

TL-2

TAXONOMIC LITERATURE

Supplement III: Br - Ca

Taxonomic literature

Volume 135

122N 0080-004X

A selective guide to botanical publications and collections with dates, commentaries and types

Supplement III: Br-Ca

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BOTANIC



Koeltz Scientific Books

D-61453 Königstein, Germany

1995

*Regnum vegetabile, a series of publications for the use of plant taxonomists
published under the auspices of the International Association for Plant
Taxonomy, edited by Werner Greuter*

Volume 132

ISSN 0080-0694

Frans A. Stafleu and Erik A. Mennega

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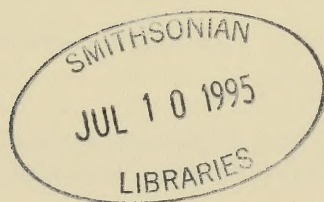
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Koeltz Scientific Books
D-61453 Königstein, Germany
1995

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ISBN 3-87429-339-4 (the whole supplement)
ISBN 3-87429-376-9 (the present volume)

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Supplement III: B1-Ca



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Contents

Notice to the Reader vi

Taxonomic Literature and Collections Br-Ca 1

Index to Titles 479

Index to Names 535

22.463. A note on the phylogenetic of the Genus *Hydrobia* in the western of 1935. Reported from Biological Bulletin, 1935, Oct.
 Publ. Aug 1935 (in journal), p. 76-82. Copy L. - Reported in the Index from Vol. 8, p. 47 (1) 76-82, 1934.

22.464. The Sea Anemones of the District of 1879. II. The phylogenetic and the characters of growth (including some qualitative data from the Arctic in 1895). - From the Koninkrijk wetenschappelijke Academie van 1895. Dec. 1949. December 20th. Philadelphia.
 Publ. Special. also 7 Jul 1935 (date of printing on p. 177 (4)), volume 4, p. 11-173 (124).
 Copy L. - Based on vol. 10 Hydrobia 23 (1934, 1935).

Note: (1) The first part of this publication by J. Rowland and J.T. Rowland 1933 deals with Hydrobia.
 (2) A further part before 1940 deals with A quantitative analysis of the composition of the Sea of Family and the Gulf of Mexico, 2, 1940, Canada 47 1 Aug 1933.

22.465. Microfauna of Canada. - Reported from Nature. - 1938. Oct.
 Publ. 27 Jul 1938 (in journal), vol. 21, Apr 1939, p. 113-1. Copy L. - Reported in the Index from Nature 143: 899, 1939.

Breadfort, Alberta (Canada) (1838-7), British Columbia in Phycology (Phycology).

ABBREVIATIONS AND SYMBOLS

22.466. A note on the phylogenetic of the Genus *Hydrobia* in the western of 1935. Reported from Biological Bulletin, 1935, Oct.
 Publ. Aug 1935 (in journal), p. 76-82. Copy L. - Reported in the Index from Vol. 8, p. 47 (1) 76-82, 1934.

22.467. The Sea Anemones of the District of 1879. II. The phylogenetic and the characters of growth (including some qualitative data from the Arctic in 1895). - From the Koninkrijk wetenschappelijke Academie van 1895. Dec. 1949. December 20th. Philadelphia.
 Publ. Special. also 7 Jul 1935 (date of printing on p. 177 (4)), volume 4, p. 11-173 (124).
 Copy L. - Based on vol. 10 Hydrobia 23 (1934, 1935).

22.468. Microfauna of Canada. - Reported from Nature. - 1938. Oct.
 Publ. 27 Jul 1938 (in journal), vol. 21, Apr 1939, p. 113-1. Copy L. - Reported in the Index from Nature 143: 899, 1939.

Note: (1) The first part of this publication by J. Rowland and J.T. Rowland 1933 deals with Hydrobia.
 (2) A further part before 1940 deals with A quantitative analysis of the composition of the Sea of Family and the Gulf of Mexico, 2, 1940, Canada 47 1 Aug 1933.

Notice to the Reader

The information in this Supplement is organized and presented exactly as in the main volumes of TL-2, and as explained in the Introduction to Volume 1. For quick visual orientation, the reader may also refer to the commented blueprint sample pages that appear inside the cover boards of Volumes 1-7, not again reproduced here. A full, cumulated list of abbreviations used throughout TL-2 can be found in Volume 7 (pp. xxv-lvi).

The asterisk (*) denotes names of authors already treated in Volume 1 of TL-2. For such authors, information under the headings "Herbarium and Types", "Bibliography and Biography", as well as in the "Biofile" (see TL-2, Vol. 4: vii), is complete, while other data are complementary to those in the main volume.

Braarud, Trygave (1903-1985), Norwegian marine botanist, studied with H.H. Gran at the University of Oslo, cand. real 1927, Dr. phil. 1936, "amanensis" and lecturer in General Botany 1936-1947, held the Chair of Marine Botany at Oslo 1947-1973, specialized in biological oceanography and marine ecology, founder of the Norwegian Institute of Seaweed Research (1950) and the Norwegian Institute of Water Research (1958), one of the "founding fathers" of the International Phycological Society. (*Braarud*).

HERBARIUM and TYPES: O (Algae).

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 91; Roon p. 21.

BIOFILE: Anon., Norw. J. Bot. 20(2-3): 75. 1973 (portr.).

Hasle, G.R., Nordic J. Bot. 6(1): 98. 1986 (obit., portr.).

Paasche, E., Blyttia 44: 50-52. 1986 (obit., portr.).

Prescott, G.W., Bibl. Desmid. univ. 68. 1984.

Vaage, J., Blyttia 43: 162, 164. 1985 (portr., founding Norw. Bot. Assoc.).

EPONYMY: *Braarudosphaera* Deflandre (1947), see Blyttia 45: 103. 1987 and ING 1: 228. 1979.

22.486. A note on the *phytoplankton of the Gulf of Maine* in the summer of 1933 ... Reprinted from Biological Bulletin ... 1934. Oct.

Publ.: Aug 1934 (in journal), p. 76-82. *Copy*: L. – Reprinted and to be cited from Biol. Bull. 67(1): 76-82. 1934.

22.487. The *Øst Expedition to the Denmark Strait* 1929. II. The *phytoplankton* and its conditions of growth (including some qualitative data from the Arctic in 1930) ... Oslo (I Kommissjon hos Jacob Dybwad) 1935. Oct. (*Exp. Denmark Strait, Phytoplankton*).

Publ.: Shortly after 9 Jul 1935 (date of printing on p. [174]), cover-t.p., p. [1]-173, [174].

Copy: L. – Issued as no. 10 Hvalrådets Skrifter, Oslo, 1935.

Note: (1) The first part of this publication (by T. Braarud and J.T. Ruud) 1932 dealt with *Hydrography*.

(2) A further publ. before 1940 dealt with *A quantitative study of the phytoplankton in the Bay of Fundy and the Gulf of Maine*, J. Biol. Canada 1: 5 seq. 1935.

22.488. *Microspores in Diatoms* ... Reprinted from Nature ... 1939. Oct.

Publ.: 27 Mai 1939 (in journal; text dated 21 Apr 1939), p. [1]-2. *Copy*: L. – Reprinted and to be cited from Nature 143: 899. 1939.

Bracciforti, Alberto (Conte) (1838-?), Italian botanist at Piacenza. (*Braccif.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 236 (b. 22 Jan 1838, Piacenza); BL 2: 350 (*Fl. piacent.* and further info.); Jackson p. 10, 320; Rehder 1: 74; Saccardo 1: 36-37; Tucker 1: 104.

BIOFILE: Anon., Bot. Zeit. 45: 710. 28 Oct 1887 (mentions a *Flora di giardini pubblici e viali di Spezia*, Spezia 1887, 22 p., n.v.).

22.489. *Flora piacentina* ossia enumerazione sistematica delle piante della Provincia di Piacenza coll' indicazione delle loro stazioni, dei caratteri principali di ciascuna familia, dei nomi italiani, di quelli del dialetto piacentino, con osservazioni e note etimologiche ... Piacenza (Tipografia F. Solari) 1877. Oct. (*Fl. piacent.*).

Publ.: 1877, p. [1]-384. *Copy*: NY.

Note: Published also a "Dizionarietto botanico piacentino-latino", Piacenza 1877 n.v. (Rehder 1: 74, Local names. Has an appendix: "Flora of Piacenza", n.v.).

Brachet, Flavien (x-1910), French botanist in Rémollon (Hautes-Alpes), teacher and guide on excursions at Gap in the Hautes-Alpes. (*Brachet*).

HERBARIUM and TYPES: Mainly in G (labels: Flavien Brachet, Plantes du Département des Hautes-Alpes), further material in DBN, MPU.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 250; Barnhart 1: 237 (d. Mai 1910, Rémollon, Hts. Alp.); BL 2: 160; Tucker 1: 104.

BIOFILE: Anon., *Hedwigia* 50(4) (Beibl.): (192). 1910 (d.).

22.490. *Excursions botaniques de Briançon aux sources de la Durance et de la Clarée* (Hautes-Alpes). Petit guide du botaniste herborisant ... Gap (L. Jean & Peyrot, ...) 1907. Oct. Publ.: Jul-Sep 1907 (in journal), cover-t.p., p. [1-4], uncol. map. [5]-51, [52, identif.]. Copy: G. – Reprinted and to be cited from Bull. Soc. d'Études, Hist. Sci. Litt. Hautes-Alpes, Gap 23, 3^e trimestre 1907 (n.v.).

***Brackenridge, William Dunlop** (1810-1893), Scottish born horticulturist and botanist, settled in America ca. 1837, joined the Wilkes U.S. Exploring Expedition 1838-1842, charged with the living plants collected by the expedition, 1842-1854 at Washington D.C. (until 1852 horticulturist at the U.S. Bot. Garden), settled in Baltimore 1855 as floriculturist and garden architect. (*Brack.*).

HERBARIUM and TYPES: US (incl. drawings, proofs), some further material at PH (not from Wilkes Exp.).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 80; Barnhart 1: 237 (b. 10 Jun 1810, Ayr, Scotland, d. 3 Feb 1893, Baltimore, Md.); BB p. 42; BM 1: 219; Bossert p. 49; DAB; Desmond p. 83 (further refs.); Ewan ed. 1: 19, 168, 283, 317, ed. 2: 24-25; Hortus 3: 1189; HR; IF p. 684; Kew 1: 333-334; Lenley p. 448 (corr. Torrey); ME 1: 167, 3: 542 (index); PR 1073; Rehder 1: 509, 3: 116; SK 1: 74-75; TL-2/1: 299 and see indexes; Tucker 1: 104.

BIOFILE: Alden, R.H. and J.D. Ifft, *Occas. Pap. Calif. Acad. Sci.* 20: 49, 53. 1943.

Anon., *Amer. Florist* 8: 678, 698. 1893 (portr.).

Barnhart, J.H., *J. New York Bot. Gard.* 20(234): 117-124. 1919 (B. and his book on ferns [TL-2/697]).

Bartlett, H.H., *Proc. Amer. Philos. Soc.* 82: 673-679. 1940 (coll.).

Brackenridge, W.D., *Journal of W.D. Brackenridge, 1-28 Oct 1841 [in California]*, Calif. Hist. Soc. Quart. 24: 326-336. Dec 1845.

Brewer, W.H., *in S. Watson, Bot. Calif.* 2: 555. 1880.

Britten, J., *J. Bot.* 57: 263. 1919.

Carr, D.J. and S.G.M., eds., *People and plants in Australia* 252. 1981.

Coats, A.M., *The plant hunters* 295, 297-299, 309. 1969.

Ewan, J., *in A century of progress in the natural sciences* 45. 1955.

Ewan, J. et al., *Short hist. bot. U.S.* 8, 9, 42, 97. 1969.

Eyde, R.H., *Huntia* 6(2): 165-196. 1986 (in a paper on William Rich).

Gager, C.S., *Brooklyn Bot. Gard. Record* 27(3): 358. 1938 (horticulturist U.S. Bot. Gard., Washington D.C. 1842-1852).

Gray, J.L., *Letters A. Gray* 404, 423. 1893.

Haskell, D.C., *Bull. New York Public Library* 44: 93-112. 1940, 45: 69-90, 507-532, 821-850 (portr. opp. p. 838). 1941, 46: 103-150. 1942 (main bibl. Expl. Exp.).

Hughes, K.W., *Contr. bibl. Oregon bot., Oregon State Coll.* 15. 1940.

Johnson, D.E., *Huntia* 6(1): 21. 1985 (no. 38; info. on history of Berlin bot. gard. ca. 1836).

Maiden, J., *J. Proc. R. Soc. N.S.W.* 42: 93. 1908 (visit NSW 1839).

Maloney et al., *Calif. hist. Soc. Quart.* 24: 321-342. Dec 1945 (California journey, repr. of B's journal 1-28 Oct 1841; A. Eastwood, list of plants).

- McVaugh, R., *Edward Palmer* 10. 1959.
 Meehan, T., *Gard.* Monthly 26: 375-376. 1884 (portr.).
 Rodgers, A.D., *John Torrey* 337 (index nine entries). 1942.
 Stafleu, F.A., *Taxon* 21: 171. 1972 (facs. ed. of TL-2/697).
 Thomas, J.H., *Huntia* 3: 14. 1969 (expl. Wash., Ore., Calif.); *Contr. Dudley Herb.* 5(6): 150. 1961.
 Tyler, D.B., *The Wilkes Exp.* 428 [index to many entries]. 1968.
 Viola, H.J. and C. Margolis, eds., *Voyagers, Exploring Expedition 1838-1842*: ii, 20, 28-31, 36, 40-41, 197-198, 234-236, 237, 238, 240. 1988.

***Brade, Alexander Curt** (1881-1971), German (Niederlausitz) botanist, educated at the Real-Progymnasium at Forst and at the Königl. preussische Baugewerkschule at Goerlitz, Schlesien, active in the building trade 1902-1907, at the same time interested in botany, in contact with the Berlin botanical professors Kny, Sorauer and Wittmack, went to Costa Rica to collect botanical material 1908-1910, settled in Brazil, building engineer in São Paulo 1910, settled at a farm in Iguape (S. Paulo) until 1928, 1928-1933 associated with the Museu nacional Rio de Janeiro, id. at the Inst. Biol. Vegetal as assistant in the Botanical Garden 1933-1938, subsequently biologist at the Serviço Florestal until 1952. (*Brade*).

HERBARIUM and TYPES: RB. – Further material in AMES, B, BR, F, HH(A, GH), IAC, L, MO, NY, PH, POM, R, S, SP, U, US.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 237 (b. 19 Jun 1881, Forst); *Bossert* p. 49; *Hortus* 3: 1189; *IF suppl.* 3: 202, 4: 314; *IH* 2: 92, 109, 114; *Kew* 1: 334-336; *TL-2/1*: 300 and see indexes; *Urban-Berl.* p. 319; *Zander ed.* 10, p. 639, ed. 11, p. 726.

BIOFILE: *Anon.*, *Begonian* 38: 242. Oct 1971 (obit.).
 Ascherson, P.F.A., *Verh. Bot. Ver. Prov. Brandenburg* 50: xiv-xv. 1909.
 Brade, A.C., *Lebenslauf* (typewritten statement sent to W.F. Mattick, ca. 1961; copy B).
 Frodin, D.G., *Guide standard floras world* 365/205b. 1984.
 Lellinger, D.B., *Amer. Fern J.* 62(1): 23. 1972.
 Markgraf, F., *Bot. Jahrb.* 93(1): 1-8. 1973 (obit., itin. Costa Rica 1908-1910).
 Mattick, W.F., *Willdenowia* 6(2): 211-214. 1971 (account of B's career, portr., with a note by Th. Eckardt on B's death 19 Jul 1971).
 Pabst, G.F.J., *Taxon* 16: 161-167. 1967 (biogr., bibl., portr.); *Bradea* 1: 69-72. 1971 (further bibl. info.).
 Paes, L.E., *Willdenowia* 8: 85, 87, 88. 1977 (on German botanists in Brazil).

EPONYMY: *Bradea* Stanley ex Brade 1932 (*ING* 1: 232. 1979); (journal): *Bradea*, *Boletim do Herbarium Bradeanum*. Rio de Janeiro, vol. 1- (1969-).

22.491. *Die Farnflora der Umgebung der Stadt São Paulo ... São Paulo (... Rua 15 Novembre)* 1920. Oct.

Publ.: 1920, cover-t.p., p. [39]-61. *Copies*: B, L. – Reprinted and to be cited from *Z. Deut. Ver. Wiss. Kunst São Paulo* 1: 39-61. 1920.

22.492. *Filices novae Brasilianae ... [1-7] ...* 1929-1951. Oct.

Publ.: 1: 1929, p. [93]-96, *pl.* 1-3 (uncol.). *Copy*: B. – Reprinted and to be cited from *Bol. Mus. nac. Rio de Janeiro* 5: 93-96, *pl.* 1-3. 1929.

2: 1931, with Eduard Rosenstock (1856-1938), see *TL-2/4*: 893-894, in *Id.* 7: 135-147, 9 *pl.* 1931. – No reprint seen.

3: Aug 1935 (in journal), cover, p. [223]-230, *pl.* 1-6 (uncol. phot.). *Copy*: B. – Reprinted and to be cited from *Arq. [Arch.] Inst. Biol. Veg.*, Rio de Janeiro 1(3): 223-230, *pl.* 1-6. 1935.

4: Sep 1935 (in journal), p. 1-5, *pl.* 1-4. *Copies*: B, L. – *Id.* 2(1): 1-5, *pl.* 1-4. 1935.

- 5: Dec 1936 (in journal), cover, p. 1-6, *pl. 1-6*. *Copies*: B, L. – Id. 3(1): 1-6, *pl. 1-6*. 1936, *Filicineas da Ilha da Trindade*.
- 6: Nov-Dec 1938, cover, p. 5-10, *pl. 1-5*. *Copies*: L, U. – Reprinted and to be cited from *Anais Prim. Reun. Sul-Amer. Bot.* 2: 5-10, *pl. 1-5*. 1938.
- 7: 1951, *Arq. Jard. Bot. Rio de Janeiro* 11: 19-36, *pl. 1-13*. 1951.
- 8: 1962, *Id.* 18: 25-35.
- 9: 1967, *Anais XV Congr. Soc. Bot. Brasil*: 105-107.
- 10: 1965, *Sellowia* 17: 51-59.
- 11: n.v.
- 12: 1969, *Bradea* 1(1): 3-9, *pl. 1-5*.
- 13: 1969, *Id.* 1(2): 23-28, *pl. 1*.
- 14: 1970, *Id.* 1(3): 27-28, *pl. 1-2*. 1970.

22.493. Os generos *Cordia e Tournefortia* (Familia das Borragináceas) ... Rio de Janeiro 1932. Oct.

Publ.: 1932, cover-t.p., p. [13]-47, *pl. 1-2* (uncol. auct.). *Copy*: B. – Reprinted and to be cited from *Bol. Mus. nac. Rio de Janeiro* 8: 13-47, *pl. 1-2*. 1932.

22.494. *Especies novas* de plantas do Estado do Rio de Janeiro ... Rio de Janeiro (Archives do Museo nacional ...) [1932]. Qu.

Publ.: 1932 (text signed 30 Nov 1932 on p. 123), p. [i], [113]-123, *pl. 1-6*. *Copies*: B, L. – Reprinted and to be cited from *Arch. Mus. nac. Rio de Janeiro* 34: 113-123, *pl. 1-6*. 1932.

22.495. *Um novo genero de Scrophulariaceae* ... (Arq. Inst. Biol. Veget. Rio de Janeiro) 1935. Oct.

Publ.: Aug 1935 (date on p. 235), p. 235-240. *Copy*: B. – Reprinted and to be cited from *Arq. Inst. Biol. Veg. Rio de Janeiro* 1(3): 235-240. 1935. – *Magdalenaea* Brade, gen. nov. (from the region of Santa Maria Magdalena), see *ING* 2: 1029. 1979.

22.496. *Index orchidacearum* in Brasilia inter mdcccvi et mdcccxxxii explorata sunt ... Separata de Rodriguésia ... 1935. Oct.

Publ.: 1935 (U rd. 2 Mar 1936), p. [i], [11]-76. *Copy*: U. – Reprinted and to be cited from *Rodriguésia* 2: 11-76. 1935.

22.497. *Melastomaceae novae* ... (Arch. Inst. Biol. Veget. Rio de Janeiro) 1935. Oct.

Publ.: Sep 1935 (date on p. 13), cover-t.p., p. 13-17. *Copy*: B. – Reprinted and to be cited from *Arch. Inst. Biol. Veget. Rio de Janeiro* 2(1): 13-17. 1935.

II: Jun 1938 (date on p. 71), p. 71-77, *pl. 1-8*. 1938. *Copy*: B. – Id. 4(1): 71-77. 1938.

22.498. *Contribuição para o estudio da flora Pteridophyta da Serra de Baturité estado do Ceará* ... Rio de Janeiro (Serviço florestal) 1940. Oct.

Publ.: 1940, p. [289]-314. *Copy*: U. – Reprinted and to be cited from *Rodriguésia* 13: 289-314. 1940.

Braemer, Louis (1858-1935), French botanist at Toulouse. (*Braemer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 238 (d. 18 Jul 1935); *Kew* 1: 337; *Rehder* 1: 183, 3: 281; *Tucker* 1: 105.

22.499. *Les poivres de Guinée* ... [Toulouse] (Société d'Histoire naturelle de Toulouse) 1895. Oct.

Publ.: 1895 (read 6 Feb 1895), p. [1-4]. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. Hist. nat. Toulouse* 1895: iv-vii.

Braendlein, Karl (1880-?), German (Bavarian) chemist, educated at the Gymnasium of Schweinfurt 1889-1898, studied chemistry at the universities of München and Erlangen as well as at the München Polytechnikum, examination for teaching chemistry 1903, on active service at München 1903-1904, subsequently teacher at various private schools, worked on his thesis at the University of Erlangen 1905-1906, Dr. phil. Erlangen 1906. (*Braendlein*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 238 (b. 25 Apr 1880); Kew 1: 337.

22.500. *Systematisch-anatomische Untersuchung des Blattes der Samydaceen* Bentham-Hooker. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Friedrich-Alexanders-Universität Erlangen ... Amorbach (Gottlob Volkhardt'sche Druckerei) 1907. Oct. (*Syst.-anat. Unters. Samyd.*).

Publ.: 1 Nov 1906 (date of defense thesis; Nat. Nov. Dec (1) 1907), p. [1]-69, [70-73]. *Copies*: G, L, NSUB/GOET.

Braeucker (Bräucker), **Theodor** (1815-1882), German (Westphalian) teacher and botanist at Bremen, interested in *Rosa* and *Rubus*. (*Braeucker*).

HERBARIUM and TYPES: B (large colls. *Rosa*, *Rubus*, types, rd. 1885). – Herbarium offered for sale Bot. Centralbl. 22(21): Anzeigen. 18-22 Mai 1885 (partly bought by B).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 534 (b. 1 Apr 1815, Halver, Westph., d. 3 Mai 1882, Derschlag, Westph.); Barnhart 1: 238; BM 1: 220; IH 2: 92 (coll. at B); Kew 1: 337; Tucker 1: 105; Urban-Berl. p. 332.

22.501. *292 Deutsche, vorzugsweise rheinische Rubus-Arten* und Formen zum sicheren Erkennen analytisch angeordnet und beschrieben ... Berlin (Verlag von Adolf Stubenrauch) 1882. Oct. (*292 Rubus-Arten*).

Publ.: Apr-Jun 1882 (Bot. Centralbl. 17-21 Jul 1882, Bot. Zeit. 30 Jun 1882, ÖBZ 1 Aug 1882, Bull. Soc. bot. France Sep-Oct 1882), cover-t.p., p. [i]-iv, [v], [1]-112. *Copies*: G, L. *Ref.*: Warnstorf, C., Bot. Centralbl. 11(29): 86. 1882.

22.502. *Deutschlands wilde Rosen*, 150 Arten und Formen, zum leichteren Erkennen und Bestimmen angeordnet und beschrieben ... Berlin (Verlag von Adolf Stubenrauch) 1882. Oct. (*Deutschl. wilde Rosen*).

Publ.: Apr-Jun 1882 (Bot. Zeit. 30 Jun 1882), cover-t.p., p. [i]-viii, [1]-78, 79-80, adv. *Copies*: B, G, L. *Ref.*: Kempf, H., ÖBZ 32: 306-307. 1 Sep 1882 (rev.).

Brain, Charles K. (fl. 1930-1942), British botanist and collector in Southern Rhodesia. (*C.K. Brain*).

HERBARIUM and TYPES: SRGH (4000) and material at the Rhodesian [h.t. Zimbabwe] Dept. of Agriculture herb. at Mount Makulu; further material at FHO, K, PRE.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 92; Kew 1: 338; LS suppl. 3518.

BIOFILE: Exell, A.W. and G.A. Hayes, *Kirkia* 6(1): 89. 1967 (coll. Fl. Zambesiaca). White, F., C.R. AETFAT 4: 195. 1962 (coll. at Dept. Agr. herb. at Mount Makulu, Zimbabwe).

22.503. *A key to the sedges (Cyperaceae) of Southern Rhodesia* ... Salisbury (Printed at the Herald Office) 1934. Oct.

Publ.: Mai 1934 (date on p. 51), p. [i], 51-96. *Copy*: U. – Reprinted and to be cited from Proc. Rhodesia Sci. Ass. 33: 51-96. 1934.

Brainerd, Ezra (1844-1924), American clergyman and botanist, trained for the ministry at Andover Theological Seminary, cand. minister 1868, professor at Middlebury College, Vermont 1868, idem professor in rhetoric, English literature, mathematics and physics 1880, president of Middlebury College 1885-1908, student of the flora of Vermont, especially interested in *Viola*. (*Brainerd*).

HERBARIUM and TYPES: MID (herbarium); further material at BUF, HH, K, MICH, MIN, MO, NY, PH (*Viola*), US, VT, WELC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 239 (further refs.); BL 1: 217; Ewan ed. 1: 80, 130, 245; Hortus 3: 1189; IH 2: 92; Kew 1: 338; NI 221nc; NW p. 41; Rehder 1: 317, 2: 300; TL-2/see indexes; Tucker 1: 105.

BIOFILE: Anon., *Hedwigia* 66(2) (Beibl.): (118). 1926 (d.).

Barnhart, J.H., *Amer. Fern J.* 15(4): 127-128. 1926 (obit.).

Brainerd Baird, V., *Madroño* 1(12): 185-186. 1928 (coll. trips in California 1897 and 1915).

Day, M.A., *Rhodora* 3: 206-207. 1901.

Eggleston, W.W., *Bull. Torrey bot. Club* 55: 91-104. 1928 (biogr., portr.).

Howe, M.H., *J. New York Bot. Gard.* 26(301): 12-13. 1925 (obit., d. 8 Dec 1924, Middlebury, Vermont).

Stieber, M.T. et al., *Huntia* 4(1): 61. 1981 (letter to S.M. Tracy at HU).

Sutton, S.B., *Charles Sprague Sargent* 293, 294, 296. 1970.

Witrock, V.B., *Acta Horti Berg.* 3(3): 192. 1905 (b. St. Albans, Vermont, 17 Dec 1844).

22.504. *Flora of Vermont*; a list of the ferns and seed plants growing without cultivation ... Burlington (Vermont State Board Agric. Report) 1900. Oct. (*Fl. Vermont*).

Co-authors: Lewis Ralph Jones (1864-1915), Willard Webster Eggleston (1863-1935).

Publ.: 15 Dec 1900 (in text), p. [i]-viii, [1]-113. *Copies:* HH, MO. – Issued as Vermont State Board Agric. Rep. 20(4). 1900, also as Contributions to the botany of Vermont VIII.

Ref.: Howe, M.A., *Torreya* 1: 10-12. 29 Jan 1901 (rev.).

22.505. *Five new species of Viola* from the South ... from the Bulletin of the Torrey Botanical Club ... 1910. Oct.

Publ.: 30 Nov 1910 (in journal), p. 523-528, *pl.* 34-35 (uncol. draw.). *Copy:* BKL. – Reprinted and to be cited from *Bull. Torrey bot. Club* 37(11): 523-528, *pl.* 34-35. 1910.

22.506. *Blackberries of New England*, their classification ... Burlington (Free Press Printing Company) 1920. Oct. (*Blackberries N. Engl.*).

Co-author: Arne Kristopher Peitersen (1884-1924).

Publ.: Jun 1920 (date on cover-t.p.), cover-t.p., p. [1]-84, *pl.* 1-4 (uncol. phot.). *Copies:* BKL, L. – Issued as *Bull. Vermont Agric. Exper. State* 217, 1920.

22.507. *Violets of North America* ... Vermont Agricultural Experiment Station ... 1921. Oct. (*Violets N. Amer.*).

Publ.: Dec 1921 (date on cover-t.p.), cover-t.p., col. frontisp. (= *pl.* 1), p. [1]-171, 172 [adv.], 24 unnumbered coloured *pl.* *Copy:* L.

Note: *Wild violets of North America* was published in 1942 by *Viola* [sic] Brainerd Baird, "in loving memory" of her father Ezra Brainerd. Several of the beautiful illustrations of the *Violets of North America* were used in this issue supplemented with many more by the same artist (F. Schuyler Mathews).

22.508. *Some natural violet hybrids of North America* ... Burlington (Free Press Printing Company) 1924. 16-mo. (*Nat. violet hybr. N. Amer.*).

Publ.: Jul 1924 (p. 1 so dated), p. [1]-205. *Copies:* L, U. – Issued as *Bull. Vermont Agric. Exper. Stat.* 239, 1924. – Preceded by *Violets of North America*, p. [1]-172, id. 224, 1921.

***Brand, August** (1863-1930), German (Berlin born) classic philologist, studied at Bonn and Berlin, classical teacher at Frankfurt a. O. 1885-1910, "Studienrat" at the Gymnasium at Sorau, in his spare time botanist, collaborator of Engler e.g. for the Pflanzenreich. (*Brand*).

HERBARIUM and TYPES: B (types; some herbarium material collected by him as well); further material at M (Lich.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 240; BFM see no. 10; BJI 1: 6, 2: 17-18; BM 1: 120; CSP 13: 763; DTS 6(4): 118-119; Hortus 3: 1189; IH 2: 92; Kew 1: 339; Langman p. 152; MW p. 51, 52; NW p. 41; RS p. 76; TL-2/1: 302 and see indexes; Zander ed. 10, p. 639, ed. 11, p. 726-727.

BIOFILE: Anon., *Hedwigia* 70(2) (Beibl.): (157). 1931 (d. at Sorau, 17 Sep 1930); Verh. bot. Ver. Prov. Brandenburg 71: 1. 1931 (d.).

Brand, A., *Herbarium* 1908(6): 41 ("Zusammenstellung systematischer Sammlungen").

Harms, H., *Fedde Repert. sp. nov.* 28: 322. 1930 (obit., b. 19 Aug 1863, Berlin, d. 17 Sep 1930, Sorau).

COMPOSITE WORKS: (1) and (2) see TL-2/1: 302.

(3) *Editor* (with Ernst Hallier and R. Wohlfarth) of W.D.J. Koch, *Syn. deut. schweiz. Fl.* 1892-1907, see TL-2/3804.

(4) *Editor* of Ernst Huth, *Fl. Frankfurt a. O.*, ed. 3, 1909, see TL-2/3168.

(5) *Symplocaceae*, in R. Pilger, *Plantae Uleanae novae vel minus cognitae*, Notizbl. Kön. bot. Gart. Mus. Berlin-Dahlem 55: 172. 4 Apr 1914.

(6) *Convolvulaceae*, in E.H. Hallier, *Syn. deut. schweiz. Fl.* p. 1977-1990. Apr 1902.

22.509. *Nachträge zu Huth's Flora von Frankfurt ... Helios ...* 1898. Oct.

Original flora: Ernst Huth, see TL-2/2: 380.

Publ.: 1898, p. [55]-64. *Copy:* B. – Reprinted and to be cited from *Helios* (Frankfurt an der Oder) 11: 55-64. 1898.

22.510. *Ueber einige Symplocaceen des Herbarium Delessert ... Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève ...* 1904. Oct.

Publ.: 15 Apr 1904 (date on p. [1]), p. [1]-11. *Copies:* B, L. – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 7-8: 277-287. 1904.

22.511. *Botanische Miscellen I-V ... Sonderabdruck aus Helios, Organ des Naturwissenschaftl. Vereins des Regierungsbezirkes Frankfurt a. O. ...* 1905. Oct.

Publ.: 1905, p. [1]-15. *Copies:* B, G. – Reprinted and to be cited from *Helios* (Frankfurt an der Oder) 22: 1-15. 1905.

22.512. *Novae species andinae generis Symplocos ... Sonderabdruck aus Fedde, Repertorium ...* 1906. Oct.

Publ.: 15 Jan 1906 (in journal), p. [13]-14. *Copy:* L. – Reprinted and to be cited from *Fedde Repert. spec. nov.* 2: 13-14. 1906.

22.513. *Verzeichnis der bei Elend und Schierke im Harz beobachteten wildwachsenden Pflanzen ... [Sonder-Abdruck aus dem "Helios" ...* 1906]. Oct.

Publ.: 1906, p. [i, identif., recto of p. 82], [82]-90. *Copy:* G. – Reprinted and to be cited from *Helios* (Frankfurt an der Oder) 23: 82-90. 1906.

22.514. *Additamenta nova ad cognitionem generis Symplocos ... Extrait du Bulletin de l'Herbier Boissier ...* 1906. Oct.

Publ.: 31 Aug 1906 (in journal), p. [1]-4. *Copy:* L. – Reprinted and to be cited from *Bull. Herb. Boissier ser. 2.* 6(9): 747-750. 1906.

- 22.515.** *The Symplocaceae of the Philippine Islands ...* Manila (Bureau of Printing) 1908. Oct.
Publ.: 22 Apr 1908 (in journal; Nat. Nov. Jul (2) 1908), cover-t.p., p. [1]-10. *Copies*: B, G, L. – Reprinted and to be cited from Philipp. J. Sci., C. Bot. 3(1): 1-10. 1908.
- 22.516.** *Additional Philippine Symplocaceae, I. ...* Manila (Bureau of Printing) 1909. Oct.
Publ.: 1: Jun 1909 (in journal; Nat. Nov. Sep (1) 1909), cover-t.p., p. 107-110. *Copy*: L. – Reprinted and to be cited from Philipp. J. Sci., C. Bot. 4(2): 107-110. 1909.
 2: 14 Mai 1912 (in journal; Nat. Nov. Sep (2) 1912), cover-t.p., p. 29-36. *Copy*: B. – Id. 7(1): 29-36. 1912.
- 22.517.** *Zwei kritische Pflanzengattungen ...* Sonder-Abdruck aus dem “Helios”, Organ des Regierungsbezirkes Frankfurt a. Oder ... 1910. Oct.
Publ.: 1910, p. [1]-7. *Copy*: NY. – Reprinted and to be cited from Helios (Frankfurt a.d. Oder) 26: 58-62. 1910.
- 22.518.** *Königliches Gymnasium zu Sorau. Beilage zum Jahresbericht. Beiträge zur Kenntnis der Hydrophyllaceen ...* Sorau (Druck von Rauert & Pittius, G.m.b.H.) 1911. Qu.
Publ.: 1911 (Nat. Nov. Mar (2) 1912), p. [1]-12. *Copy*: G. – Text on *Hydrophyllaceen* on p. [1]-9; p. 10-12 letter from Alice Eastwood on the damaged building of the Acad. Sci., San Francisco, dated 14 Mai 1906.
- 22.519.** *Die Hydrophyllaceen der Sierra Nevada ...* Berkeley (University of California Press) 1912. Oct. (*Hydroph. Sierra Nevada*).
Publ.: 9 Mar 1912 (date on cover-t.p., copy Lotsy in Leiden rd. 26 Mar 1912, sic, Nat. Nov. Apr (2) 1912), cover-t.p., p. [209]-227. *Copies*: G, L, U. – Issued as Univ. Calif. Publ. Bot. 4(13): 209-227. 1912.
- 22.520.** *Namation, eine neue Gattung der Scrophulariaceae ...* Sonderabdruck aus Fedde, Repertorium ... 1912. Oct.
Publ.: 31 Jan 1912 (in journal), p. [1]. *Copies*: B, NY. – Reprinted and to be cited from Fedde Repert. spec. nov. 10: 280-281. 1912. – See ING 2: 1445. 1979.
- 22.521.** *Andropus, eine neue Gattung der Hydrophyllaceae ...* Sonderabdruck aus Fedde Repertorium ... 1912. Oct.
Publ.: 31 Jan 1912 (in journal), p. 281. *Copy*: B. – Reprinted and to be cited from Fedde Repert. spec. nov. 10: 281. 1912. – See ING 1: 84. 1979.
- 22.522.** *Neue Beiträge zur Kenntnis der Polemoniaceen ...* Genève (Imprimerie Reggiani & Renaud ...) 1913. Oct.
Publ.: 25 Apr 1913 (date on p. [3]), cover-t.p., p. [1, t.p.]-21. *Copy*: B. – Reprinted and to be cited from Annuaire Cons. Jard. bot. Genève 15/16: 322-342. 1913.
- 22.523.** *Neue Gattungen und Arten der Cynoglosseae ...* Sonderabdruck aus Fedde, Repertorium ... 1915. Oct.
Publ.: 15 Sep 1915 (in journal), p. [545]-550. *Copy*: B. – Reprinted and to be cited from Fedde Repert. spec. nov. 13: 545-550. 1915.
- 22.524.** *Neue Borriginaceen-Studien ... I. Neue und verkannte Arten der Gattung Lappula ...* [Sonderabdruck aus Fedde, Repertorium ... 1915]. Oct.
Publ.: 31 Dec 1915 (in journal), p. [i, recto of 146], 146-156. *Copies*: B, G. – Reprinted and to be cited from Fedde Repert. spec. nov. 14(332/356 Sechste Kriegsnummer): 146-156. 1915.
- 22.525.** *Decas specierum novarum ...* Sonderabdruck aus Fedde, Repertorium ... 1916. Oct.
Publ.: 30 Jun 1916 (in journal), p. [323]-326. *Copy*: L. – Reprinted and to be cited from Fedde Repert. spec. nov. 14: 323-326. 1916.

22.526. *Decas specierum novarum nona* ... Sonderabdruck aus Fedde, Repertorium ... 1929. Oct.
Publ.: 31 Mai 1929 (in journal), p. [168]-172. *Copy*: L. – Reprinted and to be cited from Fedde Repert. spec. nov. 26: 168-172. 1929.

Brand, Donald (1915-x), Botanist, born 6 Mar 1915 in Chiclayo, Peru, at the University of Texas, Department of Geography, collected in Northwest Chihuahua and in Sonora (Mexico) 1929-1931 and 1934-1936. (*Don. Brand*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 339; Langman p. 152-153.

BIOFILE: Knobloch, I.W., The plant collectors of N. Mexico, Latin Amer., Stud. Center, Monogr. ser. 17: 6. 1979 (Mich. State Univ.); Phytologia Memoirs 6: 10. 1983.

22.527. Notes to accompany a *vegetation map of Northwest Mexico* ... The University of New Mexico Bulletin ... 1936. Oct. (*Veget. map N.-W. Mexico*).
Publ.: 15 Jan 1936 (date on p. [1]; not "1930"), p. [1]-27, 1 uncol. folding map. *Copy*: NY. – Issued as Univ. New Mexico Bull. no. 280 ["1930"], Biol. Ser. 4(4). 1936.

22.528. *The natural landscape of northwestern Chihuahua* ... Albuquerque (University of New Mexico Bulletin no. 316) 1937. Oct. (*Nat. lands. N.-W. Chihuahua*).
Publ.: 1937, p. [1]-74, [12 p. of plates], 2 maps folded. *Copy*: MO. – Issued as Univ. New Mexico Bull. no. 316, Geol. Ser. 5(2). 1937.

***Brandege, Mary Katherine** (Layne, later Curran) (1844-1920), American (California) botanist and plant collector, born in W. Tennessee, from 1853 in California, early schooling at a seminary in Folsom, Calif., married Hugh Curran (Irish) 1866-1874, came to San Francisco 1875, studied medicine at the University of California 1875-1878, M.D. 1878, took interest in botany from 1879, curator of the herbarium of the California Academy of Sciences 1883, married Townsend Stith Brandege 1889, the couple moved to San Diego 1894 setting up their own botanical library and herbarium, returned to Berkeley 1906 continuing botanizing without official appointment. (*K. Brandege*).

HERBARIUM and TYPES: Most collections now at UC together with those of her husband. Further material at B, CAS, DS, E, HH(A, GH); K, L, MO, NMC, NY, PH, POM, US, WELC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 240; BL 1: 166; Hortus 3: 1189; IH 2: 93; Kew 1: 339; NW p. 41; Rehder 5(index): 114; TL-2/1: 302-303; Tucker 1: 105; Urban-Berl. p. 332; Zander ed. 10, p. 639, ed. 11, p. 727.

BIOFILE: Abir-Am, P.G. and D. Outram, eds., *Uneasy careers and intimate lives. Women in science 1789-1979*. 84, 85, 91. 1987.

Anon., Bot. Centralbl. 55(34): 256. 1893 (curator herb. CAS, editor of "Zoe").

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Cantelow, E.D. and H.C., Leafl. W. Bot. 8: 86. 1957 ("A remarkable woman", epon. *Lupinus Layneae*, sic).

Crosswhite, F.S. and C.D., *Desert plants* 7(3): 128-139, 158-162. 1985 (detailed account, portr.).

Dupree, H. and M.L. Gade, in E.T. James et al., *Notable American women 1607-1950*. 1: 228-229. 1971 (detailed account, further refs.).

Ewan, J., *Not so wild a Fantasy*, typescript, 4 p. 1957 copies with J. Ewan and FAS (rebuttal to Herre, A.W.C.T. s.d.; see also J. Ewan 1942); Amer. Midland Natural. 27: 772-789. 1942 (critical evaluation of K. Brandege in her botanical relations and methods).

Ewan, J. et al., Leafl. W. Bot. 7(3): 55, 58, 59. 1953 (botany at CAS); *A century of progress in the natural sciences 1853-1953*: 1-63. 1955.

Jaeger, F.C., Calico print. Mar 1953, p. 8-9, 33 ("Bold Kate Brandegee").
 Jones, M.E., Contr. W. Bot. 18: 12-18. 1933; Cact. Succ. J. 41: 266-269. 1969 (biogr.).
 Rodgers, A.D., Amer. bot. 324 [index, 7 entries]. 1944.
 Setchell, W.A., Univ. Calif. Publ. Bot. 13(9): 155-178, pl. 13-14. 1929 (account of the two Brandegees, portraits and bibliography).
 Stieber, M.T. et al., *Huntia* 4(1): 61. 1981, 5(3): 196. 1984 (archival mat.).
 Thomas, J.H., Contr. Dudley Herb. 5(6): 150. 1961; *Huntia* 3: 26, 32, 33. 1969.

22.529. *Catalogue of the plants of San Francisco ... from Zoe ...* 1892. Oct.
Publ.: 31 Mar 1892 (in journal; also dated Jan 1892, sic), cover-t.p., p. [334]-390, [391-394 allotria], pl. 17. *Copy*: G. – Reprinted and to be cited from *Zoe* 2(4): 334-390, [391-394], pl. 17. 1892.
Additions: Apr 1892, *Zoe* 3: 49-50. 1892.

22.530. *Flora of Bouldin Island ...* [Reprinted from *Zoe ...* 1893]. Oct.
Publ.: Oct 1893, p. [211]-218. *Copy*: NY. – Reprinted and to be cited from *Zoe* 4(3): 211-218. 1893.

22.531. *Studies in Portulacaceae ...* Extract from Proc. Cal. Acad. Sci. ... [1894]. Oct.
Publ.: 26 Mar 1894 (date on p. 86), cover-t.p., p. [86]-91, pl. 4 (uncol., by Alice Eastwood).
Copies: B, BKL, G. – Reprinted and to be cited from Proc. Calif. Acad. Sci. ser. 2. 4: 86-91, pl. 4. 1894.

22.532. *Studies in Ceanothus ...* Extract from Proc. Cal. Acad. Sci. ... [1894]. Oct.
Publ.: 2 Jun 1894 (on p. 173), cover-t.p., p. [173]-222. *Copy*: B, BKL, G. – Reprinted and to be cited from Proc. Calif. Acad. Sci. ser. 2. 4: 173-222. 1894.

22.533. *Notes on Cacteeae I-III ...* [publ. in *Erythea* and *Zoe*] 1897-1900. Oct.
Publ.: 1: 24 Nov 1897, *Erythea* 5: 111-123. 1897. – No reprint seen.
 2: Jun 1900 (in journal), cover (identif.), p. [1]-9. *Copy*: B. – Reprinted and to be cited from *Zoe* 5(1): 1-9. 1900.
 3: Jul 1900 (in journal), *Zoe* 5(2): 31-35. 1900. – No reprint seen.
 [4:] Aug 1905 (in journal), *Zoe* 5(10): 189-195. 1905. – No reprint seen.
Note: Reprinted with index as *Cactologica Bibliotheca Classica* xxvii: 1-59. 1992. (Reprint Haan 1992).

22.534. *Variation in Oenothera ovata ...* University of California Publications in Botany ... 1914. Oct.
Publ.: 13 Jun 1914 (in journal), p. [41]-50, pl. 8-9 (uncol.). *Copies*: NY, U. – Reprinted and to be cited from Univ. Calif. Publ. Bot. ser. 2. 6(3): 41-50, pl. 8-9. 1914.

^{Townsend!}
***Brandegee, Townsend Stith** (1843-1925), American botanist and civil engineer with Atchison, Topeka and Santa Fe Rail Road and Denver and South Park Rail Road, county surveyor of Fremont Company, Colorado 1871-1878, assistant topographer and botanical collector with the Hayden Survey, for many years honorary curator of the herbarium of the University of California, married its curator of botany, M.K. Curran (Layne). (*Brandegee*).

HERBARIUM and TYPES: UC (orig. herb. 86.825 specimens); further material at B (Flora of Lower Calif.), CAS, COLO, DS, F, HH(A, GH), I, L, MICH, MIN, MO, NA, NMC, NY, PH, POM, QK, US, VT, WELC, WRSL (Lich.). – For his mosses distributed by NY see G. Sayre (1975).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 240 (b. 16 Feb 1843, Berlin, Conn., d. 7 Apr 1925, Berkeley, Calif.); BJI 1: 6; BL 1: 150, 166, 167, 168, 2: 18; BM 1: 221; Bossert p. 50; CSP 9: 329, 12: 112, 13: 763; Ewan ed. 1: 169-170, ed. 2: 25-26 (main source); Hortus 3: 1189; IH 2: 93; Kew 1: 339; Langman p. 153-154; NAF 28B(2): 321, ser. 2. 2: 152, ser. 2.

4: 4, ser. 2. 5: 234, ser. 2. 7: 38; Rehder 5(index): 114; TL-2/1: 303 and see indexes; Tucker 1: 105-106; Urban-Berl. p. 332; Zander ed. 10, p. 639, ed. 11, p. 727.

- BIOFILE: Allison, E.M., Univ. Colorado Stud. 6: 53-54. 1908 (coll. Colorado by B.).
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 Sutton, S.B., Charles Sprague Sargent 48, 93, 101, 102. 1970.
 Smith Earle, Bartonía 28: *pl. 3*. 1957 (handwriting).
 Thomas, J.H., Contr. Dudley Herb. 5(6): 150. 1961; Huntia 3: 26-27, 32, 33. 1969.
 Wiggins, I.L., Fl. Baja California 42-43. 1980 (coll. 1889-1902).

22.535. *The flora of Southwestern Colorado ...* Extracted from the Bulletin of the geological and geographical survey of the territories ... 1876. Oct.

Publ.: 6 Jun 1876 (date on cover-t.p.), cover-t.p., p. [227]-248. *Copies*: G, HH, MO, NY. — Reprinted and to be cited from Bull. U.S. Geol. Survey Terr. 2(3): 227-248. 1876.

Note: This is B's second publication; the first publ. is *The plants indigenous in Southern Colorado*, Amer. Natural. 10: 230. Apr 1876.

Ref.: N.L., Bot. Zeit. 36(7): 111. 15 Feb 1878 (rev.).

22.536. *Flora of the Santa Barbara Islands ...* Proc. Cal. Acad. Sci. ... 1888. Oct.

Publ.: 11 Oct 1888 (date on cover-t.p.), cover-t.p., p. 201-206. *Copy*: NY. — Reprinted and to be cited from Proc. Calif. Acad. Sci. ser. 2. 1(2): 201-206. 1888.

22.537. *Flora of the Cape Region of Baja California ...* Proceedings California Academy ... 1891. Oct.

Publ.: 14 Jul and 20 Aug 1891 (in journal, reprint issued Aug 1891), cover-t.p. p. [108]-182. *Copies*: B, G, HH, NY. — Reprinted and to be cited from Proc. Calif. Acad. Sci. ser. 2. 3: 108-120. 14 Jul, 169-182. 20 Aug 1891.

Additions: 10 Nov 1892, Proc. Calif. Acad. Sci. ser. 2. 3: 218-227. 1892. *Copy*: NY.

22.538. *Southern extension of California flora ...* Extracted from Zoe ... 1893. Oct.

Publ.: 22 Aug 1893 (date on p. [199]), p. [199]-210. *Copy*: NY. — Reprinted and to be cited from Zoe 4(3): 199-210. 1893.

22.539. *New species of plants from Mexico ... Erythea ...* 1899. Oct.

Publ.: 5 Jan 1899 (in journal), p. [1]-9. *Copies*: G, HH. — Reprinted and to be cited from Erythea 7: 1-9. 1899.

22.540. *Plantae novae Mexicanae a C.A. Purpus collectae ...* Aus: Zoe ... 1906. Oct.

Collector: Carl Albert Purpus (1851-1941), see TL-2/4: 445-446.

Publ.: 15 Sep 1906 (in journal), p. 231-241. *Copy*: L. – Reprinted and to be cited from Zoe 5(11): 231-241. 1906, also published in Fedde Repert. spec. nov. 3(46/47): 373-380. 15 Feb 1907.

22.541. *Plantae mexicanae purpusianae* ... [i-xii] ... University of California Publications in Botany [i]-xii ... 1908-1924. Oct.

Collector: Carl Albert Purpus (1851-1941), see TL-2/4: 445-446.

Publ.: [1]: 24 Mai 1899 (in journal; Nat. Nov. Jul (1) 1909), cover-t.p., p. [377]-396. – Issued as Univ. Calif. Publ. Bot. 3(8): 377-396. 1909.

2: 26 Mai 1910 (in journal; Nat. Nov. Jul (1) 1910), cover-t.p., p. [85]-95. – Id. 4(3): 85-95. 1910.

3: 1 Jul 1911 (in journal; Nat. Nov. Aug (1) 1911), cover-t.p., p. [177]-194. – Id. 4(11): 177-194. 1911.

4: 26 Jun 1912 (in journal; Nat. Nov. Aug (2) 1912), cover-t.p., p. [269]-281. – Id. 4(15): 269-281. 1912.

5: 24 Jun 1913 (in journal; Nat. Nov. Aug (1) 1913), cover-t.p., p. [375]-388. – Id. 4(19): 375-388. 1913.

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8: 23 Mar 1917 (in journal), cover-t.p., p. [363]-375. – Id. 6(13): 363-375. 1917.

9: 3 Nov 1919 (in journal), cover-t.p., p. [497]-504. – Id. 6(19): 497-504. 1919.

10: 29 Dec 1920 (in journal), cover-t.p., p. [325]-331. – Id. 7(10): 325-331. 1920.

11: 20 Nov 1922 (in journal; Nat. Nov. Feb 1923), cover-t.p., p. [181]-188. – Id. 10(2): 181-188. 1922.

12: 27 Oct 1924 (in journal; Nat. Nov. Dec 1924), cover-t.p., p. [403]-421. – Id. 10(8): 403-421. 1924.

Copies: B, HH, L, U.

22.542. *Species novae vel minus cognitae* ... University of California Publications in Botany ... 1916. Oct.

Publ.: 6 Mai 1916 (in journal), cover-t.p., p. [357]-361. *Copies*: L, U. – Issued as Univ. Calif. Publ. Bot. 6(12): 357-361. 1916.

***Brandes, Wilhelm** (1834-1916), German (born in Hildesheim) pharmacist and botanist, educated at the Gymnasium Andreanum in Hildesheim, sometime with his father in the Löwenapotheke, studied at the University of Göttingen, state pharmacist examination in Hannover 1858, further studies at the University of Heidelberg, assumed the direction of his father's pharmacy 1860, "Revisor" of the pharmacies in the Hildesheim area 1867, assuming as well the Hannover Andreae & Co. pharmacy until 1892, Medizinal-Rat 1900, Dr. h.c. Göttingen 1914. (*W. Brandes*).

HERBARIUM and TYPES: HAN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 240; BFM 21, 28, 29; BM 1: 221; CSP 13: 765; IH 2: 93; Kew 1: 340; Rehder 1: 390; TL-2/1: 304; Tucker 1: 106.

BIOFILE: Anon., Ber. deut. bot. Ges. 35: (182), 1917 (d. 8 Jul 1916).

Engelke, C., 6-11 Jahresber. Niedersächs. bot. Ver. 1913-1918: [3-4], 1919 (obit., b. 2 Apr 1834, Hildesheim, d. 8 Jul 1916, Hermannsburg).

Roth, E., Bot. Centralbl. 76(44/45): 196. 26 Oct 1898 (rev. of his Flora (1897), see TL-2/703).

Seeland, H., Mitt. Herm. Roemer-Mus. Hildesheim 40: 3, 28, 34, 44, 46. 1936.

Wagenitz, G., Göttinger Biologen 1737-1945: 36. 1988.

22.543. *Neue Beiträge und Veränderungen zur Flora der Provinz Hannover ...* [Jahresbericht Naturhistorische Gesellschaft Hannover ... 1900]. Oct.

Publ.: 1900, p. [1]-71. Copies: B, HH. – Reprinted and to be cited from *Jahresber. Naturhist. Ges. Hannover* 48/49: 127-200. 1900.

Zweiter Nachtrag: 1905, ib. 50-54: 137-221. 1905.

Dritter Nachtrag: 1910, *Jahresber. Niedersächs. Bot. Ver.* 1/2: 70-88. 1910.

***Brandis, [Sir] Dietrich** (1824-1907), German botanist and forester, born in Bonn, studied natural sciences at Copenhagen 1843, continuing in Bonn and Göttingen, Dr. phil. Bonn 1848 (chemistry), botanical teachers J.E. Schouw in Copenhagen and A. Grisebach in Göttingen, habil. Bonn 1848 for botany and plant chemistry, superintendent of forests in the province of Burma 1856-1862, forestry advisor with the government of India, Calcutta, “inspector-general of forests” to the government of India 1864-1883, returned to Bonn in retirement, L.L.D. Edinburgh 1889, worked on his *Indian trees* at Kew 1901-1906. (*Brandis*).

HERBARIUM and TYPES: HBG, important material also at K, further material at BONN, CAL, DD, FI, GOET, HH(A), M (lich.), MEL, W.

BIBLIOGRAPHY and BIOGRAPHY: ADB 6(2): 446, 12(3): 60; Backer p. 80-81; Barnhart 1: 241; BB p. 43; BJ 1: 7, 2: 18; BM 1: 222, 6: 120; Bossert p. 50; CSP 1: 572, 7: 242, 13: 765; Desmond p. 85; DNB suppl. 2(1): 217; Hortus 3: 1189; IH 2: 93; Jackson p. 526 (index); Kew 1: 340-341; KR p. 100; LS 3740-3741; Morren ed. 2, p. 39; NI 224-225; PR 1084-1085; Rehder 5(index): 114-116; TL-2/1: 304-305 and see indexes; Tucker 1: 106, 673; Zander ed. 10, p. 639, ed. 11, p. 727.

BIOFILE: Aderhold, R., *Gen.-Reg. Bot. Zeit.* 1-50: 11-12. 1895 (2 titles).

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Hesmer, H., *in Bonner Gelehrte, Beitr. Gesch. Wiss. Bonn, Bonn* 1971, 103-115. 1971; *Leben und Werk von Dietrich Brandis (1824-1907)*, Westdeutscher Verlag 1975, 476 p. (Abh. Rheinisch-Westf. Akad. Wiss. vol. 58, 1975; review K. Mägdefrau, *Mundus* 13(1): 69-71. 1977, see also *Unasylva* 29: 38-39. 1977).

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Wagenitz, G., *Index coll. princ. herb. Gotting.* 30. 1982.

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COMPOSITE WORKS: (1)-(2)[(a), (b)] see TL-2/1: 304.

(3) see J.L. Stewart and D. Brandis, *Forest fl. N.W. India* 1874, TL-2/13.099. – IDC E-7319/2 and E-7320/2. – Bot. Zeit. 6 Nov 1874.

(4) TL-2/704, *Forest fl., N.W. India* 1874, also on microfiche E-8442/1 (atlas). – *Facsimile reprint*: Dehra Dun 1972.

(5) TL-2/705, *Indian trees* 1906, also on microfiche E-7305/2.

22.544. *Die Beziehungen zwischen Regenfall und Wald in Indien ...* [Verh. Nat. Hist. Ver. Bonn ... 1884]. Oct.

Publ.: 1884, p. [380]-417. *Copy*: G. – Reprinted and to be cited from Verh. nat. Hist. Ver., Bonn ser. 5. 41[1]: 380-417. 1884.

22.545. *Der Wald des äusseren Nordwestlichen Himalaya ...* Separat-Abdruck aus den Verhandlungen des naturh. Vereins der preuss. Rheinl. u. Westf. ... [Bonn 1885]. Oct.

Publ.: 1885, p. [153]-180. *Copy*: G. – Reprinted and to be cited from Verh. naturh. Ver. preuss. Rheinl. Westf. 42: 153-180. 1885.

22.546. *Die Nadelhölzer Indiens.* Ein Vortrag gehalten am 15. März 1886 auf Veranlassung des Gartenbau-Vereins ... Bonn (Verlag von Emil Strauss) 1886. Oct. (*Nadelhölz. Ind.*).

Publ.: 1886 (Bot. Zeit. 27 Mai 1887, Nat. Nov. Mai (1,2). 1887), cover-t.p., p. [1]-30. *Copies*: B, MO.

22.547. *Die Familie der Dipterocarpaceen und ihre geographische Verbreitung ...* Separat-Abdruck aus den Sitzungsberichten der Niederrhein. Gesellsch. f. Natur- u. Heilkunde zu Bonn ... [1896]. Oct.

Publ.: 1896 (read 20 Jan 1896), p. [4]-42. *Copies*: B, G. – Reprinted and to be cited from S.B. Niederrhein. Ges. Nat. Heilk. Bonn 1896(A): 4-42.

Note: See also *Enumeration of the Dipterocarpaceae*, J. Linn. Soc. London 31: 1-148. 4 Nov 1895 (in journal, Nat. Nov. Nov (2) 1895).

22.548. *On some Bamboos in Martaban south of Toungoo between the Salwin and Sitang rivers ...* [Indian Forester 1906]. Oct.

Publ.: Jun 1906 (in journal), map, p. [179]-296. *Copy*: G. – Reprinted and to be cited from Indian Forester 1906: 179-296, map.

Note: See also *Biological notes on Indian bamboos*, [Allahabad 1900], Oct., published in Indian Forester 25: 1-25. 1900.

Brandl, Joseph (fl. 1897), German teacher at the Königl. Humanistischen Gymnasium Aschaffenburg. (*J. Brandl*).

HERBARIUM and TYPES: Unknown.

NOTE: We have no further information on this author.

22.549. *Laub- und Nadelhölzer um Aschaffenburg.* Bestimmungstafeln nebst kurzer Beschreibung ... Programm des königl. humanistischen Gymnasiums Aschaffenburg für das Schuljahr 1896/97 ... Aschaffenburg (Druck der Schippner'schen Druckerei (Rud. Kolbe)) 1897. Oct. (*Laub-Nadelhölz. Aschaffenburg*).

Publ.: late 1897 (Nat. Nov. Jun (2) 1898, Bot. Zeit. 16 Oct 1898), p. [i]-xx, [1]-46. *Copies*: B, GOET.

Brandsch, Carl (fl. 1854), Conrector at the Gymnasium of Mediasch (Medwisch, Hung.: Szász Megyes), Transylvania (Siebenbürgen). (*Brandsch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 241; BM 1: 222; Kanitz no. 230; PR 1087.

22.550. Beschreibung einiger grösserer *Pilzarten aus der Umgebung von Mediasch* ... [Programm des Mediascher Gymnasiums ... Hermannstadt (Druck von Theodor Steinhausen) 1854. Qu. (*Pilzarten Mediasch*).

Publ.: 1854, p. [1]-14 (text Brandsch), [15]-26 (Jahresbericht). *Copy*: WU.

Note (1): Mediasch (German), Medgyes (Hung.), now Medias (Roumania). – Hermannstadt (German), Nagy-Szeben (Hung.), now Sibiu (Roumania).

Note (2): Description of 18 genera and 76 species of fungi.

Brandstetter, Josef Leopold (1831-1924), Swiss teacher (“Erziehungsrat”) and botanist at the “Höherm Lehranstalt in Luzern”, Switzerland. (*Brandstetter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 557-558, 633; Tucker 1: 107.

22.551. *Die Namen der Bäume und Sträucher in Ortsnamen der deutschen Schweiz* ... Luzern (Buchdruckerei J. Schill) 1902. Qu. (*Namen Bäume deut. Schweiz*).

Publ.: 1902 (Nat. Nov. Nov (2) 1902), cover-t.p., p. [1]-86. *Copy*: G. – “Beilage zum Jahresbericht der höhern Lehranstalt in Luzern für das Schuljahr 1901/1902”.

Ref.: Vogler (St. Gallen), Bot. Centralbl. 92(1): 18. 7 Jan 1903 (brief rev.).

22.552. *Die Hirse im Kanton Luzern. Auf vergleichender Grundlage dargestellt* ... Stans (Buchdruckerei Ad. & P. von Matt. 1917. Oct.

Publ.: 1917, cover-t.p., p. [i], [71]-109. *Copy*: G. – Reprinted and to be cited from Geschichtsfreund, Mitt. hist. Ver. fünf Orte 72: 71-109. 1917.

Brandt, Alfred (1911-x), Finnish botanist. (*A. Brandt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 18; Collander p. 43 (4 titles).

22.553. *Hiisjärven Luonnonpuiston kasvillisuudesta ... Über die Vegetation des Naturparks von Hiisjärvi* ... Silva Fennica ... 1933. Oct. (*Veget. Naturpark Hiisjärvi*).

Publ.: 1933, p. [1]-108, maps i-iii, photos 1-8 (on 4 p.). *Copy*: L. – Issued as *Silva fennica* 32, 1933.

Ref.: Malm, E.A., Bot. Jahrb. 46(Lit.): 92-93. 1934 (rev.).

Brandt, Ernst Friedrich Wilhelm (1821-?), German (Neustadt-Magdeburg) botanist, educated at Neustadt and Magdeburg, from 1836 at the orphan-asylum at Halle, worked 1840-1845 as student at Berlin gardens, studied at the University of Halle 1846-1849, Dr. phil. Halle 1849. (*E.F.W. Brandt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 241 (b. 1 Nov 1821); BM 1: 222; PR 1088 (b. 1 Nov 1821); Rehder 2: 173.

22.554. *Nonnulla de parasitis quibusdam phanerogamicis observata*. Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum Universitate Friderica Guilelma ad summos in philosophia honores rite capessendos die V. M. Aprilis A. MDCCCXXLX H.L.Q.S. [hora locoque solitis] publice defendet auctor ... Halae [Halle] (Typis impressum Gebauerii) [1849]. Oct. (*De paras. quibusd.*).

Publ.: 5 Apr 1849, p. [i-iv], [1]-51, [52, theses], 1 pl. *Copy*: NSUB/GOET.

***Brandt, Johann Friedrich** (1802-1879), German (Jüterborgh, Brandenburg) botanist and zoologist, educated at the Gymnasium of Jüterborgh and the Lyceum at Wittenberg, studied classics at the University of Berlin 1821, later zoology and botany ib., M.D., surgeon and accoucheur 1826, worked with Ratzeburg 1826-1831 e.g. on the plants of the Prussian Pharmacopoeia, assistant, later director of the zoological Museum, St. Petersburg from 1831. (*Brandt*).

HERBARIUM and TYPES: Unknown; if any at LE.

BIBLIOGRAPHY and BIOGRAPHY: ADB 47: 182-184; Barnhart 1: 241 (b. 25 Mai 1802, Jüterborgh, d. 3/15 Jul 1879 Merikullia, Estonia); BM 1: 222-224, 6: 120; Bossert p. 50; CSP 1: 572-577, 6: 603, 7: 243-245, 9: 331, 13: 766-767; DSB 2: 422-423; Frank 3(Anh.): 13; Jackson p. 302; Langman p. 346; LS 3742; MW p. 52; NI 226; NW p. 52; Plesch p. 155, 251; PR 1089-1091, ed. 1: 1234-1237; Quenstedt p. 55; Ratzeburg p. 72-76; Rehder 1: 377, 3: 56, 73, 397; TL-2/1: 305-306 and see indexes; TR 169; Tucker 1: 107, 251, 767; Zander ed. 10, p. 639, ed. 11, p. 727.

BIOFILE: Anon., Bonplandia 3: 30. 1855 (cognomen Leopoldina: Daubenton); Das fünfzig-jährige Doctorjubiläum des Akademikers Geh. J.F. Brandt, St. Petersburg, 1877, 105 p.; Bot. Zeit. 37: 744. 14 Nov 1879 (d. 16 Jul 1879); J. Bot. 17: 383. 1879 (d.); Naturaliste 1: 111. 1879; Zool. Anz. 2: 480. 1879 (d.).

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Engelmann, W., Biblioth. hist.-nat. 658 (index). 1846 (bibl.).

Geinitz, H.B., Leopoldina 16: 20-21. 1880.

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Sorby, H.C., Quart. J. Geol. Soc. London 36(Proc.): 44-45. 1880 (b. 25 Mai 1802, d. 15 Jul 1879).

Steindachner, Fr., Almanach Kais. Akad. Wiss. Wien 1880: 172-174.

COMPOSITE WORKS: (1) Continued F.G. Hayne, *Getreue Darstell. Gew.* 1805-1846, see TL-2/2508.

Brandt, Max (1884-1914), German (born at Rüsselsheim am Main), educated at Ditmarschen, the second Lyceum at Hannover and the Gymnasium at Schleswig and id. Lüneburg, matriculation 1904, studied botany and geology at Göttingen, Bonn and Berlin, military service 1904-1905, ult. Lieutenant with the first Garde-Regiment in Potsdam, student, later assistant with Engler at the Botanical Museum, Dr. phil. Berlin 1911, collected in Spain and Morocco 1913, on active service 1914, fell in S. Poland nr. Czczeczow 29 Nov 1914. (*M. Brandt*).

HERBARIUM and TYPES: B. – Further material in L, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 241 (b. 17 Sep 1884, Rüsselsheim a. M., d. 29 Nov 1914, killed in battle); Hortus 3: 1189; IH 2: 93; Kew 1: 341; Urban-Berl. p. 69, 79, 332; Zander ed. 10, p. 639, ed. 11, p. 727.

BIOFILE: Anon., Torreya 15(3): 59-60. 15 Apr 1915 (obit., quotation from Evening Post and Berl. Tageblatt).

Pritzel, E., Verh. Bot. Ver. Prov. Brandenburg 57: 1-7. 1916 (obit., b. 17 Sep 1884, Rüsselsheim, d. 29 Nov 1914, Czczeczow, S. Poland; list of publ., portr.).

Zepernick, B., and F.K. Timler, Englera 1: 32-33. 1979.

COMPOSITE WORKS: (1) With Ernst Gilg (senior author), *Vitaceae africanae*, Bot. Jahrb. 46: 415-558. 1911.

(2) Contributed to J. Mildbread et al., *Wiss. Erg. deut. Zentr.-Afr. Exped., Bot.* 1914, see TL-2/6008.

NOTE: Posthumous publication: *Ueber dreinadlige Kurztriebe bei Pinus*, Verh. Bot. Ver. Prov. Brandenburg 56: (37)-(38). 1915.

22.555. *Violaceae africanae* III. ... Nebst einigen Beiträgen von A. Engler ... [Botanische Jahrbücher ... Verlag von Wilhelm Engelmann, Leipzig und Berlin 1913]. Oct.

Publ.: 23 Sep 1913 (in journal), cover-t.p., p. [i, half-title, recto of 104], [104]-128. Copy: B.

– Reprinted and to be cited from Bot. Jahrb. 51(1): 104-128. 1913.

Note: Parts I. and II. were published by A. Engler, Bot. Jahrb. 33(1): 132-147. 18 Nov 1902, 34(3): 317-318. 16 Aug 1904.

22.556. *Untersuchungen über den Sprossaufbau der Vitaceen* mit besonderer Berücksichtigung der Afrikanischen Arten. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... [Leipzig (Verlag von Wilhelm Engelmann)] 1911. Oct.

Publ.: 28 Sep 1911 (date of defense thesis), cover-t.p., p. [i-ii], [1]-55, [56, vita]. Copies: B, NY.

Journal issue: 28 Nov 1911 (in journal), cover [identif.], [509]-563. Copies: B, NY. – Reprinted and to be cited from Bot. Jahrb. 45(5): 509-563. 1911.

22.557. *Übersicht über die afrikanischen Arten der Gattung Rinorea* Aubl. ... Leipzig und Berlin (Verlag von Wilhelm Engelmann) 1914. Oct.

Publ.: 25 Mar 1914 (date of Engler's Fest-Band), cover-t.p., p. [405]-418. Copy: B. –

Reprinted and to be cited from Bot. Jahrb. 50(Supplementband): 405-418. 1914.

22.558. *Übersicht über die Lebensbedingungen und den gegenwärtigen Zustand der Pflanzendecke auf der Iberischen Halbinsel* ... Leipzig und Berlin (Verlag von Wilhelm Engelmann) 1914. Oct.

Publ.: 1914, cover-t.p., p. [i, recto of 52], [52]-69. Copy: B. – Reprinted and to be cited from Bot. Jahrb. 52(1-2): 52-69. 1914.

Brandt, Robert Percy (1887-1966), American botanist, studied at the University of California, Berkeley, B.S. 1912, M.S. 1913, Dr. phil. 1916. (*R.P. Brandt*).

HERBARIUM and TYPES: UC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 241; DSB suppl. 2 (vol. 17); IH 2: 93.

22.559. *Notes on the Californian species of Trillium* L. I.-IV. ... University of California Publications in Botany ... 1916-1917. Oct.

Senior author of 1 and 2, author of 4: Thomas Harper Goodspeed (1887-1966).

Publ.: 1 (Report of the general results of field and garden studies, 1911-1916): 3 Oct 1916, cover, p. [1]-24, pl. 1-4 (uncol. phot.). Copy: U. – Reprinted and to be cited from Univ. Calif. Publ., Bot. 7(1): 1-24, pl. 1-4. 1916.

2 (The nature and occurrence of undeveloped flowers): 4 Oct 1916, cover, p. [25]-38, pl. 5-6 (uncol.). Copy: U. – Id. 7(2): 25-38, pl. 5-6. 1916.

3 (Seasonal changes in *Trillium* species ...): 9 Dec 1916, cover, p. [39]-68, pl. 7-10 (uncol.). Copy: U. – Id. 7(3): 39-68, pl. 7-10. 1916.

4 (Teratological variations of *Trillium sessile* var. *giganteum* H. & A.): 17 Jan 1917, cover, p. [69]-100, pl. 11-17 (uncol.). Copy: U. – Id. 7(4): 69-100, pl. 11-17. 1917.

Brandt, J. Theodor H. (1877-1939), German lichenologist, studied at the University of Münster in Westphalen, Dr. phil. ib. 1906. (*T. Brandt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: GR, cat. p. 61; LS 3743, SBC p. 116.

22.560. *Beiträge zur anatomischen Kenntnis der Flechtengattung Ramalina*. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen und naturwissenschaftlichen Fakultät der Universität Münster i.W. ... Dresden (Druck von C. Heinrich) 1906. Oct. (*Beitr. Kenntn. Ramalina*).

Publ.: Jan-Mar 1906 (*Bot. Zeit.* 1 Apr 1906), cover-t.p., p. [1]-39, *pl. 1-5*. *Copies*: B, G, L, NSUB/GOET. – Preprint from *Hedwigia* 45: 124-158, *pl. 1-5*. 1906.

Brandt, [Andreas] Wilhelm [Heinrich] (1879-1929), German pharmacist, born at Seckenheim, Baden, educated at schools at Rothenfelde nr. Osnabrück and Schalke nr. Gelsenkirchen, at gymnasia at Schalke and Elberfeld, pharmaceutical apprenticeship at Barmen 1898-1900, stage at Elberfeld 1901-1903, id. Stettin 1903-1904, pharmacist at Elberfeld 1904-1911, studied again in Berlin 1913, Dr. phil. University Berlin 1915, botany with Engler and Gilg, assistant at the Botanical Institute, Frankfurt a. M. 1916, habil. Bot. & Pharmacogn. 1917, extraord. professor for pharmacognosy 1919-1927. (*W. Brandt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 241 (b. 31 Mar 1879, Seckenheim, Baden, d. 4 Aug 1929, Frankfurt a. M.); Kew 1: 341.

BIOFILE: Egle, K. and G. Rosenstock, *Gesch. Bot. Frankfurt a. M.* 34. 1966.

COMPOSITE WORKS: Editor with G. Schellenberg of iv. 2. *Ergänzungsband of Köhler's Medizinal-Pflanzen in naturgetreuen Abbildungen mit kurz erläuterndem Texte*. 1914.

22.561. *Zur Anatomie und Chemie der Ruta graveolens L.* ... Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... 1915. Oct. (*Anat. Ruta graveolens*).

Publ.: 24 Mar 1915 (date defense thesis), p. [1]-33, [35], 36 (thanks, vita). *Copy*: B.

Brandts Buys, L.F.R.P.C.A. (fl. 1928), Dutch forester employed with the Forest Research Institute, Buitenzorg (Bogor). (*Brandts Buys*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: SK 1: 75.

22.562. *Bijdrage tot de kennis van Pinus Merkusii* Jungh. et de Vr., meer in het bijzonder in de Gajo-landen ... Weltevreden (Landsdrukkerij) 1928. Oct. (*Bijdr. Pinus Merk.*).

Co-authors: Christoffel Hendrik Japing (1891-?), D. Fernandes.

Publ.: 1928, p. [i]-viii, [1]-139 (of which 135-139 German extract), graphs 1-18, maps 1-7 (col.). *Copies*: MO, U. – Issued as *Meded. Proefstat. Boschwezen* 19, 1928.

***Brândză, Dimitrie** (1846-1895), Roumanian botanist, founder of Roumanian botany, founder of the Botanical Garden in Bucarest as well as of the Botanical Institute with herbarium, museum and library, the Natural History Museum under the aegis of the Roumanian Academy. (*D. Brândză*).

HERBARIUM and TYPES: Destroyed in World War II.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 241; BM 1: 224, 6: 121, 159; CSP 13: 767; Futak-Domin p. 122; Jackson p. 314, 507; Kew 1: 341-342; Morren ed. 10, p. 94; TL-1: 48; TL-2/1: 306 and see indexes; Tucker 1: 107.

BIOFILE: Anon., *Bot. Centralbl.* 64(41): 64. 1895 (d. 15 Aug 1895, Bucarest).

Barth, H. ed., Von Honterus zu Oberth. Bedeut. siebenbürg.-deut. Naturw., Techn., Med. 128. 1980.

Nedelcu, G.A., Acta bot. Horti Bucurest. Mem. vol. 1984: 3-6 (on B. and herb. BUC).

Pop, E., Contr. Bot. Cluj, Roumania 1973: 7-15 (b. 22 Oct 1846, d. 3 Aug 1895).

Simonkai, L., Enum. fl. transsilv. xii. 1886.

Stefureac, T.I., Stud. Cerc. Biol., Bot. 19(2): 191-195. 1967, 24(2): 169-172. 1972; Acta bot. Horti Bucurest. 1983-1984: 17-24. 1984 (biogr., portr., bibl.; list of 17 papers on B.).

NOTE: D. Brândză left a manuscript *Flora Dobrogei* which was published by S. Stefanescu, Bucurest 1898, xii & 490 p. (n.v., Nat. Nov. Jan (1) 1899).

22.563. Despre *Vegetațiunea Romaniei* și exploratorii ei cu date asupra climei și a regiunilor botanice. Discursu de recepțiune în Academia Română ... citite în ședința publică de la 11 Aprilie 1880. București (Tipographia Academiei Române ...) 1880. Qu.

Publ.: 1880 (read 11 Apr 1880, Nat. Nov. Dec (1) 1880), p. [i], [1]-84. Copy: G. – Reprinted and to be cited from Analele Acad. Rom. ser. 2. 2. sect. 2: 303-380. 1880.

Ref.: N.L., Bot. Zeit. 39: 67. 28 Jan 1881 (rev.).

22.564. Academia Romana. *Vegetațiunea Dobrogei* relațiune prezentată Academiei Române ... București (Tipografia Academiei Române (Laboratorii Români) 1884. Qu.

Publ.: 1884 (Bot. Centralbl. 8-12 Dec 1884), p. [i-ii], [1]-44, pl. 1-2 (chromoliths. A. Faguet).

Copy: G. – Reprinted and to be cited from Analele Acad. Rom. ser. 2. 4. sect. 2: [i-ii], 405-448, pl. 1-2. 1884.

***Brândză, Marcel Alex** (1868-1934), Roumanian botanist and entomologist, lecturer in botany at the Pharmaceutical Faculty and curator of the cryptogamic collections of the Botanical Institute of the University at Bucurest, specialist in Myxomycetes. (*Brândză*).

HERBARIUM and TYPES: BUC, further material in BM, BP, BRA, CERN, HH(FH), IA, NU, NY, P, STR, W. – Issued series of *Myxomycetes de Roumanie* (at HH(FH), IA, NY):

I.	1: 1-30.	Jan 1920	III.	4: 91-102	Mai 1924
II.	1: 1-30.	Oct 1922	III.	5: 103-114.	Mai 1924
II.	2: 31-60.	Oct 1922	III.	6: 115-126.	Jan 1926
II.	3: 61-90.	Oct 1922	IV.	1: 1-12.	s.d.
III.	1: 1-16.	Mar 1924	IV.	2: 13-24.	1925
III.	2: 17-32.	Mar 1924	[IV. 3 not known by Rickett]		
III.	3: 33-90.	s.d.	IV.	4-8: 37-96.	1925.

Ref.: Rickett, H., N. Amer. Fl. 1(1): 155. 1949 (this is not a complete run, fide Rickett).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 288; Barnhart 1: 241 (b. 1 Mar 1868, Jassy, d. 30 Mar 1934); Bossert p. 50; CSP 13: 767; IH 1 (ed. 10): 281, 2: 93; Kew 1: 342; LS suppl. 3530-3542; Rehder 5(index): 116; Stevenson p. 1237; TL-2/1: 306-307.

BIOFILE: Borzam, A., Bull. Jard. Mus. Bot. Univ. Cluj. 14: 199-210. 1927 (bibl., portr.).

Hoff, M. and S.R. Gradstein, Taxon 40(1): 90. 1991 (fungi of Roumania at STR).

Houard, C., Marcellia 28: xliv. 1935.

Lack, H.W. and O. v. Sydow, Willdenowia 13: 415. 1983 (letters to Keck at UPS-UB).

Verdoorn, F., Chron. bot. 1: 244. 1935 (obit. note, d. 30 Mar 1934).

22.565. *Quelques Myxomycètes nouveaux récolté en Moldavie ...* I. Congres al Naturaliștilor din România, Cluj ... 1928. Oct.

Publ.: Apr 1928, cover (identif.), p. [1]-4, 2 pl. Copy: B. – Reprinted and to be cited from Contribuț. bot. Cluj 1(12): 132-135. 1928.

22.566. Contributions à l'étude des *Gastéromycètes* de Roumanie ... Publicatiunile Societatii naturaliştilor din România ... 1932. Oct.

Publ.: 1932, cover-t.p., p. [1]-33, [34], *pl.* 1-6. *Copy*: B. – Reprinted and to be cited from *Publ. Soc. Natural. Romana* 11, 1932, n.v.

Branner, John Casper (1850-1922), American geologist and botanist, born in Newmarket, Tenn., studied at Cornell University, grad. 1874, geologist on the Imperial Geological Commission, Brazil 1875-1877, topographical geologist at the Geological Survey of Pennsylvania 1883-1885, professor of geology at the University of Indiana 1885-1892, State geologist of Arkansas 1887-1892, professor of geology at Leland Stanford Junior University from 1892. (*Branner*).

HERBARIUM and TYPES: NY (40, fossil.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 241 (b. 4 Jul 1850, d. 1 Mar 1922, further refs.); BJI 1: 164; BM 1: 224, 395; IH 2: 93; Rehder 2: 63, 4: 397; Tucker 1: 107.

BIOFILE: Clarke, J.M., James Hall of Albany 426, 539, 540. 1923.

Merrill, E.D., *Ann. Rep. Smithson. Inst.* 1904: 483, 582, 691 (source of our caption).

Stieber, M.T. et al., *Huntia* 4(1): 61. 1981 (2 letters to F.V. Coville).

22.567. *A list of the plants of Arkansas* ... [Annual Report of the geological survey of Arkansas for 1888]. Oct.

Co-author: Frederick Vernon Coville (1867-1937), see TL-2/1: 561.

Publ.: 1891, p. [155]-242, [243]-262 (notes on the botany of Arkansas by F.V. Coville and index). *Copies*: G, MO. – Reprinted and to be cited from *Ann. Rep. Geol. Surv. Arkansas* 1888(4): 155-262. 1891.

Supplement by J.T. Buchholz and E.J. Palmer, *Trans. Acad. Sci. St. Louis* 25: 91-155, *pl.* 6-13. 1926.

Ref.: Anon., *Bull. Torrey bot. Club* 18(12): 377-378. 9 Dec 1891 (rev.).

Brannon, Melvin Amos (1865-1950), American botanist and educator, born at Lowell, Indiana, died 26 Mar 1950 in Gainesville, Florida, Wabash College A.B. 1889, A.M. 1890, studied at Marine Biology College, Woods Hole, Mass. 1891-1894, Ph.D. Chicago 1912, dean of the School of Medicine 1899-1911, id. Liberal Arts 1911-1914 at University of Notre Dame, president University of Idaho 1914-1917, president Beloit Coll., Wisc. 1917-1923, Chancellor Montana 1923-1933. (*Brannon*).

HERBARIUM and TYPES: F (500).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 242 (b. 11 Sep 1865, Lowell, Indiana); IH 2: 93.

BIOFILE: Anon., *Who's who in Amer.* 12: 469. 1922-1923; *Amer. Men Sci. ed.* 6: 256. 1938. Deam, C.C., *Fl. Indiana* 1115. 1910.

Hunt Institution, *Biogr. Dict. Bot. Portr. Coll.* 50. 1972.

Stieber, M.T. et al., *Huntia* 4(1): 61. 1981 (letter).

22.568. The structure and development of *Grinnellia americana*, Harv. ... *Annals of Botany* ... 1897. Oct.

Publ.: Mar 1897 (in journal, *Nat. Nov. Mai* (2) 1897), p. [1]-28, *pl.* 1-4 (uncol. liths.). *Copy*: NY. – Reprinted and to be cited from *Ann. Bot.* 11(41): 1-28, *pl.* 1-4. 1897.

22.569. Some *Indiana Mildews* ... *Proc. Indiana Acad. Sci.* ... 1899. Oct.

Publ.: 1899, in *Proc. Indiana Acad. Sci.* 1898: 291-295. 1899. – LS 3744. – No reprint seen.

22.570. *Influence of growth substances on growth and cell division in green algae* ... *American Journal of Botany* ... 1938.

Co-author: Alfred Frank Bartsch (b. 30 Nov 1913).

Publ.: 1939, in Amer. J. Bot. 26(5): 271-279. 1939. – No reprint seen.

Ref.: Prescott, G.W., Bibl. Desmid. Univ. 70. 1984 (brief note).

Branscheidt, Paul (1893-x), German botanist, born 28 Aug 1893 in Derschlag, Rheinland, “Volksschule” also in Derschlag, secondary school in Bergneustadt (Rheinland) 1904, “Oberrealschule” in Gummersbach 1908-1912, at the University of Göttingen 1912-1914, again at Göttingen 1916, Dr. phil. Göttingen 1917, “Dozent” at the University of Würzburg 1936, as professor 1939 and also as director of the “Institut für angewandte Botanik”. (*Branscheidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 242 (b. 28 Aug 1893).

BIOFILE: Anon., Hedwigia 75(2) (Beibl.): (167). 1936 (e.o. prof. botany); ÖBZ 85(4): 320. 1936 (“ordentlicher Professor für angewandte Botanik”), 88(1): 80. 1939 (director “Institut für angewandte Botanik”).

22.571. Zur *Kenntnis* der Winterknospen unserer Laubhölzer. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Georg August-Universität zu Göttingen ... Wetzlar (Scharfes Druckereien) [1917]. Oct. (*Kenntn. Winterkn. Laubh.*) *Publ.:* 1917, cover-t.p., p. [1]-119, 1 pl. (6 figs.). *Copy:* L.

22.572. Zur *Anatomie und Entwicklungsgeschichte* von *Chaerophyllum aureum* L., insbesondere seiner Achselgelenke ... Botanisches Centralblatt ... 1924. Oct. *Publ.:* 1924, in Beih. Bot. Centralbl., Abt. I, 40: 14-136. 1924. – No reprint seen.

Branth, Jakob Severin Deichmann (1831-1917), Danish botanist (lichenologist), studied theology and botany at Copenhagen University, cand. Theol. 1857, travelled and worked in Germany, Switzerland and Italy 1857, private teacher at Bregentved until 1861; in charge of a highschool in Tønder 1861-1864, catechist at Selskør 1866, vicar at Elling-Tolne 1871-1880, at Ovsted-Taaning 1880-1908, in retirement living at Kolding. (*Branth*).

HERBARIUM and TYPES: C (lich.), further material (also lichens) at B, KIEL, LE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 242; BM 1: 224; IH 2: 93; Jackson p. 333; Kew 1: 342; LS 3745-3746, 31.482-31.485; SBC p. 116.

BIOFILE: Christensen, C., Den Danske Botanisk Historie 1: 456-457. 1925 (brief sketch, portr.), 2: 357-358. 1926 (biogr., bibl., b. 7 Dec 1831, d. 9 Dec 1917).

Jørgensen, H., Folkelaesning 15 Feb 1918 (obituary, n.v.).

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Lind, J., Danish fungi herb. E. Rostrop 27. 1913.

Rosenvinge, L. Kolderup, Bot. Tidsskr. 36: 213-218. 1919 (obit., portr., further biogr. sources).

Warming, E., Bot. Tidsskr., 12: 205. 1881 (curr. vit., lit.).

COMPOSITE WORKS: (1) *Lichener*, in H. Jónsson, *Floraen paa Snaefellsnaes*, Bot. Tidsskr. 22: 173-176. 1899.

(2) *Lichens*, in Duc d'Orléans, *Croisière océanographique ... de la Belgica* 1905, *Botanique* p. 13.

(3) *Lichenes*, in *Botany of the Faeröes* 1: 317-338. 1901, see below.

22.573. *Lavernes udbredelse i den nordlige del af Jylland ... Saerskilt Aftryk af Botanisk Tidsskrift ... Kjøbenhavn* 1867. Oct.

Publ.: 1867, p. [68]-88. *Copy*: G. – Reprinted and to be cited from *Bot. Tidsskr.* 2: 68-88. 1867. – Christensen no. 2.

22.574. *Lichener fra Novaia-Zemlia* samlede paa Dijmphna-Expeditionen 1882-83 af S. Borch og Th. Holm, ... [Dijmphna-Togtets zool.-bot. Udbytte ... 1885]. Oct. (*Lich. Novaia-Zemlia*).

Publ.: 1885 (fide Christensen 2: 357 (no. 10)), p. [1]-7. *Copy*: G. – Preprint (without identification) from C.F. Lütken, ed., *Dijmphna-Togtets zool.-bot. Utbytte* 71-77. 1885 [completed work dated 1887]. – Christensen no. 10.

22.575. *Grønlands Lichen-Flora* ... 1887 ... Kjøbenhavn (Bianco Lunos Kgl. Hof-Bogtrykkeri (F. Dreyer)) 1888. Oct.

Co-author: Carl Christian Howitz Grønlund (1825-1901), see e.g. Christensen p. 309-314, TL-2/1: 1011.

Publ.: Jan-Apr 1888 (imprint 1888, "1887" part of title), cover-t.p., p. 447-513. – Preprinted or reprinted from *Meddel. Grønl.* 3(3): 447-513. 1888. – Grønlund provided a survey of the literature (p. 449-457), further text by Branth. – Christensen no. 11.

Additions: *Tillaeg til Grønlands Lichen-Flora*, p. [751]-762 [index on p. 762 for original publications and additions]. *Copies*: G, U. – *Id.* 3(3): 751-762. 1892. – Christensen no. 12.

Ref.: H.W., *Bull. Torrey bot. Club* 15(6): 147. Mai 1888 (rev.).

Hue, Abbé, *Bull. Soc. bot. France* 35(Bibl.): 133. 1888 (rev.):

22.576. *Lichener fra Scoresby Sund og Hold with Hope* ... 1894 ... Kjøbenhavn (Bianco-Lunos Kgl. Hof-Bogtrykkeri (F. Dreyer)). 1895. Oct.

Publ.: 1895, p. [83, t.p.]-103. *Copy*: G. – Reprinted and to be cited from *Meddel. Grønland* 18: 83-103. 1895. – Christensen no. 15.

Ref.: Anon., *Beih. Bot. Centralbl.* 5: 407-408. 1895.

22.577. *Lichenes from the Faeröes* ... Copenhagen (printed by H.H. Thiele) 1901. Oct.

Publ.: 30 Apr 1901 (date on cover-t.p.), cover-t.p., p. [317]-338, col. folded map. *Copy*: G. – Reprinted and to be cited from "Botany of the Faeröes", part I, Copenhagen 1901, p. 317-338, map. – Christensen no. 19.

Ref.: Anon., *Bot. Centralbl.* 89(5): 124-125. 4 Feb 1902 (rev.).

Bras, Antoine (1803[1802?]-1883), French physician and botanist, sometime maire of Villefranche de Rouergue. (*A. Bras*).

HERBARIUM and TYPES: Some material at MPU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 242 (d. 2 Sep 1883); BL 2: 127, 633; BM 1: 225; Hegi 5(2): 1126; Jackson p. 280; PFC 1: xxxvii, 3(1): viii; Rehder 1: 415; Tucker 1: 107.

BIOFILE: Anon., *Bull. Soc. bot. France* 20(Bibl.): 101. 1873 (mss. *Cat. pl. vasc. Aveyron* finished), 30(Bibl.): 143. 1883 (d. 2 Sep 1883).

22.578. *Catalogue des plantes vasculaires* du Département de l'Aveyron ... Villefranche (Imprimerie et librairie de Veuve Cestan) 1877. Oct. (*Cat. pl. vasc. Aveyron*).

Publ.: 1877, p. [i]-xliv, [xlv-xlvi], [1]-553, [555, add. 557, err.], 1 col. map. *Copies*: G, L. – For additional information on the flora of Aveyron see BL 2: 127.

Ref.: N.L., *Bot. Zeit.* 36(25): 399. 21 Jun 1878 (rev.):

Anon., *Bull. Soc. bot. France* 24(Bibl.): 226-228. 1878 (rev.).

Brasfield, Travis W. (fl. 1937), American mycologist at the State University of Iowa, Iowa City, Iowa. (*Brasf.*)

HERBARIUM and TYPES: IA (orig., *Dacrymycetaceae*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 242; IH 2: 93.

22.579. *The morphology of Podaxis pistillaris* ... [University of Iowa State, Nat. Hist. ... 1937]. Oct.

Publ.: 1937 (in journal), p. [199]-211. *Copy*: L. – Unidentified reprint from Univ. Iowa Studies, Nat. Hist. 17(5): 199-211. 1937.

22.580. *The Dacrymycetaceae of temperate North America* ... Reprinted from The American Midland Naturalist ... 1938. Oct.

Publ.: Jul 1938 (in journal), cover-t.p., p. [i, t.p.], 211-235. *Copy*: L. – Reprinted and to be cited from Amer. Midl. Natural. 20(1): 211-235. 1938.

22.581. *Tropical Dacrymycetaceae* ... Reprinted from Lloydia ... 1938. Oct.

Publ.: Dec 1938, cover-t.p., p. 153-160. *Copy*: L. – Reprinted and to be cited from Lloydia 1: 153-168. 1938.

Brass, Leonard John (1900-1971), Australian botanist, assistant in the Queensland Herbarium 1918-1919, for some years engaged in cattle ranching activities in N. Queensland and the Northern Territory of Australia, on expedition to Papua for Arnold Arb. 1932-1933, id. British Solomon Islands, with the Archbold expedition of the American Museum of Natural History 1933, in 1946 for the New York Botanical Garden on the Vernay expedition to Nyasaland. (*Brass*).

HERBARIUM and TYPES: HH (orig.), further material at B, BM, BO, BR, BRI, F, K, L, NY, NSW, P, S, SING, U, UPS, US, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 242 (b. 27 Mai 1900, Toowoomba, Queensl.); IH 2: 93, 534; Kew 1: 342-343; SK 1: 76-78 (main source), 4: 106, cli, clii.

BIOFILE: Anon., Garden J. 12: 197-198. 1962 (Sc. D. h.c. by Florida State University); Principes 15(4): 138. 1971; Fl. Males. Bull. 26: 1993. 1972.

Deusen, H.M. van, N. Queensl. Nat. 39(156): 2-3. 1971.

Hall, N., Botanists of the Eucalypts, Melbourne 38. 1978.

Hunt Institution, Biogr. Dict. Bot. portr. coll. 50. 1972 (d. 29 Aug 1971).

MacLeod, R. and P.F. Rehbock, Nature in its greatest extent, Honolulu, Hawaii 110. 1990.

Perry, L.M., J. Arnold Arb. 52(4): 695-698. 1971 ("appreciation", portr.).

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22.582. Notes on the *vegetation* of the fly and *Wassi Kussa Rivers*, British New Guinea ... Reprinted ... from Journal of the Arnold Arboretum ... 1938. Oct.

Publ.: 27 Apr 1938 (in journal), cover-t.p., p. 174-190, *pl.* 221-223 (uncol. phot.). *Copy*: L. – Reprinted and to be cited from J. Arnold Arb. 19(2): 174-190, *pl.* 221-223. 1938.

***Braun, Alexander [Carl Heinrich]** (1805-1877), German botanist, born in Regensburg, at the Lyceum of Karlsruhe 1816, started collecting plants 1816, published in "Flora" 1821, at the University of Heidelberg 1824-1827 studying medicine and botany with Louis Agassiz and Carl Friedrich Schimper who also studied botany, at the University of Tübingen 1827-1829, Dr. phil. ib. 1829, professor of botany and zoology at the Polytechnic School in Karlsruhe 1832-1846, at the same time also assistant, later director of the Karlsruhe natural history museum, professor of botany at the University of Freiburg i. Breisgau 1846-1850, id. in Giessen 1850, ultimately professor of botany at the University of Berlin and director of the Berlin Botanical Garden 1851. (*A. Braun*).

HERBARIUM and TYPES: B (main herbarium, partly destroyed), early collections at LZ (destroyed), further material at AUT, BERN, BM, BUC, C, CGE, CLF, DBN, E, F, FB, G, GI, GOET, H, HAL, HBG, HH(FII), K, KBG, KR, L, LD, LE, M, MANCH, NCY, NY, OXF,

REG, PC, PH, S, SI, UPS, W, WRSL.

Note (1): See TL-2/1: 307 for further info, including *Die Characeen Europas* (exsiccatae).

Note (2): Braun's herbarium was bought by the Prussian govt. for his institute after his death (see Flora 61(1): 16. 1878) at 21.000 Mark.

BIBLIOGRAPHY and BIOGRAPHY: ADB 47: 163-165; AG 1: 40, 4: 52, 5(1): 270, 12(3): 573; Ainsworth p. 117, 236, 274; Andrews ed. 2: 241; Barnhart 1: 242 (further refs.); BJI 1: 7; BL 1: 34; BM 1: 225-226; Bossert p. 50; Christiansen p. 28 (index); Clokie p. 137; CSP 1: 583-585, 7: 248, 12: 116; De Toni 1: xvi, 2: xv; DNB 2: 5489; DSB 2: 425-427; DTS 1: 30, 6(4): 19; Frank 3(Anh.): 13-14; GR p. 7; GR, cat. p. 61; Hegi 1: 23; Hortus 3: 1189; IF p. 684; IH 2: 94, 726; Jackson p. 526 (index); Kew 1: 343-344; Langman p. 155; Lasègue p. 566 (index); LS 3754-3772; Moebius p. 448 (index); Morren ed. 2, p. 1; MW p. 52; NDB 2: 548; PR 1095-1098, 1112, 10.543; Ratzeburg p. 76-80; Rehder 5(index): 116-117; RS p. 76; Saccardo 1: 37, 2: 23; SBCp. 116; Stevenson p. 1237; TL-2/1: 307-310 and see indexes; Tucker 1: 108; Urban-Berl. p. 263, 270, 274, 285, 295, 319, 332; Zander ed. 10, p. 639, ed. 11, p. 726.

BIOFILE: Aderhold, R., Gen.-Reg. Bot. Zeit. 1-50: 12. 1895 (8 titles).

Anon., Flora 16(1): 269. 1833 ("als Lehrer der Naturgeschichte an der polytechnischen Schule zu Carlsruh angestellt worden"), 33(2): 576. 1850 (B. called to Giessen, accepted), 34(1): 351. 1851 (called to Philos. Fak., Friedr.-Wilh.-Univ. Berlin, Dir. bot. gard. and herb. Neu-Schöneberg, accepted), 34(2): 574. 1851 (elected to Preuss. Akad. Wiss.); 43: 767. 1860 ("Rother Adler-Orden, III. Classe mit der Schleife"), 60: 175. 1877 (d. 29 Mar 1877), 62(23): 368. 1879 ("Denkmal", Festrede by Eichler); Bot. Zeit. 8(42): 760. 1850 (call to Giessen, accepted); Bonplandia 1(16): 159. 1853 (appointed Leopoldina), 7: 55. 1859 (status in Leopoldina; cognomen Dodartius); Lieder gesungen beim Commers [Bier-Zeitung] zur Feier des 25-jähr. Wirkens des Herrn Professor Dr. Braun an der Friedrich-Wilhelms-Universität zu Berlin am 27. Mai 1876 (*Copies*: B, MO)); ÖBZ 28: 347. 1878 (herb. B. bought by Prussian govt. at 21.000 Mark).

Ascherson, P., Flora 60: 399. 1877 (call for spending for statue).

Bay, J.C. [B.], Flora Gesamt-Register 26-100: 5. 1910.

Becker, K. and E. Schumacher, Bibl. Schriften Ges. naturf. Freunde Berlin 1834-1942, N.F. 13: 137. 1973 (numerous references to publ.).

Behn, W.F.G., Leopoldina 13(5-6): 33. Mar 1877 (d. 29 Mar 1877, 7h. 30 min.).

Bergdolt, E., Karl von Goebel, ed. 2. 22, 23. 1941.

Braun, A. et al., Anzeige: *Die Characeen Mittel-Europas* in getrockneten Exemplaren, Flora 39(14): 223-224. 14 Apr 1856; Bot. Zeit. 14(13): 230-232. 1856.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.167. 1980 (mss. in Gr. Britain).

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Eichler, A.W., Verh. Bot. Ver. Prov. Brandenburg 21: xi-xiv. 1880 (oration unveiling monument); Leopoldina 17: 163-165. 1881 (in memoriam).

Engler, A., Ber. deut. bot. Ges. 23(5): 203-206. 1905 (unveiling B's memorial 14 Mai 1905).

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Fürnrohr, E.A., Flora 41(3): 42-45. 1858 (rev. of fasc. I, *Charac. Eur.*).

Gray, A., Amer. J. Sci. ser. 3. 13: 471. 1877; Sci. Papers 2: 403-405. 1889.

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COMPOSITE WORKS: (1)-(4) see TL-2/1: 308.

- (5) A. Braun contributed to J.G.C. Lehmann, *Plantae Preissianae* 1844/47, see TL-2/4332.
- (6) Co-author with J.F. Klotzsch and C.D. Bouché, *Species novae et minus cognitae* 1851/52, see TL-2/3735. – See below.
- (7) Co-author with J.F. Klotzsch, C.D. Bouché and K.H.E. Koch, *Appendix specierum novarum* 1853, see TL-2/3737. – See also TL-2/3738, 3795. – See below.
- (8) *Characeae*, in F.v. Mueller, *Fragm. Phytogr. Austral.* 1: 43-44. Mar 1858-Dec 1859. – TL-2/6397.
- (9) *Uebersicht des natürlichen Systems nach der Anordnung desselben von A. Braun*, in P.F.A. Ascherson, *Fl. Prov. Brandenburg* 1: 22-146. 1864.
- (10) *Selaginellae* in J. Triana and J.E. Planchon, *Prodr. Fl. Novo-Granat.* 2: 354-390. 1865 (also *Ann. Sci. nat., Bot. ser. 5.* 3: 270-306. 1865).
- (11) *Characeae*, in F.J. Cohn, *Krypt.-Fl. Schlesien* 1(2). Mai 1877, see TL-2/1159.
- (12) *Characeae Australianae* hactenus cognitae a scriptis A. Braun enumeratae, in F.J.H. von Mueller, *Fragm. Phytogr. Austral.* suppl. to vol. 11(2): 45-52. 1880, see TL-2/3: 618.

HANDWRITING: (1) W. Ilg, Hoppea 42: 93. 1984.
(2) Wagenitz, G., Index coll. princ. herb. Gotting. 299. 1982.

NOTE: The son of Alexander Braun, *Johannes Braun* (1859-1893) was a gardener and plant collector, in Cameroon 1887-1888 and 1891, on Madagascar 1892/93. See Leopoldina 29: 56-57. 1893 and his *Botanischer Bericht über die Flora von Kamerun*, Mitt. Forschungsreis. u. Gelehr. Deut. Schutzgeb. 2: 141-176. 1889.

22.583. Dr. Carl Schimper's *Vorträge über die Möglichkeit eines wissenschaftlichen Verständnisses der Blattstellung*, nebst Andeutung der hauptsächlichlichen Blattstellungsgesetze und insbesondere der neuentdeckten Gesetze der Aneinanderreihung von Cyclen verschiedener Maasse ... Allgemeine botanische Zeitung ... 1835. Oct.

Note: Karl [Carl] Friedrich Schimper (1803-1867), see TL-2/5: 165-166.

Publ.: 14 Mar 1835 (in journal), p. [145]-192, 1 pl. (uncol.). Copy: B. – Reprinted and to be cited from Flora 18(10): 145-192, 737-745 [not in reprint], 1 pl. 1835.

22.584. *Species novae et minus cognitae Horti regii botanici berolinensis* ... Berolini (typis C. Feisteri) [1851 or early 1852]. Qu. (*Sp. nov. min. cogn. 1851*).

Authorship of *species novae*: A. Braun, Johann Friedrich Klotzsch (1805-1860), Carl David Bouché (1809-1881).

Publ.: 1851 or early 1852, appendix to *Index seminum in Horto botanico berolinensi anno 1851 collectarum*; index seminum p. [1]-11, *Species novae* p.[12]-14. Copy: G. – 16 new species.

22.585. *Ueber die Lorbeerbäume* (Laurinen) der Gärten ... [Auszug aus den Verhandlungen des Vereins zur Beförderung des Gartenbaues in den Königlichen Preussischen Staaten ... Berlin (Gedruckt bei C. Feister)] 1852. Qu.

Publ.: 1852 (read 28 Sep 1851), cover [identif.], p. [1]-25. Copies: B, L. – Reprinted and to be cited from Verh. Ver. Beförd. Gartenb. Kön. Preuss. Staaten 21(1) (no. 42): 69-83. 1853.

Contents: *Lorbeerbäume* on p. [1]-18, *Über Phytolacca esculenta* on p. 19-25 (also read 28 Sep 1851), reprinted idem.

22.586. *Ueber einige neue oder weniger bekannte Krankheiten der Pflanzen, welche durch Pilze erzeugt werden* ... Berlin (Verlag der Nicolai'schen Buchhandlung) 1854. Oct. (*Krankh. Pfl.*).

Co-authors: Johann Xaver Robert Caspary (1818-1887), see TL-2/1: 464 and Heinrich Anton de Bary (1831-1888), see TL-2/1: 135 and suppl. 1: 359-365.

Publ.: Jan-Feb 1854, cover-t.p., p. [1]-31, pl. 1-2 (uncol. liths.). Copies: B, L. – Also published in Verh. Ver. Beförd. Gartenb. Kön. Preuss. Staaten 21(no. 54): 165-191, pl. 1-2. 1853.

Ref.: H.I., Bot. Zeit. 12: 206. 24 Mar 1854 (rev.).

22.587. *Ueber den Zusammenhang der naturwissenschaftlichen Disciplinen unter sich und mit den Wissenschaften im Allgemeinen. Eine Rede gehalten an der Universität zu Berlin den 14 März 1855* ... Leipzig (Verlag von Wilhelm Engelmann) 1855. Oct. (*Zusammenh. nat.-wiss. Discipl.*).

Publ.: 1855 (after 14 Mar 1855, date of reading), p. [1]-23. Copy: B.

22.588. *The vegetable individual, in its relation to species* ... New Haven (printed by B.L. Hamlen ...) 1855. Oct.

Publ.: Part 1: Mai 1855 (in journal), p. [i], [1]-22. Copies: G, LC, MO. – Reprinted and to be cited from Amer. J. Sci. Arts ser. 2. 19: 297-318. Mai 1855.

Part 2: Nov 1855 and Mai 1856 (in journal), p. [1]-42. Copies: LC, MO. – Id. ser. 2. 20: 181-201. Nov 1855, ser. 2. 21: 58-79. Mai 1856. – Also published in Ann. Mag. Nat. Hist. ser. 2. 16: 233-256, 333-354. 1855, 18: 363-386. 1857.

Note: English version of *Das Individuum der Pflanze* in seinem Verhältniss zur Species, Generationsfolge, Generationswechsel und Generationstheilung der Pflanze, Abh. Kön.

Akad. Wiss. Berlin (Phys.-Math. Kl.) 1853: 19-50 (Erster Theil), 51-106 (Zweiter Theil), 107-122 (Erklärung der Tafeln), *pl. 1-6* (uncol. liths.).

22.589. *Appendix generum et specierum novarum et minus cognitarum quae in Horto regio botanico berolinensi coluntur 1855 ...* [Berolini (typis C. Feisteri) 1855 or early 1856]. Qu. (*Append. gen. sp. Hort. berol. 1855*).

Authorship: A. Braun, C.D. Bouché, J.F. Klotzsch.

Publ.: 1855 or early 1856, appendix with independent pagination to *Index seminum in Horto botanico berolinensi anno 1855 collectorum*, p. [1]-10; *Appendix*: p. [1]-29, see TL-2/3738.

Copies: G, HH.

Appendix plantarum novarum 1856 and Appendix 1857, see TL-2/3740, and below.

22.590. *Über Parthenogenesis bei Pflanzen ...* Berlin (Gedruckt in der Buchdruckerei der Königl. Akademie der Wissenschaften) 1857. Qu. (*Parthenogen. Pfl.*).

Publ.: 1857 (read 23 Oct 1856, Flora 14 Jul 1857), p. [i-ii], [311]-376, *1 pl.* (uncol. lith. auct.).

Copies: G, L, MO. – Preprinted from *Abh. Kön. Akad. Wiss. Berlin (Phys.-Math. Kl.) 1856: 311-376, 1 pl. 1857*.

Ref.: Anon., *Bull. Soc. bot. France 4*(Bibl.): 820-824. Feb 1858.

22.591. *Appendix plantarum novarum et minus cognitarum, quae in Horto regio botanico berolinensi coluntur 1856 ...* [Berlin (Typis C. Feisteri) 1857]. Qu. (*Append. pl. nov. Hort. berol. 1856*).

Publ.: 1856 or early 1857, p. [1]-8. *Copies:* HH, MO. – Issued with *Index seminum in Horto botanico berolinensi anno 1856 collectorum*, p. 1-20. – Contained also *Begoniaceae* by Klotzsch. – See TL-2/3740.

22.592. *Appendix plantarum novarum et minus cognitarum, in Horto regio botanico berolinensi coluntur 1857 ...* [Berlin (Typis C. Feisteri) 1857]. Qu. (*Append. pl. nov. Hort. berol. 1857*).

Publ.: 1857 or early 1858, p. [1]-24. *Copies:* HH, L, MO. – See TL-2/3740.

22.593. *Characeen aus Columbien, Guyana und Mittelamerika, Auszug aus dem Monatsbericht der Königl. Akademie der Wissenschaften zu Berlin ...* 1858. Oct.

Publ.: Jul 1858 (read Jun 1858), p. [349]-368. *Copy:* L. – Reprinted and to be cited from *Monatsber. Kön. Akad. Wiss. Berlin 1858: 349-368*.

22.594. *Index seminum in Horto botanico berolinensi anno 1859 collectorum ...* [Berolini (typis C. Feisteri) 1860]. Oct.

Publ.: Feb 1860 (date on p. 24), p. [1]-24. *Copies:* B, HH. – On p. [21]-24: *Appendix: Selaginellarum, quae in Hortis coluntur, enumeratio emendata* (conf. *index seminum h. Ber. anni 1857, appendix p. 11 et "s"*). – We have not found a copy of the *Index seminum* of 1857.

Note on Index seminum ... anno 1860 collectorum, p. [1]-21. *Copy* at G. – No appendix seen by us.

22.595. *Appendix plantarum novarum et minus cognitarum, quae in Horto regio botanico berolinensi coluntur 1861 ...* [Berolini (Typis C. Feisteri) 1862]. Qu. (*Append. pl. nov. Hort. berol. 1861*).

Publ.: 25 Mar 1862 (see p. 14), p. [1]-14. *Copies:* G, HH. – Issued with *Index seminum Horti botanici berolinensi 1861*. (*Index seminum p. [1], [1]-21*).

22.596. *Ueber die Bedeutung der Morphologie.* Rede zur Feier des acht und sechzigsten Stiftungstages des medicinisch-chirurgischen Friedrich-Wilhelms-Instituts am 2ten August 1862 gehalten ... Berlin (Druck von Gebr. Unger, ...) [1862]. Oct. (*Bedeut. Morphol.*).

Publ.: Aug-Sep 1862 (read 2 Aug 1862, Flora 30 Oct 1862), p. [1]-34. *Copies:* B(2), G.

22.597. *Zwei deutsche Isoëtes-Arten* nebst winken zur Aufsuchung derselben und ein Anhang über einige ausländische Arten derselben [sic "derseben"] Gattung ... Berlin (Druck von Herman Müller) 1862. Oct. (*Zwei deut. Isoëtes*).

Publ.: 20 Dec 1862 (in journal; Flora 20 Jan 1863), p. [1]-37. *Copy:* B. – Preprinted from Verh. bot. Ver. Prov. Brandenburg 3-4: 299-333. 1862. – *Zwei deutsche Isoëtes-Arten* on p. 299-325, *Anhang über einige ausländische Arten der Gattung Isoëtes* on p. 326-333.

Ref.: H.I., Bot. Zeit. 20: 439-440. 12 Dec 1862 (rev.).

H.W.R., ÖBZ 13(1): 28-29. Jan 1863 (rev.).

22.598. Über *Marsilea und Pilularia* ... Monatsberichte der Königl. Akademie der Wissenschaften zu Berlin ... 1863. Oct.

Publ.: Oct 1863 (in journal; Bull. Soc. bot. France rd. before 29 Jan 1864), p. [413]-436. *Copies:* G, L, U. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1863: 413-436.

French version: 1864, *Recherches sur les Marsilea et les Pilularia*, Ann. Sci. nat., Bot. ser. 5. 1: 70-94. 1864.

Ref.: Anon., J. Bot. 2: 28-32. Jan 1864 (rev.); Bull. Soc. bot. France 11(Bibl.): 118-122. Oct 1864 (rev.).

H.I., Bot. Zeit. 22: 97. 1 Apr 1864 (rev.).

22.599. Über die *Isoëtes-Arten der Insel Sardinien* ... Auszug aus dem Monatsbericht der Königl. Akademie der Wissenschaften zu Berlin ... [for Dec 1863, publ. 1864]. Oct.

Publ.: Jan 1864 (read 7 Dec 1863; Bull. Soc. bot. France rd. before 11 Nov 1864), p. 554-624.

Copy: B. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1863(12): 554-624. 1864.

22.600. *Revision of the genus Najas of Linnaeus* ... Reprinted from the Journal of Botany ... [1864]. Oct.

Publ.: 1 Sep 1864 (in journal), p. [1]-8. *Copy:* B. – Reprinted and to be cited from J. Bot. 2: 274-279. 1864.

22.601. *Beitrag zur Kenntnis der Gattung Selaginella* ... Auszug aus dem Monatsbericht der Königl. Akademie der Wissenschaften zu Berlin ... [Berlin 1865]. Oct.

Publ.: Mai 1865 (read on 27 Apr 1865, texts April printed in Mai issue), p. [185]-209. *Copy:* B. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1865: 185-209.

– Title in journal: "Über die Gattung Selaginella".

Ref.: Hermann, J., Hedwigia 4(8): 121-122. Aug 1865 (rev.).

22.602. *Ansprache bei der Eröffnung des Semesters* am 15 October 1865 in der Aula der Königlichen Friedrich-Wilhelms-Universität ... Berlin (Gedruckt in der Druckerei der Königl. Akademie der Wissenschaften) 1865. Qu. (*Anspr. Eröffn. Sem. 1865*).

Publ.: 1865 (read 15 Oct 1865), p. [1]-14. *Copy:* B. – Oration started "Hochgeehrte theure Amtsgenossen! Liebe Commilitonen!".

22.603. *Gedächtnissrede* gehalten am 3. August 1866 auf der Königlichen Friedrich-Wilhelms-Universität ... Berlin (Gedruckt in der Druckerei der Königl. Akademie der Wissenschaften) 1866. Qu. (*Gedächtnissrede 1866*).

Publ.: Aug 1866 (read 3 Aug 1866; Bot. Zeit. 21 Sep 1866), p. [1]-22. *Copies:* B, G. – Deals with the Prussian-Austrian war in which Prussia had been victorious in July. "Gott segne den König und sein Werk". No botany: Braun was in 1866 Rector of the Kön. Friedrich-Wilhelms-Universität.

Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 24: 297-299. 21 Sep 1866.

22.604. [1] Über *Schweinfurthia* eine neue Gattung von Scrophulariaceen. Von A. Braun. [2] Über *Anticharis*, eine Gattung derselben Familie von P. Ascherson ... Berlin (Akademische Buchdruckerei) 1867. Oct.

- Note:* The second part of this reprint is by Paul Friedrich August Ascherson (1834-1913), see TL-2/1: 72-77, and suppl. 1: 186-195.
- Publ.:* Jan 1867 (in journal, read Dec 1866; Bull. Soc. bot. France 26 Apr 1867), cover-t.p., p. [857]-876, 1 pl. (uncol. lith.) and p. 867-884. *Copies:* G, NY. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1866(Dec): 857-884. 1867. – See ING 3: 1581. 1979.
- Ref.:* Anon., Bull. Soc. bot. France 14(Bibl.): 88. Mai 1867 (rev.); Bot. Zeit. 25: 206-208. 28 Jun 1867, 212-216. 5 Jul 1867.
- 22.605.** *Appendix [prima] specierum novarum, minus cognitarum, criticarum, quae in Horto regio botanico berlinensi coluntur. 1867 ... [in Index seminum Horti botanici berlinensi ... 1867].* Qu. (*Append. sp. nov. Hort. berol. 1867*).
- Co-author:* C.D. Bouché (1809-1881).
- Publ.:* late 1867, p. [1]-12, as an appendix included in the *Index seminum* of 1867 with independent pagination. *Copies:* B, HH, L.
- 22.606.** *Appendix altera ad indicem seminum in Horto botanico berlinensi anno 1867 collectarum. Conspectus systematicus specierum generis Silenes (Heliospermatis atque Elishanthes exclusis auctore P. Rohrbach ... [in Index seminum] of 1867 with independent pagination.* Qu. (*Consp. syst. Silenes*).
- Publ.:* late 1867, p. [1]-6, as an appendix [no. 2] included in the *Index seminum* of 1867 with independent pagination. *Copies:* B, HH.
- 22.607.** *Appendix tertia ad index seminum in Horto botanico berlinensi anno 1867 collectorum. Selaginellarum, quae in Hortis aut coluntur, aut colebantur, nomenclator reformatus ... [in Index seminum Horti botanici berlinensi ... 1867].* Qu. (*Selagin. nomencl. reform.*).
- Publ.:* late 1867, p. [1]-4, as an appendix [no. 3] included in the *Index seminum* of 1867 with independent pagination. *Copies:* B, HH.
- 22.608.** *Conspectus systematicus Characearum europearum auctore A. Braun (1867).* Qu. (*Consp. syst. Charac. eur.*).
- Publ.:* 1867, p. [1]-8. *Copies:* B, L; IDC 6345. – No identification of place of publication. – Published by Oct 1867 (Hedwigia 6: 160. 1867).
- 22.609.** *Über die australischen Arten der Gattung Isoëtes ...* Berlin (Buchdruckerei der Königl. Akademie der Wissenschaften, ...) 1868. Oct.
- Publ.:* Aug-Sep 1868 (read 13 Aug 1868; B rd. before 11 Dec 1868, Flora 8 Dec 1868), p. [i, t.p.], [523]-545. *Copies:* B, G. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1868: 523-545.
- Ref.:* Anon., Bull. Soc. bot. France 16(Bibl.): 10. 1869 (rev.).
R., Bot. Zeit. 27: 685-687. 8 Oct, 704-706. 15 Oct 1869.
- 22.610.** *Index seminum in Horto berlinensi anno 1868 collectorum ... [Typis C. Feisteri (L. Mewesii) Berolinensis ... 1868].* Qu. (*Index semin. Hort. berol. 1868*).
- Authorship of Index seminum s. str.:* A. Braun, C. Koch, P. Ascherson, C.D. Bouché, but the taxonomic notes on p. 24 are by A. Braun.
- Publ.:* late 1868, p. [1]-24. *Copies:* B, G.
- 22.611.** *Eine neue in Neuseeland entdeckte Art der Gattung Isoëtes ...* Auszug aus dem Monatsbericht der Königl. Akademie der Wissenschaften zu Berlin ... 1869. Oct.
- Publ.:* briefly after 22 Jul 1869 (date of reading), p. [1]-3, [4, imprint]. *Copy:* B. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1869: 648-651.
- Ref.:* R., Bot. Zeit. 28: 94-95. 11 Feb 1870 (rev.).
- 22.612.** *Über zwei am 26 Juli bei Berlin vom Blitz getroffene Eichen ...* Aus dem Monatsbericht der Kgl. Akademie der Wissenschaften zu Berlin ... 1869. Oct.

Publ.: Aug-Sep 1869, p. [1]-7, [8, impr.]. *Copies*: B, G. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1869: 698-702.

22.613. *Über eine Mißbildung von Podocarpus chinensis* nebst Bemerkungen über die Blütenbildung dieser Gattung ... Berlin (Buchdruckerei der Königlichen Akademie der Wissenschaften (G. Vogt)) 1869. Oct.

Publ.: Oct-Nov 1869 (read 14 Oct 1869), p. [i, t.p.], [iii, recto of 738], [738]-744. *Copies*: B, G. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1869: 738-744.

22.614. *Neuere Untersuchungen über die Gattungen Marsilea und Pilularia* ... Berlin (Buchdruckerei der Kgl. Akademie der Wissenschaften (G. Vogt)) ... 1870. Oct.

Publ.: Aug-Sep 1870 (read Aug 1870), p. [i], [653]-753. *Copy*: L. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1870: 653-753.

Follow-up: Aug-Sep 1872 (in journal), *Nachträgliche Mittheilungen über die Marsilea und Pilularia*, ib. 1872: 635-679. – Identification table, p. 668-679, also published as *Clavis emendata Marsilearum et Pilularium* in J. Bot. 11: 55-61. 1873.

Ref.: Anon., Bot. Zeit. 29(38): 629-644. 22 Sep 1871 (rev.); Bull. Soc. bot. France 18(Bibl.): 175-176. Jul 1872 (rev.), 20(Bibl.): 164. Dec 1873 (rev. follow-up).

22.615. *Die Eiszeit der Erde* ... Berlin (C.G. Lüderitz'sche Verlagsbuchhandlung A. Charisius). 1870. Oct. (*Eiszeit Erde*).

Publ.: 1870, cover-t.p., p. [1]-43, [44, impr.]. *Copy*: G. – Sammlung gemeinverständlicher wissenschaftlicher Vorträge herausgegeben von Rud. Virchow und Fr. v. Holtzendorff, ser. 4, Heft 94.

22.616. *Zwei Mittheilungen über Adventivknospen von Calliopsis tinctoria* ... Berlin (Druck von Herman Müller, ...) 1871. Oct.

Co-author: Paul Wilhelm Magnus (1844-1914), see TL-2/3: 245-247.

Cover-t.p.: 1871, p. [i], special title for the combination of Braun's and Magnus' papers.

[1, A. Braun: *Ueber abnorme Bildung von Adventivknospen* ...]: 28 Sep 1871 (in journal), p. 151-159. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 12: 151-159. 1871.

[2, P. Magnus: *Ueber die anatomischen Verhältnisse der Adventivknospen bei Calliopsis tinctoria*]: 28 Sep 1871 (id.), p. 159-161. – Id. 12: 159-161. 1871.

Copies: B, G.

Note: See also abstract in Z. Gesammt. Naturw., Halle 4: 198-201. 1871.

22.617. *Ueber die Bedeutung der Entwicklung in der Naturgeschichte*: Rede zur Feier des Stiftungstages des medicinisch-chirurgischen Freidrich-Wilhelms-Instituts am 2 Aug 1872 ... Berlin (Buchdruckerei von Gustav Lange (Otto Lange)) 1872. Oct. (*Bedeut. Entw. Naturgesch.*).

Publ.: Aug 1872 (read 2 Aug 1872; Bot. Zeit. 30 Aug 1872 (note of publ.), also 25 Oct 1872), p. [1]-56. *Copies*: B, G, MO.

Ref.: Anon., Bull. Soc. bot. France 21(Bibl.): 208-209. 1875 (rev.).

Schmid, G., Goethe und die Naturwissenschaften: eine Bibliographie 181 (no. 1857). 1940.

22.618. *Appendix observationum botanicarum ad indicem seminum in Horto berolinensi anno 1872 collectarum* ... [Berlin (Typis C. Feisteri (L. Mewesii) Berolinensis) 1873]. Qu. (*Append. obs. bot. Hort. berol. 1872*).

Authorship: A. Braun, P. Ascherson, C.D. Bouché, I. Urban, W. Vatke.

Publ.: early 1873, p. [1]-5. *Copy*: HH.

Note: for *Appendix plantarum novarum 1871*, publ. 1872, see TL-2/3795.

22.619. *Plantae novae a cl. Hildebrandt ex Africa orientali allatae*, a. 1874 in horto Berolinensi cultae ... [in *Index seminum* in horto botanico berolinensi anno 1874 collectorum ... Berlin (Typis C. Feisteri (L. Mewesii)) ... 1874]. Qu. (*Pl. nov. Hildebrandt*).

Collector: Johann Maria Hildebrandt (1847-1881), see IH 2: 275.

Authorship: Index seminum: A. Braun, C. Koch, P. Ascherson, C.D. Bouché; *Plantae novae* by A. Braun and C.D. Bouché.

Publ.: late 1874, text on p. 18 of *Index seminum ...* 1874, 1-18. *Copy:* B.

22.620. *Bemerkungen über Placentenbildung ...* Berlin (Druck von W. Hecht, ...) 1875. Oct. *Publ.:* 1 Apr 1875 (in journal, read 30 Jan 1874 [sic, possibly err. for 1875]), cover-t.p., p. [45]-54. *Copies:* B, G. – Reprinted and to be cited from Verh. Bot. Ver. Prov. Brandenburg 16(2): 45-54. 1875.

22.621. Ueber eine *Monstrosität von Lilium candidum* und über die Ausläuferbildung in der Gattung *Mentha* ... Besonders abgedruckt aus den Verhandlungen des botanischen Vereins der Provinz Brandenburg von 1874 [1875]. Oct.

Publ.: 1 Apr 1875 (in journal), p. [110]-114. *Copies:* B, G. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 16(2): 110-114. 1875.

22.622. Ueber *pseudotetramere* Blüten ... Besonders abgedruckt aus der Botanischen Zeitung ... 1875. Qu.

Publ.: 30 Apr 1875 (in journal; read 29 Jan 1875), p. [1-2]. *Copy:* B. – Reprinted and to be cited from Bot. Zeit. 32(18): 308-312 [columns]. 1875.

22.623. Die Frage nach der *Gymnospermie der Cycadeen* erläutert durch die Stellung dieser Familie im Stufengang des Gewächsreichs ... Berlin (Buchdruckerei der Königl. Akademie der Wissenschaften (G. Vogt)). 1875. Oct.

Publ.: Mai 1875 (read 22 Apr 1875; Flora Sep 1875, Bot. Zeit. 29 Oct 1875), p. [i, t.p.], [241]-377, [iii, verso of p. 377]. *Copies:* G, L. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1875: 241-377. 1875.

Ref.: Anon., Bull. Soc. bot. France 23(Bibl.): 184-187. Mai 1877.

22.624. *Abnorme Fichtenzapfen ...* [Separat-Abdruck aus "Flora" 1875]. Oct.

Publ.: 11 Sep 1875 (in journal), p. [1-2]. *Copy:* B. – Reprinted and to be cited from Flora 58(26): 412-414. 1875.

22.625. Ueber *Lepidozamia* ... Besonders abgedruckt aus dem Sitzungsbericht der Gesellschaft naturforschender Freunde zu Berlin ... 1875. Oct.

Publ.: 1875 (read 16 Feb 1875), cover-t.p., p. [1]-8. *Copies:* B, G. – Reprinted and to be cited from S.B. Ges. naturf. Freunde Berlin 1875: 29-37. – Imprint on p. 8 of reprint: "A.W. Schade's Buchdruckerei (L. Schade) in Berlin, ...".

22.626. *Die Veränderlichkeit der Zapfen der Fichte* ... Separatabzug aus den Sitzungsberichten des botanischen Vereins der Provinz Brandenburg ... [1876]. Oct.

Publ.: 8 Jul 1876 (in journal), p. [13]-17. *Copy:* B. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 18(1): 13-17. 1876.

22.627. *Bemerkungen über Agaveen* .. Aus den Sitzungsberichten der Gesellschaft naturforschender Freunde zu Berlin ... 1876. Oct.

Publ.: 1876 (read 18 ["11" corrected in ink by Braun] Jan 1876), p. [1]-5. *Copies:* B, G, L. – Reprinted and to be cited from S.B. Ges. naturf. Freunde Berlin 1876: 2-6.

22.628. Ueber *Hildebrandt'sche Pflanzen* ... Aus den Sitzungsberichten der Gesellschaft naturforschender Freunde zu Berlin ... 1876. Oct.

Collector: Johann Maria Hildebrandt (1847-1881), see IH 2: 275.

Publ.: 1876 (read 18 ["11" corrected in ink by Braun] Jan 1876), p. [1]-2. *Copies:* B, G(2). – Reprinted and to be cited from S.B. Ges. naturf. Freunde Berlin 1876: 6-8.

22.629. *Bemerkungen über einige Cycadeen ...* Berlin (A.W. Schade's Buchdruckerei (L. Schade)) 1876. Oct.

Publ.: Nov 1876 (read 17 Oct 1876; Bull. Soc. bot. France rd. by 8 Dec 1876, id. Flora by 21 Dec 1876), p. [i], [113]-125. *Copies*: B, G, L. – Reprinted and to be cited from S.B. Ges. naturf. Freunde Berlin 1876: 113-125.

22.630. *Ueber die Bedeutung der Pflanzenkunde für die allgemeine Bildung.* Rede gehalten bei Eröffnung des Victoria-Lyceums in Berlin am 5 Januar 1871 von Dr. Alexander Braun, weil. ord. Prof. der Botanik an der K. Universität zu Berlin, herausgegeben von Prof. Dr. Robert Caspary in Königsberg ... Berlin (Verlag von August Hirschwald ...) 1877. Oct. (*Bedeut. Pfl.-K. allg. Bild.*).

Editor: Johann Xaver Robert Caspary (1818-1887), see TL-2/1: 464-465.

Publ.: 1877 (posthumous publ.), cover-t.p., p. [1]-24. – *Copies*: B, MO.

Note: Victoria Lyceum in Berlin was a school for continuing education of ladies ("Damen").

Ref.: Anon., Bot. Zeit. 35(49): 786-787. 7 Dec 1877 (rev.).

R., ÖBZ 28: 141. 1 Apr 1878 (rev.).

22.631. *Die Pflanzenreste des ägyptischen Museums in Berlin.* Vortrag, gehalten in der Sitzung der Berliner Anthropologischen Gesellschaft am 15 April 1871 von A. Braun. Aus dem Nachlasse des Verfassers herausgegeben von P. Ascherson und P. Magnus. Berlin (Verlag von Wiegandt, Hempel & Parey ...) 1877. Oct.

Editors: Paul Friedrich August Ascherson (1834-1913), see TL-2/1: 72-77 and suppl. 1: 186-195, and Paul Wilhelm Magnus (1844-1914), who wrote a "Vorbemerkung" on p. [3], see TL-2/3: 245-247.

Publ.: 1877 (Bot. Zeit. 26 Oct 1877), p. [1]-24. *Copies*: B, G, MO. – Reprinted and to be cited from Z. Ethnol. 9: 289-310. 1877.

English translation: 1877 in J. Bot. 17: 19-23. Jan, 48-62. Feb, 91-92. Mar 1877. – *On the vegetable remains in the Egyptian Museum in Berlin.*

Ref.: Buchinger, J.D., Bull. Soc. bot. France 25(Bibl.): 1-4. Aug-Sep 1878.

22.632. *Die Beschreibungen einiger von J.M. Hildebrandt in Ostafrika entdeckter Pflanzen ...* [Monatsberichte der Königlichen Preussischen Akademie der Wissenschaften zu Berlin] ... Berlin (Buchdruckerei der Kgl. Akademie der Wissenschaften ...) 1877. Oct.

Collector: Johann Maria Hildebrandt (1847-1881), see IH 2: 275.

Publ.: 1877 (read 14 Dec 1876), p. [i, identif.], 855-867. *Copy*: B. – Reprinted and to be cited from Monatsber. Kön. Akad. Wiss. Berlin 1876: 855-867. 1877.

22.633. *Ueber die Samen ...* Berlin (Verlag von Carl Habel ...) 1878. Oct. (*Samen*).

Publ.: 1878 (Bot. Zeit. 19 Jul 1878), cover-t.p., p. [1]-31. *Copies*: B, L. – Reprinted and to be cited from Samml. gemeinverständl. Wiss. Vorträge (ed. R. Virchow and Fr. von Holtzendorff) ser. 3. Heft 298: 395-423. 1878. – Postscript by L. Kny on A. Braun on p. 29-31.

***Braun, Carl [Karl] Friedrich Wilhelm** (1800-1864), German (Bayreuth-born) palaeobotanist, at pharmacy in Regensburg 1814 [sic]-1819, employed with a pharmacy in Salzburg 1819-1821, turned to botany with Hoppe, worked with Sternberg in Praha 1821, studied physiology and natural history at Erfurt 1821-1823, pharmacist at Regensburg in his father's pharmacy 1823-1831, teacher at Bayreuth at an agricultural college 1833 as well as continuing his palaeontological activity. (*Braun*).

HERBARIUM and TYPES: Some material at REG; most of his palaeobotanical material at WB (584 nos.).

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 269-271 (bibl.); Andrews ed. 2: 241-242; Barnhart 1: 243; BM 1: 226; CSP 1: 585; DTS 1: xviii, 30, 6(4): 17, 25; Hortus 3: 1189; Jackson p.

177, 180, 185; PR 1109; Quenstedt p. 56; Ratzeburg 1: 80; Saccardo 1: 37-38; TL-2/1: 310 and see indexes.

BIOFILE: Anon., Flora 3(2): 638. 1820 (in Salzburg), 12(2): 493. 1829 (coll. Tirol); 47: 424. 1864 (d.).

Baillon, H.E., Dict. bot. 1: 490. 1878.

Haidinger, W.K. von, Jahrb. geol. Reichsanstalt Wien 14, Verh.: 147-148. 1864.

Hausmann zu Stetten, F.v., Fl. Tirol 1174. 1854.

Ilg, W., Hoppea 42: 310, 319. 1984 (member Regensb. bot. Ges. 1837).

Popp, O., ÖBZ 14: 313-320. 1864 (main biogr., b. Bayreuth 1 Dec 1800, d. ib. 20 Jun 1864).

Schlechtendal, D.F.L. von, Bot. Zeit. 22: 232. 1864 (called himself Friedrich Braun).

Ratzeburg, J.I.C., Forstwiss. Schriftsteller-Lexikon 80. 1874.

Stieber, M.T. et al., Huntia 4(1): 62. 1981 (plant label, mss.).

Walther, A., ÖBZ 14: 224. 1864 (brief obit.).

Weiss, Bayreuth als Stätte alter erdgeschichtlicher Entdeckungen. Bayreuth 1937, p. 24-32 (portr.).

Braun, Ernst (fl. 1933), German (Schömburg, Württemberg) pharmacist, studied at the University of Basel, Dr. phil. ib. 1933 (*E. Braun*).

NOTE: No further information beyond his thesis.

22.634. Zur *Pharmakognosie der Ericaceen und Primulaceen*. Anatomie des Laubblattes. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Philosophischen Fakultät der Universität Basel von Ernst Braun approb. Apotheker aus Schömburg O.-A. Freudenstadt (Württemberg). Lörrach-Stetten (Buchdruckerei Karl Schahl) 1933. Oct. (*Pharmakogn. Eric. Primul.*).

Publ.: 1933 (Nat. Nov. Dec 1933), cover, p. [i-viii], 1-102, 1 table. Copies: G, L.

Braun, Heinrich (1851-1920), Austrian botanist, alderman at Vienna. (*Heinr. Braun*).

HERBARIUM and TYPES: W(9000), further material at B (herb. Ullepitsch), GOET, HH(A), IAC, L, LE, PRC. – *Exsiccatae* in M. Willkomm, *Algen* 1890, see Bot. Centralbl. 44(52): 432. 24 Dec 1890.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 95; Barnhart 1: 243 (b. 13 Feb 1851, Wien, d. 3 Sep 1920, Wien); BM 1: 226, 769; DTS 1: 30, 6(4): 80; Futak-Domin p. 122, 233; Hegi 4(2): 1019; Hortus 3: 1189; IH 2: 94; Kew 1: 344; KR p. 101; Morren ed. 10, p. 30; Rehder 5(index): 117; Tucker 1: 108.

BIOFILE: Anon., Bot. Not. 1920: 215 (d.).

Janchen, E., Cat. Fl. Austr. 1: 6, 12, 31. 1956.

Lack, H.W. and O. v. Sydow, Willdenowia 13: 415. 1983 (letters to Keck at UPS-UB).

Stapf, O., Denkschr. math.-nat. Cl. kais. Akad. Wiss., Wien 51(2): 327. 1886 (material Polak Exp. in Persia).

Wagenitz, G., Index coll. princ. herb. Gotting. 30-31. 1982 (herb. mat. GOET).

COMPOSITE WORKS: (1) Co-author with E. von Halácsy, *Nachtr. Fl. Nieder-Oesterr.* Mar-Jul 1882, see TL-2/2270. – *Berichtungen zu "Nachtr. ..."*, ÖBZ 32(9): 302-303. 1882; review J.F. Freyn, Bot. Centralbl. 12(51): 400-402. 11-15 Dec 1882 (detailed rev.).

(2) See Karl Reching, *Beitrag zur Flora von Persien* [Wien 1889], TL-2/8723, based on plants collected by J.A. Knapp 1884; part 1, Verh. zool.-bot. Ges. Wien 39: 213-239. 1889 (Labiatae) written by Knapp (see also Nat. Nov. Jul (1) 1889).

NOTE: Published a series of papers "*Flora von Oesterreich-Ungarn*" in ÖBZ 39: 233-236, 276, 277, 310, 311, 343-346, 375-378. 1889, 40: 243-246, 461-464. 1890, 41: 29-32. 1891.

22.635. *Beiträge zur Kenntniss einiger Arten und Formen der Gattung Rosa ...* [Verh. zool.-bot. Ges., Wien ... 1885]. Oct. (*Beitr. Kenntn. Rosa*).

Publ.: Early Jul 1885 (see Bot. Centralbl. 23: 112. 13-24 Jul 1885; Nat. Nov. Sep (1) 1885), p. [61]-136, *pl.* 8-9 (uncol. liths. Dr. Beck). *Copies:* B, HH, NY. – Preprinted from Verh. k.k. zool.-bot. Ges. Wien 35(1): 61-136. late Aug 1885.

Note (1): A review by v. Borbás, ÖBZ 35: 324-325. 1 Sep 1885, cites the preprint with pagination [1]-78. We failed to find a copy of this issue.

(2) See also a list of species treated in Futak-Domin p. 122.

22.636. *Beitrag zur Flora von Persien.* Bearbeitung der von J.A. Knapp im Jahre 1884 in der Provinz Adserbidschan gesammelten Pflanzen herausgegeben von Dr. Richard Ritter v. Wettstein. I. *Labiatae ...* Aus den Verhandlungen der k.k. zoologisch-botanischen Gesellschaft in Wien [Jahrgang 1889] besonders abgedruckt ... [Wien 1889]. Oct.

Collector: Josef Armin Knapp (1843-1899), see TL-2/2: 572, IH 2: 370.

Publ.: late Jun 1889 (in journal), p. [1]-27, *pl.* 6 (uncol. lith. A. Wimmer). *Copy:* G. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 39(2): 214-239, *pl.* 6. 1889.

22.637. *Ueber einige Arten und Formen der Gattung Mentha, mit besonderer Berücksichtigung der in Oesterreich-Ungarn wachsenden Formen ...* Wien (Im Inlande besorgt durch A. Hölder, ...) 1890. Oct.

Publ.: late Oct 1890 (in journal; Nat. Nov. Dec (2) 1890), p. [1]-160. *Copies:* G, L. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 40(2): 351-508. 1890.

Ref.: Anon., ÖBZ 41: 13. 1 Jan 1891 (literature rd. Nov 1890).

Koeltz, O., Catalogue 235, no. 2943. 1974.

22.638. *Über einige neue Formen der Gattung Mentha ...* Sonder-Abdruck aus Leimbach, Deutsche botanische Monatsschrift ... 1895. Oct.

Co-author: Anton Topitz (1857-1948), see TL-2/6: 393-394.

Publ.: [1]: Nov 1895, p. [145-148]. *Copy:* L. – Reprinted and to be cited from Deut. bot. Monatsschr. 13(11): 145-148. 1895.

2: Dec 1895, p. [169-171]. *Copy:* L. – Id. 13(12): 169-171. 1895.

3: Apr-Mai 1896, p. [55-59]. *Copy:* L. – Id. 14(4-5): 55-59. 1896.

[4]: Oct-Nov 1896, p. [140-145]. *Copy:* L. – Id. 14(10-11): 140-145. 1896.

Braun, Carl Philipp Johann Georg (1870-1935), German (born Biebrich am Rhein) pharmacist and botanist, Dr. phil. Basel 1900, employed at the Biological-Agricultural Institute in Amani, Tanganyika, ultimately as head of the “Biologische Reichsanstalt für Land- und Forstwirtschaft” ib. (*C.P. Braun*).

HERBARIUM and TYPES: B, further material at K, MO, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 243 (b. 14 Mar 1870); IH 2: 94; Kew 1: 345; Rehder 2: 529; Urban-Berl. p. 332.

BIOFILE: Anon., Hedwigia 75(2) (Beibl.): (165). 1936 (d. 27 Oct 1935).

22.639. *Beiträge zur Anatomie der Adansonia digitata L.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Hohen Philosophischen Fakultät der Universität Basel ... Basel (Fr. Reinhardt, Universitäts-Buchdruckerei ...) 1900. Oct. (*Beitr. Anat. Adansonia*).

Publ.: 1900, p. [1]-56. *Copies:* B, G, MO, NSUB/GOET.

22.640. *Die Agaven, ihre Kultur und Verwendung mit besonderer Berücksichtigung von Agave rigida var. sisalana Engelm. ...* Tanga (Deutsch-Ost-Afrika) 1906. Oct.

Publ.: 28 Sep 1906 (in journal), cover-t.p., p. [209]-310. *Copy:* B. – Reprinted and to be cited from Der Pflanzler 2(14-20): 209-310. 1906.

"Nachträge" zu meiner Arbeit über *Sisalagaven*: Der Pflanze 2(22): 347-351. 1906.
 "Nachträge und Verbesserungen": 2 Mai 1908, cover-t.p., p. 49-112, 112a, err. sheet. Copy:
 B. – Reprinted and to be cited from Der Pflanze 4(4): 49-112a. 1908.
 Ref.: Solms-Laubach, H., Bot. Zeit. 65(II): 171. 16 Mai 1907 (brief rev.).

22.641. *Der Reis in Deutsch-Ostafrika ...* Heidelberg (Carl Winter's Universitätsbuchhandlung) 1908. Oct.

Publ.: 1908, cover-t.p., p. [1]-51. Copy: B. – Reprinted and to be cited from Ber. Land-Forstwiss. Deutsch-Ostafrika 3(4): 167-217. 1908.

22.642. *Die Strophanthus-Arten von Deutsch-Ostafrika ...* Sonderabdruck aus der "Pflanze", ... Tanga D.O.A. [Deutsch-Ost-Afrika]. 1910. Oct.

Publ.: 1910, cover-t.p., p. [291]-301. Copy: B. – Reprinted and to be cited from Der Pflanze 6: 291-301. 1910.

22.643. Bericht über eine Reise durch die Bezirke Tanga und Amani ... Sonderabdruck aus dem Pflanze ... [1911]. Oct.

Publ.: 1911, p. [i, recto of [1], i.e. 707], [1]-16. Copy: B. – Reprinted and to be cited from Der Pflanze 7(12). 707-722. 1911.

Braun, [Emma] Lucy (1889-1971), American (Cincinnati, Ohio born) botanist, of a family of German-French (mother), English (father) descent, educated at Cincinnati public schools, studied at the University of Cincinnati, B.A. 1910, M.A. geol. 1912, Ph.D. bot. 1914, assistant in geology 1910-1913, id. botany 1914-1917, instructor in botany 1917-1923, assistant professor 1923-1926, associate professor of botany 1927-46, id. plant ecology 1946-1948, emeritus 1948-1971, all at Cincinnati. (*Lucy Braun*).

HERBARIUM and TYPES: CINC, further material at HH(A, GH), MO, NY, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 243; BL 2: 207; GR p. 206; Hortus 3: 1189; IF suppl. 4, p. 314; IH 2: 94.

BIOFILE: Anon., Ohio J. Sci. 71(4): 247-248. 1971 (obit.).

Browne, E.T., Trans. Kentucky Acad. Sci. 25: 80. 1964.

Ewan, J. et al., Short hist. bot. U.S. 122, 127. 1969.

Frodin, D.G., Guide standard floras world 149/121a, 152/122b. 1984.

Stieber, M.T. et al., Huntia 4(1): 62. 1981 (archival material at HU), 4(2): 153. 1982.

Stuckey, R.L., Mss. biography 4 p. s.d. (main source for our caption, b. 19 Apr 1889, d. 5 Mar 1971); Mich. Bot. 12: 83-106. 1973; in Notable American Women, Harvard Univ.

Press 102-103. 1980; E. Lucy Braun: Ohio's foremost woman botanist, collection of biogr.-account, maps, photos, for E. Lucy Braun Symposium 5 Mai 1990. Cincinnati.

NOTES: (1) Outside our period: *The woody plants of Ohio* 1961, facsimile ed. 1969, 362 p., see Taxon 20: 187. 28 Feb 1971.

(2) id. *Deciduous forests of Eastern North America* 1950, facsimile ed. 1964, 586 p., see Taxon 13: 295. 1964.

22.644. *The vegetation of Pine Mountain, Kentucky ...* The American Midland Naturalist ... 1935. Oct.

Publ.: 6 Jul 1935 (in journal), cover-t.p., p. 517-565, 1 fold. table. Copy: NY. – Reprinted and to be cited from Amer. Midl. Natural. 16(4): 517-565. 1935.

22.645. *An annotated catalog of Spermatophytes of Kentucky ...* Cincinnati, New York, Chicago, St. Louis (Planographed by John S. Swift Co., Inc.) 1943 (single gathering). (*Ann. cat. Spermatoph. Kentucky*).

Publ.: 1943, p. [i], [1]-161. Copy: MO.

Braun, Waldemar (1883-?), German physician and botanist, Baden-Baden born (18 Jan 1883), educated at the humanistic Gymnasium Rastatt, studied medicine at the universities of Würzburg, Strassburg and Berlin, med. exam. 1916, Dr. med. Berlin 1919, practicing in a gynaecological clinic for three years, military physician on active duty 1916-1919, from 1925 dedicating himself to botanical and cytological studies, Dr. phil. Berlin 1930. (W. Braun).

HERBARIUM and TYPES: Unknown.

22.646. *Die Haploidgeneration der Dipsacaceen* und ihre Bedeutung für die systematische Stellung dieser Familie. Inaugural-Dissertation zur Erlangung der Doktorwürde der Hohen Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... Berlin (Druck: Graphisches Institut Paul Funk) 1929. Qu. (*Haploidgen. Dipsac.*).

Publ.: 1929 (preissued, the actual promotion took place on 4 Jun 1930 with P.N. Schürhoff and L. Diels), cover-t.p., p. [1]-45. *Copy*: B.

Ref.: Krause, K., Bot. Jahrb. 64(Lit.): 30-31. 12 Mar 1931 (rev.).

***Braun-Blanquet, Josias** (until 1915 Josias Braun) (1884-1980), Swiss geobotanist, born in Chur, student at Zürich, originally following a business career, from 1905-1912 also following geobotanic instructions from Schröter, Brockmann-Jerosch and Rübel, from then on fully dedicated to geobotany and plant-sociology, studied at Montpellier 1913-1915, Dr. phil. ib. 1915, habil. Zürich 1923, assistant with Rübel 1915-1922, lecturer 1922-1926, moved to Montpellier 1926, in charge of the International station for alpine and mediterranean geobotany (SIGMA) 1927-1980; founder of the French-Swiss school of phytosociology. (*Braun-Blanq.*).

HERBARIUM and TYPES: SIGMA, further material at B, BERN, BRSL, C, CHUR, GB, LAU, MPU, RAB, U, W, WAG, WRSL, Z.

Flora rhaetica exsiccata 1: nos. 1-100. Jan 1918, 32 p.p. (schedae).

2: nos. 101-200. 1919, Jahresber. naturf. Ges. Graubündens (id.) 59: 153-181. Mai 1919.

3: nos. 201-300. Mai 1920, id. 60: 1-29. 1921 (id.).

4: nos. 301-400. Jun 1921, id. 60: 169-197. 1921 (id.).

5: nos. 401-500. Jun 1922, id. 61: 15-43. 1922 (id.).

6: nos. 501-600. Jun 1923, id. 62: 71-110. 1923 (id.).

7: nos. 601-700. 1924.

8: nos. 701-800. 1925.

9: nos. 801-900. 1926.

10: nos. 901-1000. [1927-1928].

11: nos. 1001-1100. 1929, Anhang id. 68: 87-113. 1929-1930 (id.).

12: nos. 1101-1200. Jun 1931, id. 69: 115-142. 1931.

13: nos. 1201-1300. Jun 1938.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 171; Barnhart 1: 243; BFM p. 276 (index); BJI 1: 44, 2: 633-634 (index); BL 1: 44, 2: 109, 150, 572, 573, 587, 633-634 (index); Bossert p. 51; Futak-Domin p. 122; GR p. 638; Hegi 6(2): 1259; Hortus 3: 1189; IH 2: 94, 364, 592; Kew 1: 345-346; Langman p. 115, 155; LS suppl. 3570; Moebius p. 375; PFC 2(2): xix-xx, 3(1): xi, 3(2): xiii; Plesch p. 155; TL-2/1: 310-311 and see indexes; Urban-Berl. p. 274; Zander ed. 10, p. 639-640, ed. 11, p. 727.

BIOFILE: Anon., Doc. Phytosoc. 7-8: [v]. 1974 (portr.).

Bolós, O. de, Vegetatio 48(3): 193-196. 1982 (obit., portr.).

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- Tomaselli, R., *Atti Ist. Bot. Univ. Pavia ser. 6*. 10: 3-6. 1975.
- Wendelberger, G., *Verh. zool.-bot. Ges. Österreich* 120: 113-115. 1982.
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COMPOSITE WORKS: (1) Contributed to G. Hegi, *Ill. Fl. Mitt.-Eur.* 4(2), 5(1), see TL-2/2571. (2) Map 30, *Callitris articulata*, in E. Hanning and H. Winkler, eds., *Pflanzenareale ser. 1*. 3: no. 4. 1927.

(3) *Les Phanérogames*, in P. Allorge et al., *Histoire du peuplement de la Corse, Étude biogéographique* p. 237-245. 1925.

22.647. *Neue Formen und Standorte für die Bündner Flora ...* Chur (Hermann Fiebig's Buchdruckerei) 1905. Oct.

Publ.: 1905, cover-t.p., p. [1]-10. *Copies*: G, L. – Reprinted and to be cited from *Jahresber. naturf. Ges. Graubündens* 47: 123-132. 1905.

Note: See also his first publ.: *Beiträge zur Kenntniss der Flora Graubündens*, *Ber. Schweiz. bot. Ges.* 14: 123-126. 1904.

22.648. *Über die Entwicklung der Soldanellen unter der Schneedecke ...* Chur (Typ. Bisschofberger & Hotzenköcherle) 1908. Oct.

Publ.: 1908, cover-t.p., p. [1]-20. *Copies*: G, WU. – Reprinted and to be cited from *Jahresber. naturf. Ges. Graubündens* 50: 3-20. 1908.

22.649. *Zu Seilers Bearbeitung der Brüggerschen Materialien zur Bündnerflora. Berichtigungen und Zusätze ...* Chur (Druck von Jos. Casanova's Erben) 1910. Oct.

Note: See Jean Seiler, *Bearb. Brüggersch. Mat. Bündnerfl.*, Chur 1909, TL-2/11.641.

Publ.: 1910, cover-t.p., p. [i], [1]-50, [51]. *Copies*: G, WU. – Reprinted and to be cited from

Jahresber. naturf. Ges. Graubündens 52: 1-51. 1910. – See also K. Coaz, ib. 53: 193-194. 1912, and BL 2: 576.

22.650. Die *Vegetationsverhältnisse der Schneestufe in den Rätisch-Lepontischen Alpen*. Ein Bild des Pflanzenlebens an seinen äussersten Grenzen ... Basel, Genf und Lyon (Kommissions-Verlag von Georg & Cie.) 1913. Qu. (*Veget.-verh. Schneest. Rät.-Lep. Alp.*).

Publ.: 15 Oct 1913 (date on t.p., Nat. Nov. Nov (22) 1913, ÖBZ Oct-Dec 1913), cover-t.p., p. [i*, iii*], [i]-vii, [1]-347, [348, err.], 1 col. map, pl. 1-4 (uncol. phot., text on overlays).

Copy: G. – Issued as *Neue Denkschr. Schweiz. naturf. Ges.* 48, 1913.

Ref.: Diels, L., Bot. Jahrb. 51(Lit.): 26-27. 9 Dec 1913 (rev.).

22.651. Zur Kenntnis der schweizerischen *Adenostyles*-Arten ... Vierteljahrsschrift der Naturforschenden Gesellschaft Zürich ... 1913. Oct.

Publ.: 1913, p. [90]-96. *Copy*: L. – Reprinted and to be cited from *Vierteljahrsschr. naturf. Ges. Zürich* 58(1-2): 90-96. 1913.

22.652. *Sur l'étude des associations ...* Extrait du Bulletin de la Société Languedocienne de Géographie ... 1913. Oct.

Co-author: Ernst Furrer (b. 1888).

Publ.: 1913 (p. 22: Mai 1913), cover-t.p., p. [1]-22. *Copies*: L, U. – Reprinted and to be cited from *Bull. Soc. Langued. Géogr.* 36(1). 1913 (n.v.).

Note: Title in journal: "Remarques sur l'étude des groupements des plantes".

22.653. Études sur la végétation méditerranéenne. I. Les *Cévennes méridionales* (Massif de l'Aigoual). Étude phytogéographique. Thèse présentée à la Faculté des Sciences de Montpellier le [...] 1915 ... Genève (Société générale d'imprimerie ...) 1915. Oct. (*Cévennes mérid.*).

Publ.: 1915, cover-t.p., p. [1, blank], [3]-207, [208]. *Copy*: G. – Also issued in *Arch. Sci. phys. nat. Genève ser. 4*. 39: 72-81. Jan, 167-186. Feb, 247-269. Mar, 339-358. Apr, 415-434. Mai, 508-538. Jun 1915, 40: 39-63. Jul, 112-137. Aug, 221-232. Sep, 313-328. Oct 1915.

22.654. Die *Föhrenregion der Zentralalpentäler*, insbesondere Graubündens, in ihrer Bedeutung für die Florengeschichte ... Separatabdruck aus den Verhandlungen der Schweiz. Naturforschenden Gesellschaft ... 1916. Oct.

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22.655. Die xerothermen *Pflanzenkolonien der Föhrenregion Graubündens ...* Zürich (Druck von Zürcher & Furrer) 1917. Oct.

Publ.: 9[-12] Sep 1917 (date on reprint/preprint), cover-t.p., p. [275]-285. *Copy*: G. – Reprinted and to be cited from *Vierteljahrsschr. naturf. Ges. Zürich* 62(1/2): 275-285. 1917.

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Publ.: 1917 (Nat. Nov. Mai (1,2) 1918), frontisp., p. [1]-37, [38], 5 photogr. *Copy*: U.

Ref.: Baumann, E., Bot. Centralbl. 140(20): 313-315. 20 Mai 1919 (rev.).

22.657. *Materialien zur Bündnerflora ...* Separatabzug aus dem Jahresbericht der Naturforschenden Gesellschaft Graubündens 1917. Oct.

Co-author: Christian Hatz.

Publ.: 1917, cover-t.p., p. [1]-15. *Copy*: G. – Reprinted and to be cited from *Jahresber. naturf. Ges. Graubündens* 57: 39-53. 1917.

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22.658. Eine *pflanzengeographische Exkursion durchs Unterengadin* und in den schweizerischen Nationalpark ... Zürich (Verlag von Rascher & Co.) 1918. Oct. (*Pfl.-geogr. Exk. Unterengadin*).

- Mycological appendix* by Paul Cruchet (b. 1875), Eduard Fischer (1861-1939), Eugène Mayor (b. 1877).
Publ.: 25 Mar 1918 (date on t.p.; Nat. Nov. Mai (1,2) 1918, ÖBZ 1 Mai 1918), cover-t.p., p. [1]-79, [80]; map. *Copy*: G.
- 22.659.** Ueber zwei neue *Phanerogamenspezies* aus den Alpen ... Separatabdruck aus den Vorträgen zu den Verhandlungen der Schweizerischen Naturforschenden Gesellschaft, Lugano [1920]. Oct.
Publ.: 1920, p. [1]-2. *Copies*: L, U. – Reprinted and to be cited from Verh. Schweiz. naturf. Ges. 100(2): 117-118. 1920.
- 22.660.** Ein neuer *Gattungsbastard* bei den *Orchideen* (*Anacamptis pyramidalis* (L.) Rich. x *Orchis morio* L.) ... Chur 1921. Oct.
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- 22.661.** *Contributions à l'étude de la flore Marocaine* ... Bull. Soc. hist. nat. Afr. Nord 1922-1931. Oct.
Co-author: René Charles Joseph Ernest Maire (1878-1949), see TL-2/3: 257-260.
Publ.: 1: 1922, in Bull. Soc. hist. nat. Afr. Nord 13: 13-22. 1922.
 2: 1922, id. 13: 180-195. 1922.
 3: 1923, id. 14: 73-77. 1923.
 4: 1925, id. 16: 22-41. 1925.
 5: Mar 1931, id. 22: 103-110. – Reprint; cover-t.p., p. 103-110. 1931. *Copies*: L, U.
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- 22.662.** *Études sur la végétation et la flore marocaines* ... Mémoires de la Société des sciences naturelles du Maroc ... 1924. Oct. (*Étude vég. fl. macoc.*).
Co-author: René Charles Joseph Ernest Maire (1878-1949), see TL-2/3: 257-260.
Publ.: 30 Dec 1924 (in journal), p. [1]-244, map, pl. 1-9. *Copy*: U. – Issued as Mém. Soc. Sci. nat. maroc. 8(1). 1924.
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Publ.: 6 Dec 1928 (in journal), p. [i-ii, cover], [334]-357. *Copies*: G(2), L. – Reprinted and to be cited from Vierteljahrsschr. naturf. Ges. Zürich 73 (Beibl. 15, "Festschrift Hans Schinz"): 334-357. 1928.
- 22.664.** *Beitrag zur Flora Südbadens* ... Freiburg (Bad. Landesverein für Naturkunde und Naturschutz) 1928. Oct.
Co-author: Walo Koch (1896-1956).
Publ.: 1928, p. [5]-8. *Copy*: U. – Reprinted and to be cited from Beitr. naturw. Erforsch. Badens 1: 5-8. 1928.
- 22.665.** *Zentralalpen und Tatra, eine pflanzensoziologische Parallele* ... Arbeit aus der Station internationale de Géobotanique méditerranéenne et alpine ... [Veröff. Geobot. Inst. Rübel, Zürich ... 1930]. Oct.
Publ.: 1930, p. [1]-43. *Copy*: U. – Issued as Veröff. Geobot. Inst. Rübel, Zürich 6, 43 p. – Also issued as Communic. S.I.G.M.A. no. 1.
- 22.666.** *L'origine et le développement des flores dans le Massif central de France. Avec aperçu sur les migrations des flores dans l'Europe sud-occidentale* ... Zürich, Paris. 1931. Oct.
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Publication in journal: Ann. Soc. Linn. Lyon ser. 2. 68-76, 1922-1931:

68: 113-143. 1922.

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22.667. *Zur Ökologie der Mediterranpflanzen.* (Untersuchungen über den osmotischen Wert) ... Station internat. Géobotanique méditerranéenne et alpine, Montpellier. 1931. Oct.

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Co-authors: S. Brunies, Ed. Campbell, Ed. Frey, H. Jenny, Ch. Meylan, H. Pallmann.

Publ.: 1931, cover-t.p., p. [1]-82. *Copy:* U.

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First author: Gabr. Braun-Blanquet.

Publ.: 1931, cover-t.p., p. [1]-65. *Copy:* U. – Reprinted and to be cited from *Revue Géogr. alpine* 19(3): 675-735. 1931. – Also issued as *Communic. S.I.G.M.A.* no. 13.

22.670. Station Internationale de Géobotanique méditerranéenne et alpine, Montpellier, Mitteilung nr. 14. *Die Pflanzensoziologie in Forschung und Lehre* ... München (J.F. Lehmanns Verlag) [1932]. Oct.

Co-author: Reinhold Tüxen (1899-1980), see TL-2/6: 528-529.

Publ.: 1932, cover-t.p., p. [175]-187. *Copy:* U. – Reprinted and to be cited from *Der Biologe* 1(8): 175-187. 1932. – Also issued as *Communic. S.I.G.M.A.* no. 14.

22.671. *Les survivants des périodes glaciaires dans la végétation méditerranéenne du Bas-Languedoc.* Leur valeur indicatrice et leur signification pratique ... Montpellier (Imprimerie Mari-Lavit ...) 1932. Oct. (*Period.-glac. Bas-Langued.*).

Publ.: 1932, cover-t.p., p. [1]-10. *Copies:* L, U. – Issued as *Communic. S.I.G.M.A.*, no. 16.

22.672. *Zur Kenntnis nordschweizerischer Waldgesellschaften* ... Dresden (Verlag von C. Heinrich) 1932. Oct.

Publ.: 1932, cover-t.p., p. [i, verso of cover-t.p., identif.], [7]-42. *Copy:* U. – Reprinted and to be cited from *Beih. Bot. Centralbl.* 49(Erg.-Bd.): 7-42. 1932. – Also issued as *Communic. S.I.G.M.A.* no. 17.

22.673. *Catalogue de la flore du Massif de l'Aigoual et des contrées limitrophes.* Recherches sur l'exploration floristique, sur la répartition et les conditions de vie des plantes vasculaires ... Montpellier (Imprimerie Mari Lavit) 1933. Oct. (*Cat. fl. Aigoual*).

Publ.: 1933, p. [1]-352. *Copies:* L, U. – Issued as *Communic. S.I.G.M.A.* no. 20.

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Publ.: Jul 1933 (date on reprint), p. 315-317. *Copy:* U. – Reprinted and to be cited from *Ecology* 14(3): 315-317. 1933. – Also issued as *Communic. S.I.G.M.A.* no. 24.

22.675. I. *L'association végétale climatique*, unité phytosociologique, et le climax du sol dans le Midi méditerranéen. II. *Genre nouveau* et espèces nouvelles pour la flore de la France

et leur signification phyto-historique ... Montpellier (Station intern. de Géobotanique Méditerranéenne et Alpine) 1934. Oct.

Publ.: Mar med. 1934 (fide Leussink in mss. in library FAS), cover-t.p., identif. inside cover, p. [715]-722, [823]-829. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. France 80(9-10): 715-722, 823-829. 1934. – Also issued as Communic. S.I.G.M.A. no. 25.

22.676. *La chênaie d'Yeuse méditerranéenne* (Quercion ilicis) Monographie phytosociologique ... Montpellier (Imprimerie Mari-Lavit) 1936. Oct. (*Chêne d'Yeuse*).

Publ.: Oct 1936 (printed 1 Oct 1936 fide p. [148]), cover-t.p., p. [1]-147, [148]. *Copies*: L, U. – Issued as Mém. Soc. Étud. Sci. nat. Nimes no. 5. 1936. – Also issued as Communic. S.I.G.M.A. no. 45.

22.677. *Vegetations-skizze von Ameland ... Montpellier ...* 1936. Oct.

Co-author: W.C. de Leeuw.

Publ.: 1936, cover-t.p., p. [359]-393. *Copies*: FAS(B), U. – Reprinted and to be cited from Ned. kruidk. Arch. 46: 359-393. 1936. – Also issued as Communic. S.I.G.M.A. no. 50.

Brause, Guido Georg Wilhelm (1847-1922), German (Silesian) soldier and botanist, educated at the gymnasium at Neisse (Silesia), later at Oppeln, joined the Prussian army, officer in the German-French war, fought at Metz, Vionville Le Mans 1870-1871, subsequently stationed at Brandenburg a.H. and Potsdam, amateur botanist, after his retirement 1905 in connection with the Botanical Garden and Museum in Berlin as well as with the Botanical Verein der Provinz Brandenburg, mainly interested in Pteridophyta. (*Brause*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 244; BJI 2: 18; IF suppl. 1: 76, 2: 34, 3: 203; Kew 1: 347; KR p. 101; SK 4: cli, 106.

BIOFILE: Anon., Hedwigia 64(2) (Beibl.): (143). 1923 (d. 17 Dec 1922 Berlin-Steglitz). Loesener, Th., Notizbl. Bot. Gart. Mus. Berlin-Dahlem 8: 354-356. 1923 (b. 7 Aug 1847, Kochanowitz, Siles., d. 17 Dec 1922, Berlin; list of publ.).

COMPOSITE WORKS: (1) *Polyodiaceae*, in R. Pilger, *Plantae Uleanae novae vel minus cognitae*, Notizbl. Kön. bot. Gart. Mus. Berlin-Dahlem 6(54): 41. 20 Mar 1914.

(2) *Cyatheaceae, Polyodiaceae, Isoëtaceae*, in I. Urban, *Symb. Ant.* 7: 151-156, 156-162. 15 Dec 1911 (with Urban). – See Hedwigia 52(1): (33). 1912 for authorship.

(3) *Pteridophyta*, in J. Mildbraed, *Botanik*, Wiss. Erg. Deut. Zentral-Afr. Exp. 1907-1908 2: 1-40. 1910 (with G. Hieronymous, see Hedwigia 50(4) (Beibl.): (158). 30 Dec 1910.

(4) *Die Farnpflanzen* (Pteridophyta), in G. Lindau, *Kryptogamenflora für Anfänger* 6(2): 1-108. Berlin (J. Springer) 1914; see rev. G.H. [Hieronymous], Hedwigia 55(1) (Beibl.): (29). 12 Mai 1914.

(5) *Pteridophyta*, in W. Lorch, *Die Torf- und Lebermoose* 1914, see TL-2/4982.

22.678. *Neue Farne Papuasiens*, nebst allgemeinen Bemerkungen über das Vorkommen der Pteridophyten in Neu-Guinea von R. Schlechter ... Leipzig (Wilhelm Engelmann) 1912. Oct. *Collector*: [Friedrich Richard] Rudolf Schlechter (1872-1925), see TL-2/5: 205-213.

Publ.: 27 Aug 1912 (in journal), cover-t.p., p. [i, recto of 6], [6]-59. *Copies*: B, L. – Reprinted and to be cited from Bot. Jahrb. 49(1): 6-59. 1912. – Preceded in journal by "Allgemeine Bemerkungen über das Vorkommen der Pteridophyten in Neu-Guinea" in Bot. Jahrb. 49(1): 1-6. 1912.

22.679. *Die Farnpflanzen* (Pteridophyta) [independent publication in series Kryptogamenflora für Anfänger, ed. G. Lindau ... 1914]. Oct. (*Farnpfl.*).

Publ.: Jan 1914 (see TL-2/3: 27), p. [ii]-viii, [ix, h.t.], [1]-184. *Copies*: G, H, L, MICH, MO-Steere, U, U-V, WAG. – See G. Lindau, *Krypt.-Fl. Anf.* vol. 6, 1914, TL-2/3: 27.

22.680. *Pteridophyta africana nova vel non satis cognita ...* Leipzig (Verlag von Wilhelm Engelmann) 1915. Oct.

Co-author: Georg Hans Emma Wolfgang Hieronymous (1846-1921), see TL-2/2: 193-194.
Publ.: 19 Oct 1915 (in journal), cover-t.p., p. [i, recto of 376], [376]-433. *Copies:* B, L. – Reprinted and to be cited from Bot. Jahrb. 53(3-5): 376-433. 1915.

Ref.: Matouschek, F., Bot. Centralbl. 135(15): 234. 9 Oct 1917 (rev.).

22.681. *Bearbeitung der von C. Ledermann von der Sepik-(Kaiserin-Augusta-) Fluss-Expedition 1912 bis 1913 und von anderen Sammlern aus dem Papuagebiete früher mitgebrachten Pteridophyten, nebst Übersicht über alle bis jetzt aus dem Papuagebiete bekannt gewordenen Arten derselben ...* Leipzig (Verlag von Wilhelm Engelmann) 1920. Oct.

Collector: Carl Ludwig Ledermann (1875-1958), herb. at B (partly destroyed), see IH 2: 422.
Publ.: 23 Apr 1920 (in journal), cover-t.p., p. [31]-250. *Copies:* B, L. – Reprinted and to be cited from Bot. Jahrb. 56(2): 31-250. 1920.

Bravais, Louis François (1800-1843), French physician and botanist at Annonay (Ardèche). (*L. Bravais*).

HERBARIUM and TYPES: Some material at FI, G, P (Cosson).

NOTE: Auguste Bravais, physician and astronomer, brother of L.F. Bravais published some time with L.F.B. (b. 28 Aug 1811, Annonay, d. 30 Mai 1863, Paris).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 244 (d. 21 Apr 1843, Annonay, Ardèche); CSP 1: 586-589; IH 2: 94; Kew 1: 347; Lasègue p. 96, 104, 296, 503, 556 (L.F. and A. Bravais); PR 1113-1114, ed. 1: 1241-1242; Rehder 5(index): 117.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 490. 1878.

G.P., Bot. Zeit. 4: 702-703. 2 Oct 1846 (biogr. details).

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Schmid, G., Goethe u. d. Naturwiss. 270 (no. 1769). 1980 (on B. and Goethe).

22.682. *Essai sur la disposition générale des feuilles rectisériées ...* Congrès scientifique de France, ... [1838]. Oct.

Co-author: Auguste Bravais (1811-1863), brother of L. Bravais.

Publ.: 1838 (date of reading at the Congrès), p. [1]-53, pl. 1-2 (uncol. liths.). *Copy:* G. – Reprinted and to be cited from Sess. Congr. Sci. France 1838: 278-328. – See also Ann. Sci. nat., Bot., ser. 2. 12: 5-41, 65-77. 1839.

German translation (by G. Walpers): 1840 in Linnæa 14(Litt.): 11-79. 1840. – “Ueber die geometrische Anordnung der Blätter und der Blütenstände”, see note PR ed. 1 sub no. 1242.

22.683. *Analyse d'un brin d'herbe, ou examen de l'inflorescence des graminées.* Mémoire au Congrès scientifique du Mans, (12 Septembre 1839). Oct.

Publ.: Oct-Dec 1839 or 1840 (read 12 Sep 1839), cover, p. [1]-32, 1 pl. (uncol. lith.). *Copies:* G, L. – Not identified, probably not an independent paper.

Abstract: Oct-Dec 1839, in Sess. Congr. Sci. France 1: 95-98. 1839 (fide CSP 1: 589).

22.684. *Examen organographique des Nectaires ...* Extrait des Annales des Sciences naturelles ... 1842. Oct.

Publ.: Sep 1842 (in journal), p. [1]-33. *Copy:* G. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 2. 18: 152-184. 1842.

Bravo Hollis, Helia (1905-x), Mexican botanist, born 30 Sep 1905, taxonomist (Maestra) at the Instituto de Biología, Universidad Nacional Autónoma, D.F. Mexico. (*Bravo*).

HERBARIUM and TYPES: MEXU.

NOTE: H. Bravo Hollis was born on 30 Sep 1905 (sic: in letter to us). – The dates 1901, 1903 etc. are (except 1905) not correct.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 244 (b. "1903"); BL 1: 150; Hortus 3: 1189; IH 1 (ed. 8): 220 (b. 1901, sic), 2: 94 (b. 1903, sic); Roon p. 21 (b. 1905, sic); Zander ed. 10, p. 610, ed. 11, p. 727.

BIOFILE: Anon., Nation. Cact. Succ. J. [U.K.] 30(1): 4. 1975 (portrait only).

Castellanos, A. and R.A. Perez-Moreau, Lilloa 6: 123. 1941.

Fitz Maurice, B., Peopletones. A tribute to Mexico's first lady of cactus. Cact. Succ. J. 62(3): 141-143. 1990 (portr.).

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Rzedowski, J., Bol. Soc. bot. Mex. 40: 10-12. 1981.

22.685. *Contribucion al conocimiento de las Cactaceas de Mexico.* Nota a cerca de la histologia del Peyote, *Lophophora williamsii* Lemaire ... Anales Inst. Biologia Univ. Nac. Mexico ... 1931. Oct.

Publ.: 1931, p. [3]-14. *Copy*: L. – Reprinted and to be cited from Anal. Inst. Biol. Univ. Nac. Mexico 2(1): 3-14. 1931.

22.686. *Las Cactaceas de Mexico ... Mexico* (Universidad nacional de Mexico) 1937. Oct. (*Cact. Mexico*).

Publ.: 1937, cover-t.p., p. [i]-xiv, [1]-755, [757]. *Copies*: L, MO.

Note: A second edition (with H. Sánchez-Mejorada R. as co-author) was issued in 1978, p. xvi, 743. Vols.2 and 3 were issued in 1991.

Ref.: Bullock, A.A., Kew Bull. 1937(7): 483. 20 Oct 1937 (rev.).

Bray, William L. (1865-1953), American botanist, born at Burnside, Ill., studied at Cornell University 1889-1891, A.B. Indiana State University, Lake Forest 1893-1895, M.A. 1894, at the University of Berlin 1896-1897, at the University of Chicago, obtaining Ph.D. 1896, instructor in botany at the University of Texas 1897-1898, adj. professor 1898-1901, assoc. professor 1902-1905, professor 1905-1907, finally professor in botany at Syracuse University 1907. (*W.L. Bray*).

HERBARIUM and TYPES: US (incl. field notes), further material at NY, PH, SUM, TEX.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 244 (b. 19 Sep 1865, Burnside, Ill., d. 25 Mai 1953); BJI 1: 7, 2: 19; IH 2: 94; Rehder 5(index): 118; Tucker 1: 108-109.

BIOFILE: Anon., Nat. Nov. 19: 517. 1897 (professor bot. Univ. Texas); Deut. bot. Monatsschr. 16(1): 16. 1898 (appt. prof. bot. Austin); ÖBZ 57: 487. 1907 (prof. bot. Univ. Syracuse).

Barnhart, J.H., J. New York Bot. Gard. 12: 121. 1911 (curr. vit., worked at NYBG 1906).

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22.687. *On the relation of the flora of the lower Sonoran zone in North America to the flora of the arid zones of Chili and Argentine ... Chicago* (The University of Chicago Press) 1898. Oct.

Publ.: 15 Aug 1898 (in journal), cover-t.p., p. 121-147. *Copy*: NY. – Reprinted and to be cited from *Bot. Gaz.* 26(2): 121-147. 1898.

22.688. *Vegetation of the Sotol country in Texas ...* Published by the University of Texas ... 1905. Oct. (*Veget. Sotol country Texas*).

Publ.: 15 Jun 1905 (date on cover-t.p.), cover-t.p., verso-staff, insert descr. pl., frontisp. (pl. 1), p. [1, t.p.], [2, quotation], [3]-24, pl. 2-11. *Copy*: MO. – Issued as *Bull. Univ. Texas* no. 80 (Sci. ser. no. 6). 1905.

22.689. *Distribution and adaptation of the vegetation of Texas ...* Bulletin of the University of Texas ... 1906. Oct. (*Distr. adapt. Veg. Texas*).

Publ.: 15 Nov 1906 (date on cover-t.p.), cover-t.p., p. [i-iv], [1]-108, pl. 1-14 (uncol.), "figs." 1-4 hors text. *Copies*: L, MO. – Issued as *Bull. Univ. Texas* no. 82 (Sci. ser. no. 10). 1906. *Ref.*: Diels, L., *Bot. Jahrb.* 40(Lit.): 67-68. 24 Jan 1908 (detailed rev.).

22.690. *The development of the vegetation of New York State ...* University Syracuse, N.Y. ... 1915. Oct. (*Devel. veg. N.Y. State*).

Publ.: Nov 1915 (on cover-t.p.), cover-t.p., p. 1-186, map. *Copy*: MO. – Issued as *Techn. Publ. no. 2*, N.Y. State Coll. For., Syracuse Univ. 16(2): 1-186, 1 map, 1915.

22.691. *History of forest development on an undrained sand plain in the Adirondacks ...* University, Syracuse, N.Y., 1921. (*For. develop. Adirondacks*).

Publ.: Jun 1921 (date on cover-t.p.), cover-t.p., p. [1(t.p.)]-47, 2 fold-out maps. *Copy*: MO. – Issued as *Techn. Publ. no. 13*, N.Y. State Coll. For., Syracuse Univ. 21(2): 1-47, 2 maps, 1921.

Breakwell, Ernest (1884-?), Australian botanist at the Royal Botanical Gardens Sydney, N.S.W. (*Breakwell*).

HERBARIUM and TYPES: NSW.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 244; *IH* 2: 94; *Kew* 1: 348.

22.692. *The grasses and fodder plants of New South Wales ...* Sydney (Alfred James Kent, ...) 1923. 16-mo. (*Grass. fodder pl. N.S.W.*).

Publ.: 1923 (p. iii: 3 Mar 1923), p. [i]-vii, [1]-370. *Copies*: MO, NSW. – Issued by Dept. Agric. N.S.W.

Ref.: *Anon.*, *Kew Bull.* 1929(7): 302-303 (rev.).

***Brébisson, [Louis] Alphonse de** (1798-1872), French naturalist, promotor of sciences and arts of independent means at Falaise, Dépt. Calvados, especially interested in cryptogams, archeology and photography. (*Bréb.*).

HERBARIUM and TYPES: CN, diatoms at MPU, PC (8000), AWH and L. – See TL-2/1: 311. – Further material in B, BP, C, FH, G, H, HBG, K, KIEL, LD, LG, M, MANCH, MPU, NTM, OS, PH, TL, TO, W, WRSL. – *Exsiccatae: Mousses de la Normandie*, see MD p. 57-59 and TL-2/723.

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BIOFILE: *Anon.*, *Bot. Zeit.* 30: 510. 1872; *J. Bot.* 10: 191. 1872 (brief obit. note), 14: 128. 1876 (diatoms to be distr. by H.L. Smith).

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Publ.: 1825 (in journal; text read 7 Jun 1824), p. [1]-19. *Copy*: G. – Reprinted and to be cited from *Mém. Soc. Linn. Calvados* 2: 366-383. 1825.

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Publ.: 1829, cover-t.p., p. [i, t.p.], [1]-25. *Copy*: L. – Reprinted and to be cited from *Mém. Soc. Linn. Normandie* 4: 367-391. 1829 (“1828”).

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Publ.: Jan 1844 (in journal), p. [25]-31, *pl.* 1-2 (col. liths. auct.). *Copy*: L. – Reprinted and to be cited from *Ann. Sci. nat., Bot. ser. 3.* 1: 25-31, *pl.* 1-2. 1844. – *Coleochaete* Bréb. 1844 (nom. cons.), *ING* 1: 400; *Hormospora* Bréb. but see *ING* 2: 837 previous publ. by Bréb. 1839.

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Ref.: I., *Herm., Bot. Zeit.* 14(49): 865-867. 5 Dec 1856 (detailed rev.).

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Publ.: 1858 (in journal, text closed on p. 7 Mar 1857), p. [1]-7, *pl.* 3 (uncol. lith.). *Copy*: B. – Reprinted and to be cited from *Bull. Soc. Linn. Normandie* 2: 292-298, *pl.* 3. 1857. – Also published in *Ann. Sci. nat., Bot. ser.* 4: 9: 91-96, *pl.* 3. 1858.

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Publ.: 1872, cover-t.p., p. [1]-16, [i, insert on B's death by René de Brébisson ("La mort est venue ... le 26 avril dernier [1872]"). *Copy*: G. – Reprinted and to be cited from *Bull. Soc. Linn. Normandie ser.* 2: 5: 412-428. 1872 (p. 423-428 by F. Castracane degli Antelminelli 1817-1899, q.v.).

Brebner, George (1855-1904), British botanist (cytologist, algologist), Aberdeen born, educated at Aberdeen and Stuttgart, attended the Royal College of Science, London, studied under D.H. Scott ib. 1888, subsequently lecturer on botany at University College, Bristol until 1904, active in the Bristol Naturalists' Society. (*Brebner*).

HERBARIUM and TYPES: BM (Algae, rd. 1885-1897, 82 micr.-preps. and herb. specim.); further material at PLY (Dickinson, *Phycol. Bull.* 1: 11. 1952).

BIBLIOGRAPHY and BIOGRAPHY: Bamhart 1: 245; BB p. 43-44; CSP 13: 783; Desmond p. 86; De Toni 4: ix; IH 2: 94; LS 3784-3785; Moebius p. 209.

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Ref.: Solms-Laubach, H., *Bot. Zeit.* 16(II): 37-39. 1 Feb 1903 (rev.).

Breda de Haan, Jacob van (1866-1917), Dutch agriculturist, studied at the University of Leiden, Dr. phil. ib. 1891, employed by the Sugar Experiment Station at Kagok-Tegal, Semarang 1892, later agricultural inspector in Java, stationed at Buitenzorg (Bogor). (*Breda de Haan*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 5(index): 118; SK 8: xvii; Stevenson p. 1237, 1261; Tucker 1: 109.

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Publ.: 6 Feb 1891 (date of defense thesis; *Bot. Zeit.* 24 Apr 1891, *Flora* rd. 15 Apr 1891, *Nat. Nov.* Mai (2) 1891), cover-t.p., p. [i-vii], [1]-123, *pl.* 1-3 (uncol. liths.), 2 p. theses. *Copies*: B, L, NSUB/GOET, U.

22.701. *De rijstplant*. I. Eene anatomische beschrijving der rijstplant ... Batavia (G. Kolff & Co.) 1911. Oct. (*Rijstplant*).

Publ.: 1911 (Nat. Nov. Dec (1) 1917), cover-t.p., p. [i, iii], [1]-53, [54 is I], II-III, 21 *pl.* (uncol. drawings). *Copy*: L. – Issued as Meded. Dept. Landbouw [Bogor/Buitenzorg] no. 15.

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Breemen, Pieter Johan (1875-?), Dutch biologist, studied at the University of Amsterdam, Dr. phil. ib. 1905, employed in Curaçao at the Inspections of Fisheries and Agriculture until 1920, chief field experiment service of the Pasuruan Experiment Station of the Java Sugar Industry 1921-1927, retired to The Hague. (*P.J. Breemen*).

HERBARIUM and TYPES: BO, L, PAS.

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Publ.: 1906 (p. 7 dated Jan 1906), cover-t.p., p. [1]-7, [8 expl. pl.], *pl. 1* (uncol.). *Copy*: L. – Reprinted and to be cited from Verh. Rijksinst. Onderzoek Zee 1(5): 1-8, *pl. 1*. 1906.

***Brefeld, Julius Oscar** (1839-1925), German (Telgte nr. Münster in Westfalen) mycologist, studied pharmacy at the universities of Berlin and Heidelberg, pharmaceutical state examination at Heidelberg, habilitation at Berlin 1873, sometime private lecturer in botany in Würzburg, professor of botany at the Forestry Academy at Eberswalde 1878, id. and director of the Botanical Gardens at Münster 1882, director of the Plant physiological Institute of the University of Breslau, replacing F. Cohn, because of eye trouble in retirement living in Berlin as Regierungsrat 1907-1925 (*Bref.*).

HERBARIUM and TYPES: B (see Willdenowia 2: 783. 1961: "Brefeld, O.: Herbarium.").

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth see index; Barnhart 1: 245; BM 1: 228, 6: 124; Bossert p. 51; CSP 7: 252, 9: 340-341, 13: 786; DSB 2: 436-438; DTS 1: 33; Frank 3(Anh.): 14; GR p. 66 (b. 19 Aug 1839, d. 7 Jan 1925); Jackson p. 169, 170; Kew 1: 348-349; LS 3794-3831, 31.507-31.509; LS suppl. 3396; Maiwald p. 448 (index); Moebius p. 71, 102, 103, 104, 106, 271, 294; Morren ed. 2, p. 10, ed. 10, p. 15; PR 1125, 10.544; Stevenson p. 1237; TL-2/1: 314-315 and see indexes.

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- 22.705.** *Untersuchungen über die Entwicklung der Empusa Muscae und Empusa radicans und die durch sie verursachten Epidemien der Stubenfliegen und Raupen ...* Halle (Druck und Verlag von H.W. Schmidt) 1871. Qu.
 Publ.: Feb-Mar 1871 (Bot. Zeit. 7 Apr 1871, Flora 2 Mai 1871), cover-t.p., p. [1]-50, pl. 1-4 (uncol. copper engr.). Copy: L. – Reprinted and to be cited from Abh. naturf. Ges. Halle 12: 1-50, pl. 1-4. 1873.
 Abstract: 1870, in Bot. Zeit. 28(11): 161-166. 18 Mar, (12): 177-186. 25 Mar 1870. "Entwicklungsgeschichte der Empusa ... radicans".
- 22.706.** *Kurze Notizen über Penicillium crustaceum (glaucum) ...* [Flora ... 1873]. Oct.
 Publ.: 21 Jul 1873 (in journal), p. [1]-16. Copy: B. – Reprinted and to be cited from Flora 56(21): 331-336. 1873 (reprint without statement of origin).
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 Publ.: 28 Jan 1876 (in journal), p. [1/2]-13/14. Copy: L. – Reprinted and to be cited from Bot. Zeit. 34(4): 49/50-61/62. 1876.
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 Publ.: 1881, cover-t.p., p. [i-ii], [1]-61. Copy: B. – Reprinted and to be cited from Magyar Növénynt. Lapok 5(54-55): 66-76. Jun-Jul, (56): 93-105. Aug, (57): 116-118. Sep, (58): 125-128. Oct 1881.
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 Publ.: [1]: 1884 (n.v.), in Nachr. Klub Landwirthe Berlin 154, read 22 Jan 1884.
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Publ.: 1900 (read 16 Nov 1899), p. [1]-15. Copy: B. – Unidentified; publ. in Jahrb. Schles. Ges. Vaterländ. Cultur 77 (Abth. 2b): 17-32. 1900.

22.713. *Ueber die geschlechtlichen und ungeschlechtlichen Fruchtförmigkeiten bei den copulierenden Pilzen ...* Breslau (Druck von Grass, Barth u. Comp. (W. Friedrich)) [1901]. Oct.

Publ.: 1901 (read 13 Dec 1900), cover-t.p., p. [1]-14. Copy: B. – Reprinted and to be cited from Jahresber. Schles. Ges. Vaterländ. Cultur, 78 (Abth. 2b): 71-84. 1901.

22.714. *Ueber Pleomorphie und Chlamydosporenbildung bei den Fadenpilzen: I: Niedere Pilze, Phycomyceten ...* Breslau (Druck von Grass, Barth u. Comp. (W. Friedrich)) [1902]. Oct.

Publ.: 1902 (read 14 Nov 1901), cover-t.p., p. [1]-18. Copy: B. – Reprinted and to be cited from Jahresber. Schles. Ges. Vaterländ. Cultur 79 (Abth. 2b): 4-22. 1901.

Brehmer, Wilhelm Georg Baptist Alexander von (1883-x), German (born Minden in Westfalen) botanist, educated at the Viktoria Gymnasium in Potsdam until 1901, studied pharmacy, examination for assistant pharmacist 1903, studied at the universities of Berlin, Kiel and again Berlin, state examination for pharmacist 14 Mai 1909, practicing as pharmacist 1909-1911, licensed pharmaceutical practitioner 1911, studied botany at the Friedrich-Wilhelms-Universität, Berlin 1911-1913, travelled in German-East-Africa 1913, studied at the Botanical Museum Berlin 1913-1914, scientific assistant ib. 1914-1915, Dr. phil. University of Berlin 1915, assistant at the Botanical Museum 1918, idem at the Potato Institute and the Botanical Institute of the University of Berlin 1919-1931, at the Pathological-anatomical division of the Biologische Reichsanstalt 1931-1940, director of infection research 1940-1948, at Bad Kreuznach 1948-1950, in charge of Paracelsus-Institute, Nürnberg 1950. (*Brehmer*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 246 (b. 24 Jan 1883); BFM 2957; BJI 2: 19; BL 1: 5; LS suppl. 3600; Urban-Berl. p. 67.

BIOFILE: Anon., Notizbl. Bot. Mus. Gart. Berlin 7: 334 (assistant at B 1 Nov 1915), 399 (on active service 30 Mai 1916); Hedwigia 74(1) (Beibl.): (140). 1934 ("Mitglied der Biologischen Reichsanstalt").

Lack, H.W. and O. v. Sydow, Willdenowia 13: 415. 1983 (letters at UPS-UB).

Verdoorn, F., Chron. bot. 1: 132. 1935.

Zepernick, B. and F.K. Timler, Englera 1: 34. 1979 (main biogr. source).

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Publ.: 16 Jun 1914 (in journal), cover-t.p., p. [399]-411, pl. 2 (uncol. phot.). Copy: B. – Reprinted and to be cited from Bot. Jahrb. 51(3-4): 399-411, pl. 2. 1914.

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Publ.: 24 Feb 1915 (date of defense thesis; Nat. Nov. Sep 1915), p. [i-ii], [9]-71, [72]. Copy: B. – Partial preprint from Bot. Jahrb. 53(1/2): 9-143. 27 Apr 1915. – Sic: Identification on p. [ii] has erroneously "Englers Botan. Jahrbüchern. 52 Bd., 1. Heft". The thesis was

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Publ.: 13 Mar 1917 (in journal), cover-t.p., p. [393]-415. Copy: B. – Reprinted and to be cited from Bot. Jahrb. 54(4): 393-415. 1917.

Ref.: Herter, W., Bot. Centralbl. 135(23): 365. 4 Dec 1917.

***Breidler, Johann** (1828-1913), Austrian architect and botanist, born in Leoben, educated at the "Volksschule" and a continuation school, "Hauptschule", from 1843-1849 at the Joanneum (technical college) at Graz, at the Royal School of architecture in Berlin 1849-1852, architect at Leoben but spending most of his time on botany, working often with Jakob Juratzka, specializing in bryology, from 1896 living at Graz. (*Breidl.*).

HERBARIUM and TYPES: Bryological collections at GJO (50.000); phanerogams at PRC. – Further material at B(general), BP, GOET, GZU, H, LE, PC, P-SA, S, W (lich.; musci), WRSL (part of general herb.), WU (musci, 3500). – Breidler contributed material to G. Beck et A. Zahlbruckmer, *Kryptogamas exsiccatas*, ed. Mus. Palat. Vind.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 246; BM 1: 229; Bossert p. 51; CSP 13: 787; DTS 1: 33; IH 2: 95; Morren ed. 10, p. 30; SBC p. 116; TL-2/1: 315; Urban-Berl. p. 295.

BIOFILE: Anon., ÖBZ 60: 46. 1910 (moss herb. donation at PRC); Magyar bot. Lapok 12(10/12): 361-362. 31 Mar 1914.

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Schefczik, J. and K. Mecenovic, Mitt. Abt. zool. Bot. Landesmus. Joann. Graz 33: 85-123. 1969 (on B's material at GJO).

Wagenitz, G., Index coll. princ. herb. Gotting. 31. 1982 (coll. at GOET):

Wettstein, R. von, Lehrkanzel Syst. Bot., deut. Univ. Prag 10. 1899 (part of B's herb.).

COMPOSITE WORKS: (1) J. Breidler and J.B. Förster published Jakob Juratzka, *Laubm.-Fl. Oesterr.-Ung.* 1882, see TL-2/3456.

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Co-author: Günther Beck (1856-1931), see TL-2/1: 157-160 and suppl. 2: 19-27.

Publ.: 1884 (read 6 Feb 1884; Bot. Zeit. 29 Aug 1884, Bot. Jahrb. 31 Jul 1885, Hedwigia Sep 1884, Bot. Centralbl. 30 Jun-4 Jul 1884), p. [1]-2, pl. 3 (uncol. by Beck). Copies: B, NY.

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Ref.: Voss, W., Versuch Gesch. Bot. Krain 2: 23. 1885 (T. carniolium coll. by S. Robil, Oberkrain).

Husnot, T., Rev. bryol. 11(4): 60-61. 1884 (rev.).

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Publ.: Apr and Mai 1890 (in journal), p. [1]-10. Copy: B. – Reprinted and to be cited from ÖBZ 40(4): 148-152. Apr, 191-195. Mai 1890. – Reprint printed Mai 1890 fide note on p.

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Publ.: Mar-Apr 1891 (p. [3]: "Als Separat-Abdruck im Jahre 1891 ausgegeben"; ÖBZ rd. Mai 1891, Bot. Zeit. 26 Jun 1891, Bot. Centralbl. 3 Jun 1891, Nat. Nov. Jun (1) 1891, cover-t.p., p. [1, t.p., 2, printer's mark], [3]-234. *Copies*: L, U. – Preprinted from Mitt. naturwiss. Ver. Steiermark Jahrgang 1891 [in pencil; printed 1892: erroneous).

Ref.: Anon., ÖBZ 41: 237. 1 Jul 1891 (brief rev.).

Geheeb, A., Bot. Centralbl. 47(30/31): 121-122. 5 Aug 1891 (rev.).

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Publ.: Feb-Mar 1894 (ÖBZ 1 Jun 1894 for receipt Apr 1894; Bot. Zeit. 16 Jun 1894; Nat. Nov. Jul (2) 1894), cover-t.p., p. [1]-104. *Copies*: B, L. – Reprinted and to be cited from Mitt. naturwiss. Ver. Steiermark 30: 256-357. 1894.

Ref.: Anon., ÖBZ 44: 224. 1 Jun 1894 (brief rev.).

Breindl, Max (fl. 1934), German botanist from Lindenberg i. Allgäu, studied at the Ludwig-Maximilians-Universität zu München, Dr. phil. ib. 1934, student of M. Hirmer. (*Breindl*).

HERBARIUM and TYPES: If any at M.

22.722. *Zur Kenntnis der Baumechanik des Blütenkelches der Dicotylen*. Inaugural-Dissertation zur Erlangung der Doktorwürde einer Hohen Philosophischen Fakultät, II. Sektion der Ludwig-Maximilians-Universität zu München ... Leipzig (Akademische Verlagsgesellschaft M.B.H.) 1934. Oct.

Publ.: 1934, p. [i-ii], [191]-268. *Copy*: B. – Reprinted and to be cited from Bot. Arch. 36: 191-268. 1934.

Breistroffer, Maurice [André Frantz] (1910-1986), French botanist at Grenoble, Licencié ès Sciences naturelles, curator of the Laboratory of Geology at the University of Grenoble and auxiliary collaborator with the "Centre national de la Recherche scientifique appliquée" at Grenoble, specialized in geobotany and systematics of the flora of the Dauphiné. (*Breistr.*).

HERBARIUM and TYPES: GRM (see IH 1, ed. 8, p. 151).

BIBLIOGRAPHY and BIOGRAPHY: BFM 2315, 2316; BL 2: 634 (index); Hortus 3: 1189; Kew 1: 349; Zander ed. 10, p. 640, ed. 11, p. 727.

BIOFILE: Breistroffer, Maurice, written information in TL-2/files (at NY).

Fuchs, H.P., Bull. Murith. 109: 124-125. 1991 (b. 15 Jul 1910, Paris, d. 17 Feb 1986, Grenoble; biogr.).

COMPOSITE WORKS: (1) See information in TL-2/4397, F. Lenoble, *Cat. pl. vasc. Drôme*, for a supplement published in Proc. Verb. Soc. Dauph. Étud. Biol. 1937-1941.

22.723. *Sur la répartition géographique des diverses races du *Clypeola jonthlaspi* L. ...* Grenoble (Imprimerie Allier père et fils ...) 1937. Oct.

Publ.: 1937, cover-t.p., p. [347]-451. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Sci. Dauphiné 56: 347-451. 1936 (publ. 1937).

Breitfeld, Alexander (1858-?), German botanist, born in Döbeln, Sachsen, educated at the Kön. Realschule I. Ordnung (i.e. Gymnasium) in Rawitsch, Posen, final examination 1878,

studied at the universities of Berlin and Breslau (natural sciences), scientific state examination 1884, teaching at the gymnasium of Reichenbach, Schlesien 1884-1885, full teacher at the Royal Gymnasium at Königshütte O./S., Dr. phil. Univ. Breslau 15 Feb 1888. (*A. Breif.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 246; BJI 1: 7; Rehder 2: 658; Tucker 1: 109.

22.724. Der anatomische *Bau der Blätter der Rhododendroideae* in Beziehung zu ihrer systematischen Gruppierung und ihrer geographischen Verbreitung. Inaugural-Dissertation, welche nebst beigefügten Sätzen mit Genehmigung der philosophischen Fakultät der Universität Breslau zur Erlangung der Doctorwürde am 15. Februar 1888 ... Leipzig (Wilhelm Engelmann) 1888. Oct. (*Bau Blätt. Rhododendr.*).

Thesis issue: 15 Feb 1888 (date of defense thesis; Nat. Nov. Apr (3) 1888), p. [1]-29, [30-32].

Copy: NSUB/GOET. – Partial reprint from the complete text in Bot. Jahrb. 9(4): 319-379, pl. 6-7. 27 Mar 1888. – “Lebenslauf” on p. [30]. – Student of Ferdinand Cohn at Breslau.

***Bremekamp, Cornelius Elisa Bertus** (1888-1984), Dutch botanist born in Dordrecht, educated at the gymnasium of his birthtown, studied at the University of Utrecht with F.A.F.C. Went as his main teacher, Dr. phil. 1912 Utrecht, employed at the Experiment Station of the Java Sugar industry at Pasuruan 1912-1921, from 1915 also lecturer in biology at Surabaya (NIAS), returned to the Netherlands 1921, working at the Hugo de Vries laboratory at Amsterdam, professor of botany at the Transvaal University College, Pretoria, S. Africa 1924-1931, returned to the Netherlands as private scientist at the Botanical Museum and Herbarium, Utrecht 1931-1976. (*Bremek.*).

HERBARIUM and TYPES: South African coll. at PRU (and PRE), Indonesian at BO, types of his new taxa indicated in his publications, many at U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 646; Barnhart 1: 246; BJI 2: 19; BL 1: 23, 59; Bossert p. 52; Hortus 3: 1189; IF suppl. 3: 203, 4: 315; IH 2: 95; JW 2: 186, 4: 379; Kew 1: 350-352; MW p. 52; MW suppl. p. 28; Roon p. 21; SK 1: 78-79, 4: 98-99, cxlii; TL-1: 49; TL-2/1: 315-316 and see indexes; Zander ed. 10, p. 640, ed. 11, p. 727.

BIOFILE: Gunn, M. and L.E. Codd, Bot. expl. S. Afr. 103. 1981 (on S. Afr. period, portr.).

Koster, J. Th., Taxon 18: 550. 1969 (alg.).

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Reed, C.R., Bibl. fl. S.E. Asia 18-19. 1969.

Stafleu, F.A., Jaarboek Kon. Ned. Akad. Wetensch., Amsterdam 1985: 170-172 (obit., portr.;

b. 7 Feb 1888, d. 21 Dec 1984); Taxon 34: 390. 1985 (brief biogr.).

Steenis, C.G.G.J. van, Fl. Malesiana Bull. 38: 128. 1985 (brief note).

White, A.C. and B.L. Sloane, The Stapelieae ed. 2. 131. 1937 (portr.).

COMPOSITE WORKS: (1) Contributed 452 entries on *Acanthaceae* for ING, see ING 1: xviii. 1979.

NOTE: The use of the word *Taxon* for the journal of IAPT came forward in a discussion, summer 1951 between Bremekamp, J. Lanjouw and F.A. Stafleu.

22.725. *Die rotierende Nutation und der Geotropismus der Windepflanzen.* Proefschrift ter verkrijging van den graad van doctor in de plant- en dierkunde, aan de Rijks-Universiteit te Utrecht ... volgens besluit van den Senaat van de Faculteit der Wis- en Natuurkunde te verdedigen op Dinsdag 15 October 1912, ... [Nijmegen (F.E. Macdonald) 1912]. Oct. (*Rotier. Nutation Geotrop. Windepfl.*).

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- 22.726.** Eine besondere *Funktion der Drüsenschuppen im Fruchtknoten von Clerodendron minahassae* Miq. ... Leiden ("Leide") (Librairie et Imprimerie ci-devant E.J. Brill) 1914. Oct.
Publ.: 1914, cover-t.p., p. [i], [93]-96, [97], *pl.* 13 (uncol. lith.). *Copy*: B. – Reprinted and to be cited from *Ann. Jard. bot. Buitenzorg ser. 2.* 13: 93-97. 1914.
- 22.727.** *Der dorsiventrale Bau des Grashalmes* nebst Bemerkungen über die morphologische Natur seines Vorblattes ... Groningen (M. de Waal) 1915. Oct.
Publ.: 1915, cover-t.p., p. [31]-43. *Copies*: B, L, U. – Reprinted and to be cited from *Recueil Trav. bot. Néerl.* 12(1): 31-43. 1915.
- 22.728.** On the *opening mechanism of the Acanthaceous fruit* ... Reprinted from the "South African Journal of Science" ... 1926. Oct.
Publ.: Dec 1926 (date on reprint; text read 1926), p. [488]-491. *Copy*: L. – Reprinted and to be cited from *S. Afr. J. Sci.* 23: 488-491. 1926.
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Publ.: 1928, cover-t.p., p. [58]-81, *pl.* 1 (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from *Recueil Trav. bot. Néerl.* 25a: 58-81, *pl.* 1. 1928.
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Publ.: 1929, cover-t.p., p. [i], 182-213, *pl.* 5 with text, 1 map. *Copies*: B, L. – Reprinted and to be cited from *Ann. Transvaal Mus.* 13(3): 182-213, *pl.* 5 with text, 1 map. 1929.
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- 22.732.** *Merkwürdige Sukkulententypen aus dem nördlichen Transvaal* ... Jena (Verlag von Gustav Fischer) 1932. Oct.
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- 22.734.** *The bacteriophilous species of Psychotria* ... Extracted from *The Journal of Botany* ... 1933. Oct.
Publ.: Oct 1933 (date on p. [271] of reprint), p. [271]-280. *Copies*: L, U. – Reprinted and to be cited from *J. Bot.* 71: 271-280. 1933.
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Additional notes: Dec 1936 (date on p. [iii*] of cover), cover-t.p., p. [ii*], [705]-715. *Copies*: FAS(B), L, U. – *Id.* 33: 705-715. 1936. – Also issued as *Meded. Bot. Mus. Herb. Rijksuniv. Utrecht* no. 35.
- 22.736.** *Rubiaceae* ... Amsterdam (printed by J.M. de Bussy Ltd.) 1934. Oct.
Publ.: Mar 1934 (publ. date of *Flora*), cover-t.p., p. [1]-298. *Copies*: L, U. – Reprinted and to be cited from *Flora of Surinam (Dutch Guyana)*, ed. A. Pulle 4(1): [1]-298. 1934.

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Publ.: 10 Nov 1934 (in journal; Nat. Nov. Jul 1935), Reprinted and to be cited from Fedde
 Repert. spec. nov 37: 1-208. 1934. *Copies:* FAS(B), L, U.
Additions and emendations: I. 10 Oct 1939 (date on p. [12] of reprint), II. 25 Nov 1939 (in
 journal), p. [12]-28, 81-98. *Copies:* FAS(B), L, U. – Reprinted and to be cited from Fedde
 Repert. spec. nov. 47: 12-28, 81-98. 1939.
- 22.738.** *Species nova ... [Ixora hippoperifera ...] ... Hooker Icones plantarum ... 1934. Oct.*
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- 22.739.** *Wie soll die Bezeichnung Baum verwendet werden? ... Berlin-Dahlem 1935. Oct.*
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 Biol. 17(3): 37-43. 1935.
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 (Archipel Drukkerij) 1935. Oct.*
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- 22.742.** *Scientific results of the Vernay-Lang Kalahari expedition, March to September, 1930.
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 Museum ... 1935. Oct.*
Co-author: Anna Amalia Obermeyer (1907-x), see TL-2/3: 800.
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 Transvaal Mus. 16(3): 399-442. 1935.
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 Views of the vegetation of the Central Kalahari ... Reprinted from the Annals of the Transvaal
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 Utrecht no. 35.
- 22.746.** *The Ixora species of Burma and the Andaman Islands ... Extracted from The Journal
 of Botany ... 1937. Oct.*
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Publ.: 25 Nov 1937 (in journal and on p. 401 of reprint), cover, p. [401]-418, *pl. 11* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from Ber. deut. bot. Ges. 55(8): 401-418, *pl. 11*. 1937.
- 22.750.** *Contribution à l'étude du genre Pavetta.* Description de quatre espèces nouvelles du Congo Belge ... [Bruxelles (Goemaere, Imprimeur du Roi, ...) 1937]. Oct.
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Publ.: Jul 1938 (publ. date of Flora), cover-t.p., p. 166-252. *Copies*: FAS(B), L, U. – Reprinted and to be cited from Flora of Surinam (Dutch Guyana) ed. A. Pulle 4(2): 166-252. 1938.
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- 22.756.** *On the position of the genera Carlemannia Benth. and Sylvianthus Hook. f. ...* Extrait du Recueil des Travaux botaniques néerlandais ... 1939. Oct.
Publ.: Mai 1939 (in journal), p. [1]. *Copies*: FAS(B), L, U. – Reprinted and to be cited from Recueil Trav. bot. Néerl. 36: 372. 1939. – Note: the reprint was included in the reprint of *The genus Mussaendopsis*, see above, on the verso of p. 371.
- 22.757.** *Pleiocraterium genus novum Rubiacearum Hedyotidearum ...* Société botanique néerlandaise ... 1939. Oct.

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Publ.: Mai 1940 (date on inside cover), cover-t.p., p. [171]-197, [198]-236, [237]-278. **Copy:** L. – Reprinted and to be cited from *Recueil Trav. bot. Néerl.* 37: 171-278. 1940.

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Bremme, I. (fl. 1886), German teacher at the Grossherzoglichen Realschule in Oppenheim am Rhein, Hessen, subsequently teacher at the State Gymnasium ib. and active with the archives of Darmstadt and Oppenheim. (*Bremme*).

HERBARIUM and TYPES: Unknown.

22.765. *Die Strauch- und Blattflechten von Hessen, besonders von Rheinhessen.* Ein Beitrag zur Flechtenflora von Hessen ... *Beilage zum Programm der Realschule zu Oppenheim [Druck von Wilh. Traumüller] ...* 1886. Oct. (*Strauch- Blattfl. Hessen*).

Publ.: Mar-Apr 1886 ("Ostern" 1886; *Bot. Centralbl.* 6-10 Sep 1886, *Bot. Zeit.* 26 Nov 1886, *Nat. Nov.* (2) 1886), p. [1]-52. **Copies:** B, G, L, NSUB/GOET. – Independent appendix to the "Programm der Realschule zu Oppenheim".

Brenchley, Winifred Elsie (1883-1953), British botanist, B.Sc. London Univ. 1905, collaborator 1907 and head of the Botanical Department of the Rothamsted Experimental Station 1907-1947. (*Brenchley*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 246; BL 2: 215; Kew 1: 354.

BIOFILE: Anon., The Times 19 and 31 Oct 1953; Nature 172: 936. 1953; Who was who 1951-1960: 133.

Buxton, P.A., Proc. R. entom. Soc. London C-18: 79. 1954.

22.766. *The weeds of arable land I-III ...* 1911-1913. Oct.

Publ.: 1: Jan 1911, Ann. Bot. 25(97): 155-165. 1911. – No reprint seen.

2: Jan 1912, Id. 26(101): 95-109. 1912. – No reprint seen.

3: Jan 1913 (in journal), p. [141]-166. *Copy:* L. – Reprinted and to be cited from Ann. Bot. 27(105): 141-166. 1913.

22.767. On branching specimens of *Lyginodendron oldhamium*, Will. ... Extracted from the Linnean Society's Journal-Botany ... 1913. Oct.

Publ.: Jul 1913 (in journal; text read 1 Mai 1913), p. [349]-356. *Copy:* L. – Reprinted and to be cited from J. Linn. Soc., Bot. 41: 349-356. 1913.

22.768. *Weeds of farm land ...* London (Longmans, Green and Co. ...) New York, Bombay, Calcutta, and Madras. 1920. Oct. (*Weeds farm land*).

Publ.: 1920 (preface Jun 1920; MO rd. 30 Mar 1921), frontispiece (photo), p. [i]-x, [1]-239. *Copies:* MO, NY. – Author index on p. 228-229, general index 229-239. – See BL 2: 215.

***Brenckle, Jacob Frederic[k]** (1875-1958), American physician and mycologist, studied at Milwaukee Medical College, M.D. 1897, practicing physician at Kulm, North Dakota 1899-1923, served in the U.S. army in W.W. I, at Northville, S. Dakota 1923-1937, ultimately at Millette, S. Dakota. (*Brenckle*).

HERBARIUM and TYPES: NY. – Sets of his *Fungi dakotensis*: BM, BP, BPI, BRU, CUP, DAO, HH(FH), IMI, L, M, MICH, MIN, MO, NDA, NY, PAD, PENN, PH, PUR, RMS, S, TRTC, U, US. – Guatemalan material MIN, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 246 (b. 14 Nov 1875); Ewan ed. 2: 26; IH 2: 95; LS suppl. 3573-3578; NAF 7: 1053; Stevenson p. 1237; TL-2/1: 316.

BIOFILE: Stevenson, J.A., Beih. Nova Hedwigia 36: 51-60. 1961.

22.769. *Fungi dakotensis ...* 1908-1929 [Exsiccati].

set	nos.	date	set	nos.	date
1	1-25	Nov 1908	11	251-275	Oct 1914
2	26-50	Mar 1909	12	276-300	Dec 1914
3	51-75	Oct 1909	13	301-325	Jul 1915
4	76-100	Jan 1910	14	326-350	Sep 1915
5	101-125	Aug 1910	15	351-375	Jan 1916
6	126-150	Sep 1911	16	376-400	Oct 1916
7	151-175	Feb 1912	17	401-425	Dec 1916
8	176-200	Dec 1912	18	426-450	Aug 1917
9	201-225	Jul 1913	19	451-475	Aug 1918
10	226-250	Nov 1913	20	476-500	Aug 1921

set	nos.	date	set	nos.	date
21	501-520	Jul 1922	25	601-625	Nov 1927
22	526-550	Jul 1923	26	626-650	Aug 1928
23	551-575	Dec 1926	27	651-675	Oct 1929
24	576-600	Jul 1927			

Ref.: Seaver, F.J., North-American Cup Fungi 1942.

Saccardo, P.A., Mycologia 12: 199-205. 1920.

Distribution: by J.F. Brenckle, Kulm, N. Dakota 1908-1923, Northville, S. Dakota 1923-1929, in Europe by Th.O. Weigel, Leipzig.

22.770. A new *Polygonum* from Garfield County, Utah ... The University of Utah, Salt Lake City ... 1940. Oct. (*Polyg. Garf. County*).

Co-author: Walter Pace Cottam (1894-x).

Publ.: 27 Jun 1940 (date on p. [1]), p. [1]-7. Copy: NY. – Issued as Bull. Univ. Utah 30(15): 1-7. 1940 (Biol. series 5(9)).

Brendel, Frederik (1820-1912), German born (Erlangen), studied at the University of Erlangen, M.D. 1843, assistant physician at the Bamberg city hospital 1846-1848, emigrated to the United States 1850, journeying westward to Missouri, worked some time with Engelman, settled at Peoria, Illinois, active as physician. (*Brendel*).

HERBARIUM and TYPES: ILL. – Further material at B, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 247 (b. 20 Jan 1820, d. 10 Aug 1912); BJI 1: 7; BL 1: 158, 175; BM 1: 231; IH 2: 95; Kew 1: 354; LS 3835; ME 3: 543; Morren ed. 10, p. 119; Tucker 1: 109 (10 entries).

BIOFILE: Brendel, F., Amer. Natural. 13: 754-771. 1879 (“Historical sketch of science of botany in North America from 1635-1840”).

Chase, V.H., Trans. Illinois State Acad. Sci. 24(2): 72-79. Dec 1931 (biogr., portr.).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 415. 1983 (letters to Keck at UPS-UB).

Meadows, E.L., Trans. Illinois State Acad. Sci. 50: 66. 1957.

COMPOSITE WORKS: (1) Additions and annotations to Lapham’s catalogue of Illinois plants [Springfield 1859], Trans. Illinois State Agric. Soc. 3: 583-585. 1859, see TL-2/2: 757-758.

22.771. *The trees and shrubs in Illinois ...* (s.l.n.d.). Oct.

Publ.: 1860 or earlier (rd. at G 1860), p. [1]-19. Copies: G, NY(2). – This publication, evidently a reprint from a periodical, however, without identification is combined with “*The oaks of Illinois*”, also by Brendel, p. [20]-47, pl. 1-10 (uncol.) in text. – Motto: “Welcome, ye shades! ye bowery thickets hail!” ... “Delicious is your shelter to the soul” [Thomson].

22.772. *Flora Peoriana.* Die Vegetation im Clima von Mittel-Illinois ... Budapest (Buchdruckerei des Franklin-Vereins) 1882. Oct.

Publ.: 1882 (Bot. Zeit. 26 Jan 1883), p. [1]-107. Copy: G. – Reprinted and to be cited from Termész. Füzet. 5(2-4): 299-407. 1882. – “A Musaeo nationali Hungarico edito”.

English version: 1887. – *Flora Peoriana*, the vegetation in the climate of Middle Illinois. Peoria, Ill. 1887, 89 pp., n.v., also issued in Erlangen (R. Merkel) 1888, n.v. (see Bot. Centralbl. 35: 244. 20-24 Aug 1888).

Ref.: Koehne, E., Bot. Zeit. 41(27): 451-452. 6 Jul 1883 (rev.).

Engler, A., Bot. Jahrb. 4(Lit.): 469-470. 1883 (detailed rev. of German version), 10(Lit.): 43. 1888 (English version).

Brenner, Mårten [Magnus Wilhelm] (1843-1930), Finnish botanist, Fil. kand 1869, Mag. phil. Univ. Helsinki 1869, teacher at the Swedish secondary school in Helsinki 1873-1896, id. at the "Reallyceum" Helsinki 1896-1897. (*Brenner*).

HERBARIUM and TYPES: H. – Further material in C, GB, M, S, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 247 (b. 21 Mai 1843, Helsinki, d. 24 Apr 1930, Svartback i Ingå); BL 2: 58, 70, 84, 85, 88; BM 1: 231; Collander Hist. p. 34, 48, 66-67, 87; GR p. 608; GR, cat. p. 61; IH 2: 95; Kew 1: 355; KR p. 101-102 (7 nos.); LS 3838, 31.510-31.513; Morren ed. 10, p. 97; Saelan p. 46-53 (major bibl. up to 1901); TL-2/see indexes; TR p. 41; Tucker 1: 109.

BIOFILE: Anon., Generalregister Bot. Not. 1839-1938. 12, 89. 1939 (refs., notes).

Borodin, J., Trav. Mus. Bot. Acad. Sci. St. Petersb. 4: 12. 1908.

Hertel, H., Mitt. Bot. Staatssamml. München 16: 350. 1980 (Lich.).

Wittrock, V.B., Acta Horti Berg. 3(3): 92, pl. 120. 1905.

COMPOSITE WORKS: (1) Contributed to C. Schröter, *Lebensgesch. Bl.-Pfl. Mitteleuropas* 1(3), see TL-2/11.174.

22.773. *Bidrag till kännedom af Finska vikens övegetation ...* Helsingfors (Theodor Sederholms boktryckeri) 1870. Oct.

Publ.: 1870, p. [1]-38. *Copies*: G, L. – Reprinted and to be cited from Not. Sällsk. Fl. Fauna fenn. Förh. 11: 1-38. 1870 ("1871").

Ref.: Saelan no. 4.

22.774. *Ytterligare bidrag till kännedomen om Finska vikens övegetation ...* [Notiser Sällskapets pro Flora et Fauna fennica Förhandlingan Helsingfors] 1871. Oct.

Publ.: 1871, p. [445]-448. *Copy*: G. – Reprinted and to be cited from Not. Sällsk. Fl. Fauna fenn. Förh. 11[15 serie, 8. Häftet]: 445-448. 1871.

Ref.: Saelan no. 5.

Anon., Bot. Not. 1871: 97-98.

22.775. *Bidrag till kännedom af Finska Vikens Övegetation. IV. Hoglands Lafvar ...* Helsingfors (J. Simelii Arfvingars Tryckeri) 1885. Oct. (*Hogl. Lafv.*).

Publ.: 1885 (mss. submitted 7 Feb 1885; Bull. Soc. bot. France 11 Dec 1885), p. [1]-143.

Copies: G, L. – Issued in Meddel. Soc. Fauna Flora Fennica 12: 1-143. 1885.

Note: For no. 1 see *Bidrag ...* 1870 above, for no. 2 see *Ytterligare bidrag* 1871, above, for no. 3 see Saelan no. 12; this publ. Saelan no. 13. – Blake 2: 70.

Ref.: Anon., Bot. Centralbl. 26: 291-293. 1886.

22.776. *Carduus crispo-nutans* Koch., en för den finska floran ny ruderatväxt, i sammanhang med några andra i Finland på barlast anträffade *Carduus*-Arter, ... (Meddel. af Societas pro Fauna et Flora fennica ... 1886). Oct.

Publ.: 1886 (submitted 10 Oct 1885), p. [145]-148. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 13: 145-148. 1886.

Ref.: Saelan no. 14.

22.777. *Floristik handbok*, innefattande i Finland vildt växande samt förvildade och allmänare odlade fröväxter och högre spörväxter, för läroverken i Finland ... Helsingfors (G.W. Edlunds förlag) 1886. Oct. (*Florist. handb.*).

Publ.: 1886, p. [i-iv], [1]-260. *Copy*: L.

Ref.: Saelan no. 15; BL 2: 58.

22.778. Om variationsförmågan hos *Primula officinalis* (L.) Jacq. i Finland ... Meddel. af Societas pro Fauna et Flora fennica ... [Helsingfors (J. Simelii arfvingars tryckeri) ... 1886]. Oct.

Publ.: 1886 (submitted 3 Apr 1886), p. [33]-52. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 14: 33-52. 1886.

Ref.: Saelan no. 16.

22.779. Om förekomsten af *Festuca duriuscula* L. i Finland ... (Meddel. af Societas pro Fauna et Flora fennica ... [Helsingfors (J. Simelii arfvingars boktryckeri) 1887]. Oct.

Publ.: 1887 (read 2 Apr 1887), p. [139]-142. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 14: 139-142. 1887.

Additions: Meddel. Soc. Fauna Flora Fennica 18: 210-211. 1891.

Ref.: Saelan no. 17.

22.780. Om de i Finland förekommande formerna af Linnés ursprungliga *Juncus articulatus* Fl. suec., Sp. plant. edit. I. ... Meddel. af Societas pro Fauna et Flora fennica ... 1888 [Helsingfors (J. Simelii arfvingars boktryckeri-aktiebolag) ... 1889]. Oct.

Publ.: 1889 (in journal; mss. submitted 12 Mai 1888), p. [47]-58. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 16: 47-58. 1889.

Ref.: Saelan no. 18.

Anon., Bot. Centralbl. 40: 374-375. 1889.

22.781. Om några *Taraxacum*-former ... Meddel. af Societas pro Fauna et Flora fennica 1889 [Helsingfors (J. Simelii arfvingars boktryckeri-aktiebolag) ... 1890]. Oct.

Publ.: Jan-Mai 1890 (submitted 7 Dec 1889, Bull. Soc. bot. France 23 Mai 1890), p. [107]-114. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 16: 107-114. 1890.

Ref.: Saelan no. 20.

Anon., Bot. Not. 1889: 218-219, Bot. Centralbl. 61: 147-148. 1895.

22.782. Spridda bidrag till kännedom af Finlands *Hieracium*-former. I. Sydfinska *Archieracia*, hufvudsakligen från Nyland ... Helsingfors [J. Simelii arfvingars boktryckeri aktiebolag] ... 1892. Oct.

Publ.: I: 1892 (mss. submitted 13 Mai 1891, journal issue 1892), p. [i, t.p.], [77]-130, [131, errata]. *Copies*: B, L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 18: 77-131. 1892. – Saelan no. 21.

2: 1893 (mss. submitted 8 Apr 1893, journal issue 1893), p. [1]-40, [41], 42-43. *Copies*: L, U. – Issued as Acta Soc. Fauna Flora Fennica 9(5). 1893. – II. *Nordösterbottniska Hieracia*. – Saelan no. 22.

3: 1894 (mss. submitted 19 Mai 1894), p. [1]-57, [59, err.]. *Copies*: L, U. – Id. 12(1). 1894. – III. *Nyländska Piloselloidea*. – Saelan no. 23.

4: 1895 (mss. submitted 6 Apr 1895), cover-t.p., p. [1]-68. *Copies*: L, U. – Id. 13(1). 1895. – IV. *Nyländska Hieracia*, jämte former från Lojo-trakten. – Saelan no. 24.

5: 1897 (mss. submitted 13 Mai 1897), cover-t.p., p. [1]-24. *Copies*: L, U. – Id. 16(1). 1897. – V. *Västnyländska Hieracia*. – Saelan no. 25.

6: 1903 (mss. submitted 13 Mai 1900, sic), p. [1]-84. *Copy*: U. – Id. 25(2). 1903. – VI. *Sudfinska Pilosellae*, hufvudsakligen från Nyland och sydligaste delen af Tavastland. – Collander et al. no. 108.

7: 1903 (mss. submitted 7 Feb 1903), cover-t.p., p. [1]-40. *Copies*: L(2), U. – Id. 25(6). 1903. – VII. *Sydvästländska och nyländska Hieracia*. – Collander et al. no. 109.

Microfiche issue: IDC 8553/1.

22.783. Om några i Finland förekommande former af *Viola tricolor* L. ... Öfvertryck ur Sällsk. pro Fauna et Flora Fennica ... 1893. Oct.

Publ.: 1893 (read 4 Feb 1893), p. [75]-81. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 19: 75-81. 1893. – Saelan no. 27.

- 22.784.** Bidrag till kännedom af *Lichenologin i Finland* 1673-1896. Kronologisk framställning af uppgifter rörande Finlands lafvar och den lichenologiska verksamheten i Finland, ... Helsingfors (Helsingfors Centraltryckeri) 1896. Oct. (*Lichenol. Finl.*).
Publ.: 1896, cover-t.p., p. [1]-59. *Copies*: B, G, L. – Saelan no. 31.
- 22.785.** *Euphrasia hebecalyx* Brenn. förut *E. micrantha* Brenn. ... Bot. Not. 1898. Oct.
Publ.: 21 Sep 1898 (in journal), p. [181]-183. *Copy*: L. – Reprinted and to be cited from Bot. Not. 1898: 181-183. – Saelan no. 11.
- 22.786.** Observationer rörande den nordfinska floran under adertonde och nittonde seklen, särskildt med afseende å kärlväxterna i Öster-Norrbottnen, Nord-Österbottnen och Kajanien ... Helsingfors (Acta Societas pro Fauna et Flora fennica ...) 1899. Oct. (*Nordfinska fl.*).
Publ.: 1899 (mss. submitted 15 Mai 1898; published in 1899), p. [1]-307, col. map. *Copy*: U. – Issued as Acta Soc. Fauna Flora Fennica 16(4). 1899. – Saelan no. 33, BL 2: 88.
- 22.787.** *Erophila-former i Finland* ... Särtryck ur Meddelanden af Societas pro Fauna et Flora Fennica ... Helsingfors 1903. Oct.
Publ.: 1903 (read 4 Apr 1903), p. [125]-133. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 29: 125-133. 1903. – Collander et al. no. 116.
- 22.788.** *Polygonum calcatum* Lindm. i Finland ... Särtryck ur Meddelanden af Societas pro Fauna et Flora fennica ... Helsingfors 1905. Oct.
Publ.: 1905, p. [11]-12. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 31: 11-12. 1905. – Reprint contains also on p. 12-14: *Inom Helsingfors stads område förstörda växtlokaler*, id. 31: 12-14. 1905. – Collander et al. no. 122, 123.
- 22.789.** *Taraxacum officinale-former i Finland* ... Särtryck ur Meddelanden af Societas pro Fauna et Flora fennica ... 1905 [-1908]. Oct.
Publ.: 1905, 1 pl., p. [37]-40. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 31: 37-40, 1 pl. 1905. – Collander et al. no. 124.
Nya Taraxacum officinale-former: 1906, p. [96]-99. *Copy*: L. – Id. 32: 96-99. 1906. – Collander et al. no. 135.
Några Taraxacum officinale-former: 1908, p. [22]-26. *Copy*: L. – Id. 34: 22-26. 1908. – Collander et al. no. 148.
- 22.790.** För Finland nya adventiv-växter ... Särtryck ur Meddelanden af Societas pro Fauna et Flora fennica ... 1905. Oct.
Publ.: Oct-Dec 1905 (see footnote on p. 45), p. [44]-45. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 31: 44-45. 1905. – Reprint contains also on p. 45-46: *Sekundär stambildning hos tall, gran och björk i Ingå*, id. 31: 45-46. 1905. – Collander et al. no. 125, 126.
- 22.791.** Förändringar i Helsingfors stadt flora ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors ... 1906. Oct.
Publ.: 1906 (text dated 8 Apr 1905, journal 1906), p. [117]-135. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 31: 117-135. 1906. – Collander et al. no. 129.
- 22.792.** *Erythrocarpa Taraxacum-former i Finland* ... Särtryck ur Meddelanden af Societas pro Fauna et Flora Fennica ... Helsingfors ... 1906. Oct.
Publ.: 1906 (text dated 7 Apr 1906, date of printing "1906" on p. 115), p. [112]-115. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 32: 112-115. 1906. – Collander et al. no. 136.
- 22.793.** *Taraxaca nova vel distinctius definita* ... Sonderdruck aus Fedde, Repertorium ... 1907. Oct.

Publ.: 1907, p. [354]-357. *Copy*: L. – Reprinted and to be cited from Fedde Repert. spec. nov. 4: 354-357. 1907. – Collander et al. no. 146.

22.794. *Om tallens och granens kortbarriga former ...* Särtryck ur Meddelanden af Societas pro Fauna et Flora Fennica ... Helsingfors ... 1907. Oct.

Publ.: 1907 (text dated 3 Nov 1906, journal issue 1907), p. [35]-37. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 33: 35-37. 1907. – Reprint contains also on p. 37-39: *Picea excelsa f. oligoclada Brenn. i Ingå ...*, id. 33: 37-39. 1907. – Collander et al. no. 139, 140.

22.795. *En af namnförbistring hotad Taraxacum-form. Gamla former med nya namn. ...* Särtryck ur “Meddelanden af Societas pro Fauna et Flora fennica ...” Helsingfors ... 1907. Oct.

Publ.: 1907 (text dated 2 Feb 1907; journal issue 1907), p. [70]-74. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 33: 70-74. 1907. – Reprint contains also on p. 75: *En för Finland ny Taraxacum officinale-form, T. laeticolor Dahlst.*, id. 33: 75. 1907. – Collander et al. no. 141, 142.

22.796. *Några växtsynonymiska data ...* Särtryck ur Meddelanden af Societas pro Fauna et Flora Fennica ... Helsingfors ... 1907. Oct.

Publ.: 1907 (text dated 2 Mar 1907), p. [86]-92. *Copy*: L. - Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 33: 86-92. 1907. – Collander et al. no. 143.

22.797. *Några lapska Taraxacum-former ...* Särtryck ur “Meddelanden af Societas pro Fauna et Flora Fennica ...” Helsingfors ... 1907 [-1908]. Oct.

Publ.: 1907 (text dated 6 Apr 1907, journal issue 1907), p. [108]-112. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 33: 108-112. 1907. – Collander et al. no. 144.

[II]: 1908 (text dated 7 Dec 1907, journal issue 1908), p. [74]-76. *Copy*: L. – Reprint contains also on p. 76-81: *Nya växtfynd från västra Nyland, hufvudsakligen från Ingå*, id. 34: 76-81. 1907. – Id. 34: 74-76. 1908. – Collander et al. no. 152, 153.

22.798. *Några Taraxacum officinale-former ...* Särtryck ur “Meddelanden af Societas pro Fauna et Flora Fennica” ... Helsingfors 1908. Oct.

Publ.: 1908 (read 5 Oct 1907), p. [22]-26. *Copy*: L. – Reprint contains also on p. 26: *Mykologiska notiser*, id. 34: 26. 1908. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 34: 22-26, 26. 1908. – Collander et al. no. 148, 149.

22.799. *Periodiska aberrationer hos granen (Picea excelsa (Lam.) Link) ...* Särtryck ur “Meddelanden af Societas pro Fauna et Flora Fennica ...” Helsingfors ... 1908. Oct.

Publ.: 1908 (text dated 2 Nov 1907, journal issue 1908), p. [36]-38, 1 uncol. pl. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 34: 36-38. 1908. – Collander et al. no. 150.

22.800. *Några Linnaea-former i Finland ...* Särtryck ur Meddelanden af Societas pro Fauna et Flora fennica ... Helsingfors ... 1908. Oct.

Publ.: 1908 (text dated 1 Feb 1908, journal issue 1908), p. [89]-97. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 34: 89-97. 1908. – Collander et al. no. 154.

22.801. *Rosa opaca-former i Ingå ...* Särtryck ur “Meddelanden af Societas pro Fauna et Flora Fennica” ... Helsingfors ... 1908. Oct.

Publ.: 1908 (text dated 4 Apr 1908, journal issue 1908), p. [128]-131. *Copy*: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 34: 128-131. 1908. – Collander et al. no. 156.

- 22.802.** *Nya växtfynd från Nyland ...* Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1909. Oct.
Publ.: 1909 (text dated 3 Oct 1908, journal issue 1909), p. [5]-7. *Copy:* L. – Reprinted and to be cited from *Meddel. Soc. Fauna Flora Fennica* 35: 5-7. 1909. – Reprint contains also on p. 7-9: *Tillfälliga former af gran (Picea excelsa) och tall (Pinus silvestris)*, id. 35: 7-9. 1909. – Collander et al. no. 159, 160.
- 22.803.** *Två nya Linnaea-former ...* Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica ..." Helsingfors ... 1909. Oct.
Publ.: 1909 (text dated 5 Dec 1908, journal issue 1909), p. [56]-57. *Copy:* L. – Reprinted and to be cited from *Meddel. Soc. Fauna Flora Fennica* 35: 56-57. 1909. – Collander et al. no. 161.
Note: Reprint contains also *Hieraciologiska meddelanden* on p. 119-123, and *Några ord med anledning af H. Lindbergs "Taraxacum-Former"*, in *Acta Soc. Fauna Flora Fennica* 29 on p. 123-126. 1909). – Collander et al. no. 162, 163.
- 22.804.** Amanuensen H. *Lindbergs Taraxacum-förklaringar ...* Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors ... 1909. Oct.
Note: H. Lindberg (1871-1963), see TL-2/3: 29-31.
Publ.: 1909 (text dated 6 Mar 1909, journal issue 1909), p. [177]-191. *Copy:* L. – Reprinted and to be cited from *Meddel. Soc. Fauna Flora Fennica* 35: 177-191. 1909. – Collander et al. no. 167.
- 22.805.** Anteckningar från *Svenska Jenisej-Expeditionen 1876 ...* Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B. ... 1910. Oct. (*Sv. Jenis. Exp.*).
Publ.: 22 Jun 1910 (journal issue printed 3 Mar 1910), cover-t.p., p. [1]-108. *Copies:* L, U. – Issued as *Ark. Bot.* 9(9). 1910. – Collander et al. no. 168.
Microfiche edition: IDC 8562/1, mf. 65-66.
- 22.806.** *Afvikande granformer ...* Särtryck ur *Meddelanden af Societas pro Fauna et Flora fennica ...* Helsingfors ... 1910. Oct.
Publ.: 1910 (text dated 2 Nov 1909, journal issue 1910), p. [5]-8. *Copy:* L. – Reprinted and to be cited from *Meddel. Soc. Fauna Flora Fennica* 36: 5-8. 1910. – Reprint contains also on p. 8: *Temporär kortbarrighet hos tall* and on p. 9-13: *Nya Linnaea-former från Ingå*, id. 36: 8 and 9-13. 1910. – Collander et al. no. 170, 171, 172.
- 22.807.** *Linnaea borealis L. f. retinervis n.f. och f. superba Wittr. nya för Finland ...* Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1911. Oct.
Publ.: 2 Dec 1911 (date on p. 44), p. [43]-44. *Copy:* L. – Reprinted and to be cited from *Meddel. Soc. Fauna Flora Fennica* 38: 43-44. 1912. – Collander et al. no. 178.
- 22.808.** *Nya bidrag till den Nordfinska floran ...* Helsingfors 1911. Oct. (*Nya bidr. Nordfinska fl.*).
Publ.: 1911 (submitted 2 Apr 1910, copy L rd. 1 Jun 1911, journal issue 1911), cover-t.p., p. [1]-24. *Copy:* L. – Issued as *Acta Soc. Fauna Flora Fennica* 34(4). 1911. – Collander et al. no. 174.
- 22.809.** *Abnorma granar (Picea excelsa (Lam.) Link) i Ingå ...* Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1911. Oct.
Publ.: 1 Oct 1911 (in journal), p. [21]-23. *Copy:* L. – Reprinted and to be cited from *Meddel. Soc. Fauna Flora Fennica* 37: 21-23. 1911. – Reprint contains also on p. 23-27: *Abnorma blommor hos Platanthera bifolia (L.) Rchnb.*, id. 37: 23-27. 1911. – Collander et al. no. 175, 176.
- 22.810.** *Inom samma år upprepade växtperioder ...* Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1912. Oct.
Publ.: 3 Feb 1912 (in journal), p. [54]-56. *Copy:* L. – Reprinted and to be cited from *Meddel. Soc. Fauna Flora Fennica* 38: 54-56. 1912. – Collander et al. no. 179.

22.811. *Picea excelsa* f. *oligoclada* Brenn. och des afkomlingar ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora fennica" ... Helsingfors 1914. Oct.

Publ.: 1914 (text dated 7 Feb 1914, journal issue 1914), p. [121]-126. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 40: 121-126. 1914. – Collander et al. no. 180.

22.812. *En hvitblommig Taraxacum-art från Ryska Lappmarken* ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora fennica" ... Helsingfors 1915. Oct.

Publ.: 1915 (text dated 6 Feb 1915, journal issue 1915), p. [46]-48. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 41: 46-48. 1915. – Collander et al. no. 181, see also no. 142.

22.813. *Två för Finland nya Chenopodium album-former* ... ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1915. Oct.

Publ.: 1915 (text dated 6 Mar 1915, journal issue 1915), p. [63]-64. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 41: 63-64. 1915. – Collander et al. no. 182.

22.814. *Ytterligare om den fågreniga granens (Picea excelsa f. oligoclada Brenn.) afkomlingar* ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1916. Oct.

Publ.: 1916 (text dated 4 Mar 1916, journal issue 1916), p. [49]-56. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 42: 49-56. 1916. – Collander et al. no. 184.

22.815. *Abnorma kottefjäll och kottar hos den vanlige granen Picea excelsa (Lam.) Link, i Ingå* ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1917. Oct.

Publ.: 1917 (text dated 7 Oct 1916, journal issue 1917), p. [13]-20. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 43: 13-20. 1917. – Collander et al. no. 185.

22.816. *Några kottefjällsformer hos den vanliga granen Picea excelsa (Lam.) Link i Nyland* ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1917. Oct.

Publ.: 1917 (read 2 Dec 1916, journal published 1917), p. [63]-75. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 43: 63-75. 1917. – Collander et al. no. 186.

22.817. *Iakttagelser med afseende å le abnorma grankottarnas uppkomst* ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1918. Oct.

Publ.: 6 Oct 1918 (in journal), p. [20]-32. Copy: L. – Combined in one reprint with: *Pinus silvestris* L. f. *virgata* Casp. i Ingå, Nyland. Abnorma barrtråd och deras fortplantning, p. 32-38. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 44: 20-32, 32-38. 1918. – Collander et al. no. 187, 188.

22.818. *Thlaspi alpestre* L. i Finland ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1921. Oct.

Publ.: 1921 (1 Nov 1919 on p. 15), p. [11]-15. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 46: 11-15. 1921. – Collander et al. no. 193.

22.819. *Euphrasia hebecalyx* Brenn. (E. bottnica Kihlm., Jörgens ex p.) ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1921. Oct.

Publ.: 1921 (6 Dec 1919 on p. 60), p. [58]-60. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 46: 58-60. 1921. – Collander et al. no. 194.

22.820. *Astragalus cicer* L., ny för Finlands adventivflora. Egendomlig växtspridning ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1921. Oct. Publ.: 1921 (4 Dec 1920 on p. 45), p. [42]-45. Copy: L. – Reprinted and to be cited from Meddel Soc. Fauna Flora Fennica 47: 42-45. 1921. – Collander et al. no. 200.

22.821. Några utvecklingsformer af *ormgranen* (*Picea excelsa* f. *virgata* Jacq.) ... "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1925. Oct. Publ.: 1925 (read 3 Nov 1923 [sic]), p. [6]-8. Copy: L. – Reprinted and to be cited from Meddel. Soc. Fauna Flora Fennica 50: 6-8. 1925. – Collander et al. no. 209.

Brenner, Widar [Magnus] (1887-1932), Finnish botanist at Helsinki, son of H. Brenner, Dr. phil., assistant with the Finnish geological committee 1919. (*Wid. Brenner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 247 (b. 16 Aug 1887, Helsinki, d. 12 Mar 1932, ib.); BL 2: 68, 77, 83; KR p. 102.

BIOFILE: Anon., Bot. Not. 1916: 173, 1927: 145; ÖBZ 81(3): 240. 1932 (d. 12 Mar 1932).

22.822. *Studier över vegetationen i en del av västra Nyland och dess förhållande till markbeskaffenheten* ... Helsingfors (Statsrådets Tryckeri) 1921. Oct. (*Stud. veg. markbeskaff.*).

Publ.: 1921, p. [1]-105. Copies: KNAW, L. – Issued as Fennia 43(2), 1921. – German abstract: Studien über die Vegetation im westlichen Nyland (Süd-Finnland) und ihr Verhältnis zu den Eigenschaften des Bodens.

22.823. *Växtgeografiska studier i Barösunds Skärgård* ... I. Allmän del och floran ... Helsingfors (Acta Societatis pro Fauna et Flora fennica ... 1921). Oct.

Publ.: Oct-Dec 1921 (submitted 1 Oct 1921), p. [i-iii], [1]-151, map. Copies: L, U. – Issued as Acta Soc. Fauna Flora Fennica 49(5). 1921.

Ref.: BL 2: 83.

22.824. *Zur Kenntnis der Blütenentwicklung einiger Juncaceer* ... Helsingfors (Acta Societatis scientiarum fennicae) 1922. Qu. (*Kenntn. Bl.-Entw. Juncac.*).

Publ.: Oct-Dec 1922 (text submitted 25 Sep 1922), cover-t.p., p. [1]-37, 1 pl. (phot.). Copies: B, L. – Issued as Acta Soc. Sci. Fenn. 50(4). 1922.

22.825. *Beiträge zur edaphischen Ökologie der Vegetation Finnlands* ... Helsingforsiae (Acta Botanica Fennica) 1930-1931. Oct. (*Beitr. Ökol. Veg. Finnl.*).

Publ.: I: 1930 (submitted 8 Feb 1930), p. [1]-97. Copy: U. – Issued as Acta bot. fenn. 7. 1930. – I. Kalkbegünstigte Moore, Wiesen und Wiesenwälder.

2: 1931 (submitted 6 Dec 1930), p. [1]-58. Copy: U. – Id. 9. 1931. – II. Wiesen.

Brenner, Wilhelm (fl. 1900-1910), Swiss (Basel born) botanist and highschool teacher at Basel, studied at the University of Basel, worked on his thesis at the Botanisches Institut der Universität Halle-Wittenberg 1898-1899. (*W. Brenner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 247; Kew 1: 355.

22.826. *Untersuchungen an einigen Fettpflanzen*. Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Universität Basel ... München (Druck von Val. Höfling, ..) 1900. Oct. (*Unters. Fettpfl.*).

Publ.: 1900 (probably preprint, before 5 Oct 1900), cover-t.p., p. [1]-57. Copies: B, L, NY. – Also issued in Flora 87(4): 387-439. 5 Oct 1900.

22.827. *Klima und Blatt bei der Gattung Quercus.* ... [Sonderabdruck aus "Flora oder Allg. bot. Zeitung" ... 1902]. Oct.

Publ.: 4 Dec 1901 (in journal), cover (identif.), p. [i, id., recto of p. 114], [114]-160. *Copy*: B. – Reprinted and to be cited from *Flora* 90(1): 114-160. 1901 ("1902").

22.828. *Beiträge zur Blütenbiologie.* Wissenschaftliche Beilage zum Jahresbericht der Realschule zu Basel 1909-1910 ... Basel (Buchdruckerei Werner-Riehm) 1910. Qu. (*Beitr. Bl.-Biol.*).

Publ.: 1910, cover-t.p., p. [1]-41, [42]. *Copies*: B, L.

***Bresàdola, Giacomo** (1847-1929), Italian mycologist and clergyman, born in Ortisei, Trento, primary schooling at Montichiari, subsequently at the Technical school at Rovereto 1859, entered the seminary in Trento 1863, ordination 1870, curate in various locations from 1864, ultimately 1887-1910 administrator of the cathedral chapter in Trento, lifelong dedicating himself also to mycology. (*Bres.*).

HERBARIUM and TYPES: Main herbarium was acquired by Lars Romell (1854-1927, see TL-2/4: 876-877), who deposited it in S (see *Phycologia* 20: 50. 1928, info D.P. Rogers). – Further material in B, CUP, FH, K (second set of herbarium), M, NY, PAD, PC, POR, TOR, TR. – Contributed to C. Roumeguère, *Fungi exsiccati praecipue Gallici* (see TL-2/4: 934). – *Exsiccatae: Fungi tridentini* fasc. 1 (1881) - fasc. 14 (1900).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 226, 320, 327; Barnhart 1: 247 (b. 14 Feb 1847, d. 9 Jun 1929), *BJI* 1: 7; *BM* 1: 231, 6: 125; Bossert p. 52; *CSP* 12: 118, 13: 793-794; *DTS* 1: 34, 3: xl, 6(4): 55; *GR* p. 431; *GR*, cat. p. 61; *IH* 2: 95, 549; *Kew* 1: 355; *KR* p. 102; *LS* 3839-3887, 31.514-31.518; *LS* suppl. 3623-3642; *MW* p. 53; *NAF* 9(6): 430, 7(15): 1053; *NI* 229-231; *Saccardo* 1: 37, 2: 119; *Stevenson* p. 1237; *TL-2/1*: 317-319 and see indexes; *Urban-Berl.* p. 274; *WU* 1: 112.

BIOFILE: Ainsworth, G.C. and G.R. Bisby, *Dict. fungi* ed. 6. 78. 1971.

Anon., *J. Mycol.* 12: opp. 1, 137. 1906 (portr.); *Bull. Lloyd Libr., Mycol.* ser. 6: 95. 1912; *J. Bot.* 63: 168. 1936 (publ. of *Icon. mycol.*, TL-2/745 to be published at his 80-th year).

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Bresàdola, G., *Icon. mycol.* 26: v-xvi. 1923 (bibl.).

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Fenaroli, L., *L'Abate Giacomo Bresàdola e la sua opera micologia*, Milano 1927, 12 p. (repr. from *Riv. mens. Touring Club Ital.* Jul 1927); *Glorie d'Italia, L'abate Giacomo Bresàdola, La Vie d'Italia*, Milano, Jul 1927, 11 p. (copy MO).

Heim, R., *Ann. crypt. exot.* 5(1): 5-15. 1932 ("l'oeuvre de G.B.").

Iseli, J., *Schweiz. Z. Pilzk.* 1939: 197-199 (obit., portr.).

Killermann, S., *Z. Pilzk. ser. 2.* 5: 121-128. 1926 (portr., bibl.), ser. 2. 8: 98-99. 1929.

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Murrill, W.A., *Torreya* 6: 233-234. 1906, *Mycologia* 22: 49-50. 1930 (portr.).

Niccolini, Lud., *Silva profunda, in honorem Bresàdolae.* Trento 1928 (8 p., Latin poem in honor of B.).

Raab, H. *Schweiz. Z. Pilzk.* 57(5): 69. 1979.

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Wakefield, E.M., *Kew Bull.* 1929(7): 236-237 (obit.).

Wittrock, V.B., *Acta Horti Berg.* 3(3): 65. 1905 (portr.).

NOTES: (1) Bresàdola used three variations of his first name: Giacomo (Italian), Jacapo and Iacapo (other languages).

(2) In 1979 was published: *Omnia Bresadolina extracta in unum collecta ...* by Gruppo micologico G. Bresàdola, Trento (in occasione del 50° della morte di G. Bresàdola), [i-iv], 1-1055, being a copy of all publications of this author with portrait and col. photos of all illustrations.

COMPOSITE WORKS: (1) See Berlese, *Micromycetes tridentini*, Trento 1889, see TL-2/473.

(2) With P.A. Saccardo, *Enumerazione dei funghi della Valsesia*, see TL-2/9924.

22.829. *Di due nuove specie di imenomiceti ...* Estratto dal *Bullettino della Società botanica italiana ... nel Nuovo Giorn. bot. ital. ...* 1890 [i.e. 1891]. Oct.

Publ.: Jan 1891 (in journal, read 3 Sep 1890), p. [158]-159. *Copies*: B, NY. – Reprinted and to be cited from *Bull. Soc. bot. ital. in Nuovo Giorn. bot. ital.* 23(1): 158-159. 1891.

22.830. *Contributions à la flore mycologique de l'Ile de St. Thomé ...* [Extrait de la *Revue mycologique ...* 1891]. Oct.

Publ.: Apr 1891 (date on p. 4), p. [1]-4. *Copy*: B. – Reprinted and to be cited from *Rev. mycol.* 13(50): 65-69. 1891.

22.831. *Fungi lusitani* collecti a cl. viro Adolphus Fr. Moller, anno 1890 ... Extr. do *Bol. da Soc. Brot., ...* [Coimbra (Imprensa da Universidade)] 1891. Oct.

Collector: Adolpho Frederico Moller (1842-1920), see IH 2: 549.

Publ.: 1891 (read 31 Dec 1890, imprint on p. 9: 1891), p. [1]-5. *Copies*: B, L. – Reprinted and to be cited from *Bol. Soc. Brot.* 9: 29-37. 1891.

22.832. *Fungi aliquot saxonici novi* [vel critici] a cl. W. Krieger lecti ... [1-6] ... *Sonderabdruck aus Hedwigia* 1892-1900. Oct.

Collector: [Karl] Wilhelm Krieger (1848-1921), see TL-2/2: 674.

Publ.: 1: Jan-Apr 1892, in *Hedwigia* 31(1-2): 40-41. 1892.

2: Jan-Feb 1893, p. [32]-33. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 32(1): 32-33. 1893.

3: 1 Aug 1894, p. [206]-210. *Copy*: B. – Id. 33(4): 206-210. 1894.

4: 1 Aug 1896, p. [199]-201. *Copy*: B. – Id. 35(3a): 199-201. 1896.

5: 29 Dec 1897, in *Hedwigia* 36(6): 381-382. 1897. – No reprint seen.

6: 28 Dec 1900, in *Hedwigia* 39(6): 325-328. 1900. – No reprint seen.

22.833. *Imenomiceti novi ...* Estratto dal *Bullettino della Società botanica italiana ...* 1892. Oct.

Publ.: 1892 (read 14 Feb 1892), p. [196]-197. *Copy*: NY. – Reprinted and to be cited from *Bull. Soc. bot. ital.* 1892: 196-197.

22.834. *Mycetes australienses novi*, et emendanda ad floram mycologicam Australiae ... [Dresden (Druck von C. Heinrich)] 1893. Oct.

Publ.: Mai-Jun 1893, p. [118]-119. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 32(3): 118-119. 1893.

22.835. *Die von Herrn P. Sintenis auf der Insel Portorico 1884-1887 gesammelten Pilze ...* [Separat-Abdruck aus Engler's botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann) 1893]. Oct.

Co-authors: Paul Christoph Hennings (1841-1908), see TL-2/2: 157-158, Paul Wilhelm Magnus (1844-1914), see TL-2/3: 245-247.

Collector: Paul Ernst Emil Sintenis (1841-1908), see TL-2/5: 619 and IH 2: 899-900.

Publ.: 7 Nov 1893 (in journal), cover (identif.), p. [489]-501, *pl. 12* (uncol. lith.). *Copies*: B(2), G, NY. – Reprinted and to be cited from *Bot. Jahrb.* 17(5): 489-501, *pl. 12*. 1893.

- 22.836.** Contribuzioni alla conoscenza della flora dell'Africa orientale. XI. *Alcuni Funghi della Somalia* e della Colonia Eritrea ... Estratto dall'Annuario del R. Istituto botanico di Roma ... [1896]. Oct.
Publ.: 1896 (read Apr 1896), p. [1]-4. *Copy*: B. – Reprinted and to be cited from Annuario R. Ist. bot. Roma 6(2): 177-180. 1896.
- 22.837.** *Di una nuova specie di Uredinea* ... Estratto dal Bullettino della Società botanica italiana ... 1897. Oct.
Publ.: 1897 (read 14 Feb 1897; Nat. Nov. Oct (1) 1897), p. [74]-75. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. bot. ital. 1897: 74-75.
- 22.838.** *Funghi di Vallombrosa*. Contribuzione IIa ... Estratto dal Nuovo Giornale botanico italiano ... 1900-1901. Oct.
Co-author: Fridiano Cavara (1857-1929), see TL-2/1: 474-475.
Publ.: 1: Jul 1900, Nuovo Giorn. bot. ital. ser. 2. 7(3): 272-310. 1900.
 2: Apr 1901 (in journal), cover-t.p., p. [1]-26. *Copy*: B. – Reprinted and to be cited from Nuovo Giorn. bot. ital. ser. 2. 8(2): 163-186. 1901.
- 22.839.** *Hymenomyces Fuegiani* a cell. viris P. Dusén et O. Nordenskjöld lecti ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1900. Oct.
Collectors: Per Karl Hjalmar Dusén (1855-1926), see TL-2/1: 712-713, and IH 2: 173, Otto Nordenskjöld (1869-1928), see IH 2: 601.
Publ.: 1900 (read 14 Feb 1900), p. 311-316. *Copies*: B, BR, L. – Reprinted and to be cited from Öfvers. K. Vet. Akad. Förh. 57(2): 311-316. 1900.
Reprinted in Sv. Exp. Magellansländ. 3(6): 267-272. *Copy*: FH.
- 22.840.** *Mycetes lusitanici novi* ... Rovereto (Tipografia U. Grandi & C.O.) 1902. Oct.
Publ.: 1902 (p. 131 signed Kalendis Aprilibus 1902), cover-t.p., p. [1]-11, 1 pl. *Copies*: B, L. – Reprinted and to be cited from Atti I. R. Accad. Sci. Lett. Art., Rovereto ser. 3. 8(2): 125-133, 1 pl. 1902.
- 22.841.** *Hymenomyces novi* vel minus cogniti ... Extractus ex "Annales Mycologici" ... 1905. Oct.
Publ.: 10 Mai 1905 (in journal), p. [159]-164. *Copy*: B. – Reprinted and to be cited from Ann. mycol. 3(2): 159-164. 1905.
- 22.842.** *Fungi Congoenses* ... Berlin (R. Friedlaender & Sohn) 1911. Oct.
Publ.: 1 Jun 1911 (in journal), cover-t.p., p. [266]-276. *Copy*: L. – Reprinted and to be cited from Ann. mycol. 9(3): 266-276. 1911.
- 22.843.** *Adnotanda mycologica* ... Extractus ex "Annales Mycologici" ... 1911. Oct.
Publ.: 10 Aug 1911 (in journal), p. [425]-428. *Copy*: L. – Reprinted and to be cited from Ann. mycol. 9(4): 425-428. 1911.
- 22.844.** *Basidiomycetes Philippinenses* Serie I. ... Sonderabdruck aus "Hedwigia" ... [1912]. Oct.
Publ.: *Serie I*: 25 Jan 1912 (in journal), p. 306-326. *Copy*: L. – Reprinted and to be cited from Hedwigia 51(4): 306-326. 1912.
Series [sic] II: 14 Dec 1912, in Hedwigia 53(3): 44-80. 1912. – No reprint seen.
Series [sic] III: 25 Mar-12 Jun 1915, id. 56(3): 289-304. 25 Mar, (4): 305-307. 12 Jun 1915. – No reprint seen.
- 22.845.** *Polyporaceae javanicae* ... Berlin (R. Friedlaender & Sohn) 1912. Oct.
Publ.: 31 Oct 1912 (in journal, p. 492: date mss. Mai 1912; Nat. Nov. Dec (1) 1912), cover-t.p., p. [492]-508. *Copies*: B, L. – Reprinted and to be cited from Ann. mycol. 10(5): 492-508. 1912.

Breton, André le (fl. 1876-1892), French mycologist at Rouen, one of the founders of the Société mycologique de France. (*A. Breton*).

HERBARIUM and TYPES: Unknown.

NOTE ON NAME: Mostly alphabetically listed as Le Breton.

BIBLIOGRAPHY and BIOGRAPHY: CSP 16: 654; LS 3893-3901.

22.846. *Excursions cryptogamiques* (Champignons) A Grand-Couronne, 21 février; à Saint Jacques, 14 mars et 8 avril; à la Forêt de Roumare, 8 Mai 1884. Liste raisonnée des principales espèces récoltées ... Rouen (Imprimerie Léon Deshayes ...) 1884. Oct.

Co-author: Alexandre François Malbranche (1818-1888), see TL-2/3: 263, and IH 2: 495.

Publ.: 1884, cover-t.p., p. [1]-21. *Copy:* L. – Reprinted and to be cited from Bull. Soc. Amis Sci. nat. Rouen 1884(1): 117-135.

22.847. *Essai sur quelques espèces critiques du genre Pleospora ...* Rouen (Imprimerie Julien Lecerf) 1887. Oct.

Publ.: 1887 (read 1886 2^e semestre, published 1887 in journal), cover-t.p., p. [1]-9, [10, impr.]. *Copy:* L. – Reprinted and to be cited from Bull. Soc. Amis Sci. nat. Rouen 1886(2): 206-212. 1886.

22.848. *Champignons nouveaux ou peu connus récoltés en Normandie* (Seine-Inférieure, Eure et Orne). 5^e Liste ... Rouen (Imprimerie Julien Lecerf) 1894. Oct.

Co-author: Eugène Niel.

Publ.: 1894, cover-t.p., p. [i, iii], [129]-170, 1 pl., [v, imprint]. *Copy:* L. – Reprinted and to be cited from Bull. Soc. Amis Sci. nat. Rouen 1893(2): 129-170, 1 pl. 1894.

Note: List no. 4 was published in Bull. Soc. Amis Sci. nat. Rouen 1887(1). Earlier lists not traced.

Breton, C. (fl. 1890-1900), French botanist at Montmédy nr. Verdun. (*C. Breton*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 181.

22.849. *Flore de la Meuse*. Plantes vasculaires. Tableaux dichotomiques des familles des genres et des espèces ... Montmédy (Imprimerie G. Pierrot) 1901. Oct. (*Fl. Meuse*).

Publ.: 1901, p. [i, iii], [1]-362. *Copies:* BR, MO. – Consolidated issue.

Note: The copy at BR has a note by R. Tournay, dated 31-11-1962 on the original publication in instalments in the journal Mém. Soc. Amat. Natur. Nord Meuse (from 1898 Soc. Natur. Archéol. Nord Meuse) [SANNM]:

1901 issue (pages)	publication in SANNM
1-19	Mém. 2: 33-52. 1890.
19-31	" 3: 33-45. 1891.
31-46	" 4: 1-16. 1892.
46-64	" 5: 1-19. 1893.
64-96	" 6: 6-38. 1894.
96-144	" 7: 1-49. 1895.
144-192	" 8: 1-49. 1896.
192-240	" 9: 1-49. 1897.
240-272	" 10: 3-35. 1898.
272-359	" 11: 1-88. 1899, (65-88 add., err.).
361-362	not in journal, table
[i, iii]	not in journal

***Bretschneider, Emil [Vasilievic]** (1833-1901), Latvian sinologist and botanist, born in Riga, studied medicine, physician to the Russian Embassy at Teheran 1862-1865, id. at Peking 1865-1884. (*Bretschn.*).

HERBARIUM and TYPES: LE, further material at B, BM(228), FI, HH, K, MO, PH.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 82; Barnhart 1: 248 (d. 29 Apr/12 Mai 1901 St. Petersburg); BJI 1: 7; BM 1: 233, 6: 126; Bret. p. 1048-1061; CSP 13: 795; IH 2: 95; Jackson p. 380; Kew 1: 356; Lipschitz 1: 272; Morren ed. 10, p. 151; MW p. 53; MW suppl. p. 28; Plesch p. 156; Rehder 1: 459, 5(index): 119; SK 1: cxviii; TL-2/1: 320 and see indexes; Urban-Berl. p. 333.

BIOFILE: Anon., J. Bot. 9: 320. 1871, 39: 287-288. 1901 (d. 14 Mai 1901); Bull. Soc. bot. France 19(Bibl.): 34-35. 1872 (rev. study value Chin. bot. works); Acta Horti Univ. Jurj. 2: 131-132. 1901; Kew Bull. 1901: 201-202 (brief sketch of life); ÖBZ 51: 319. 1901 (d.); Bot. Not. 1902: 94.

Bretschneider, E.V., J. N. China Branch Roy. Asiat. Soc. ser. 2. 15: 1-194. 1880 (reprint 1881, 192 p.); J. Bot. 32: 292-294. 1894 ("on some old collections of Chinese plants" with a critical note by J. Britten).

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 255.167, 269.347. 1980.

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Milner, J.D., Cat. portr. Kew 18. 1906.

Palibin, J., Bull. Jard. Imp. Bot. St. Pétersbourg 1(4): 163-173. 1901 (Russian with short French extract, portr., n.v.).

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Walravens, H., Emil Bretschneider - russischer Gesandtschaftsarzt, Geograph und Erforscher der chinesischen Botanik, 1983, vi and 42 p. (bibl.).

22.850. Notes on some *botanical questions connected with the export trade of China ...* [Peking ... 1881?]. Oct.

Publ.: early 1881 (mss. dated at Peking 7 Dec 1880), p. [i], [1]-14. *Copy*: G. - No identification of publ., should be North China Herald, Jan 1881.

22.851. *Early European researches into the flora of China ...* Shanghai, London (Trübner & Co.) 1881. Oct. (n.v.).

Publ.: 1881 (Nat. Nov. Nov (2) 1881, J. Bot. Dec 1881, Bot. Zeit. 30 Dec 1881), p. [1]-194.

- Reprinted from J. N. China Branch Roy. Asiat. Soc. 1880 (n.v.).

Ref.: Britten, J., J. Bot. 20: 248-251. Aug 1882 (rev.).

Döderlein, Bot. Centralbl. 11(38): 410-411. 1882 (rev.).

H.S., Bot. Zeit. 40(9): 158-159. 1882 (rev.).

N.L., Bot. Zeit. 39: 866. 30 Dec 1881.

Anon., Bot. Jahrb. 3(Lit.): 252. 1882 (rev.); Bull. Soc. bot. France 29(Bibl.): 18-19. 1882.

Bretzl, Hugo (1878-x), German botanist and philologist, born at Diedolshausen, Kreis Rappoltsweiler, educated at the Lyceum of Strassburg 1890-1897, studied classical philology and botany with Ed. Schwartz and Solms-Laubach, collected in Algeria and Southern France Mar-Apr 1900, Dr. phil. Strassburg 1902. (*H. Bretzl*).

HERBARIUM and TYPES: B(3500), further material HH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 248 (b. 25 Dec 1878, Diedolshausen); BL 2: 19; Kew 1: 356; Moebius p. 7.

22.852. *Botanische Forschungen des Alexanderzuges.* Nach Theophrasts Auszügen aus den griechischen Generalstabsberichten. Inaugural-Dissertation zur Erlangung der Doktorwürde der Philosophischen Fakultät der Kaiser-Wilhelms-Universität zu Strassburg ... Strassburg (Druck von H. Dumont-Schauberg) 1902. Oct. (*Bot. Forsch. Alexanderzug.*).

Thesis issue: 1902 (Bot. Zeit. 1 Jun 1902, Nat. Nov. Sep (1,2) 1902), cover-t.p., p. [i-iii], [1]-40, [41, vita]. *Copies:* B, L, NSUB/GOET. – Abstract.

Commercial issue: 1903 (p. viii: Sep 1902, Nat. Nov. Feb (1) 1903), p. [i]-xii, [1]-412. *Copy:* U. – Leipzig (Verlag von B.G. Teubner).

Ref.: Ascherson, P., Bot. Zeit. 61(II): 163-168. 1 Jun 1903 (rev.):

Bretzl, H., Bot. Jahrb. 32(Lit.): 7-8. 24 Apr 1903 ("autoreferat").

***Brewer, James Alexander** (1818-1886), British botanist, living in Reigate, Surrey, collected some time in Australia, ultimately at Tonbridge, Kent. (*Brewer*).

HERBARIUM and TYPES: British material at RTE, further material at MANCH, NMW, OXF, WAR (and see Kent and Allen 1984). – Western Australian material at BM(354), K, MANCH. – Manuscripts at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 248; BB p. 44, 339; BL 2: 268, 634; BM 1: 233; Clokie p. 138; CSP 7: 255; Desmond p. 87 (b. 25 Feb 1818, Reigate, Surrey, d. Jan 1886, Tonbridge, Kent); IH 2: 96; Jackson p. 258, 260, 526; Kew 1: 357; PR 1134-1135; Rehder 1: 400, 401; TL-2/1: 321 and see indexes; Tucker 1: 110.

BIOFILE: Anon., Bull. Soc. bot. France 3: 256. 1856 (rev. *New fl. Reigate*).

Baker, J., J. Bot. 1: 310-315. Oct 1863 (detailed rev. of *Fl. Surrey*).

Boulger, G.S., in C.E. Salmon, Fl. Surrey: 52. 1931 ("... afterwards went to South Africa and Australia to collect ... for Wilson Saunders ...").

Kent, D.H., Brit. herb. 45. 1957.

Kent, D.H. and D.E. Allen, Brit. Irish herb. 101. 1984 (details on location of herbarium material).

Schlechtendal, D.F.L. von, Bot. Zeit. 15(31): 536. 31 Jul 1857 (brief rev.).

Brez, Jacques (1771-1798), Dutch clergyman and botanist, born at Middelburg, sometime at Utrecht, died at Middelburg. (*Brez*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 197; Barnhart 1: 249 (b. 1771, Middelburg, d. 26 Jul 1798, Middelburg); BM 1: 234; Jackson p. 197; LS 3909; PR 1142, ed. 1: 1268.

22.853. *La flore des insectophiles précédée d'un discours sur l'utilité des insectes et de l'étude de l'insectologie* ... Utrecht (Chez B. Wild et J. Altheer) 1791. Oct. (*Fl. insectoph.*).

Publ.: 1791, p. [i]-xxvi, [1]-324. *Copies:* BM, L, MO.

***Briard, Pierre-Alfred** (1811-1896), French soldier, turned to botany in his retirement dedicating himself to the study of the flora and cryptogames of the dépt. Aube. (*Briard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 249; BL 2: 122-123; BM 1: 234; De Toni 4: ix; Kew 1: 358; Rehder 1: 416; Stevenson p. 1237; TL-2/1: 323; Tucker 1: 110.

BIOFILE: Anon., Bull. Soc. mycol. France 23. 1907 (frontispiece portr.).

Briard, P.-A., Supplément au Catalogue et à la florule cryptogamique de l'Aube (Bull. Soc. bot. France 11 Mar 1892; supplément not seen by us).

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Hariot, P., Bull. Soc. bot. France 35(Bibl.): 176-177. 1888 (rev. of *Fl. crypt. Aube*).
 Malinvaud, Ern., Bull. Soc. bot. France 42(Bibl.): 528. 1895 (rev. of Briard, *Cat. Herb. Musée de la ville de Troyes*, 122 p. 1895).
 Mottey, Général Yves, Bull. Soc. mycol. France 100(1): vii. 1984 (brief life-sketch).

Brick, Carl (1863-1924), German (born Stolp in Preussen) botanist (phytopathologist), educated at the Gymnasium of Stolp, the "Realschule I. Ordnung" and the "Realgymnasium zu St. Johann" in Danzig, final examination 1882, studied natural sciences at the University of Breslau 1882-1886, on military duty in Berlin 1886-1887, studied e.g. with F. and H. Cohn, Engler and Göppert, Dr. phil. Breslau 1888, assistant at the Botanical Museum in Hamburg 1887-1888, first assistant at the Botanical Institute in Karlsruhe 1888, later again in Hamburg, ultimately as scientific member of the Institute for applied botany, died on a field trip with the "Gartenbauverein". (*Brick*).

HERBARIUM and TYPES: HBG. – Continued exsiccata by Otto Jaap, *Fungi selecti exsiccati* ser. 35-39, nos. 851-958 (see Otto Jaap).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 249 (b. 10 Feb 1863, Stolp, Pommern, Preussen); BJI 2: 19; Christiansen p. 73, 75, 91, 181, 183, 254, 255, 262; IH 2: 96; LS 3921-3928, 31.531-31.542; LS suppl. 3673-3683; Rehder 5(index): 120; Stevenson p. 1237; Tucker 1: 110-111.

BIOFILE: Anon., *Hedwigia* 65(3) (Beibl.): (195). 1925 (d. 18 Aug 1924).
 Christiansen, W. and W., *Bot. Schrifttum Schlesw.-Holst.* 312 [index]. 1936.
 Schmid, B. and C. Thesing, *Biologen-Kalender* 1: 175. 1914 (b. 10 Feb 1863, Stolp; list of publ.).
 Stieber, M.T. et al., *Huntia* 4(1): 64. 1981 (letters to F.V. Coville at HU).
 Weidner, H., *Abh. Verh. naturw. Ver. Hamburg suppl.* 9: 304-306. 1967.

22.854. *Beiträge zur Biologie und vergleichenden Anatomie der baltischen Strandpflanzen.* Inaugural-Dissertation welche nebst beigefügten Thesen mit Genehmigung der hohen philosophischen Fakultät der Universität Breslau behufs Erlangung der Doctorwürde Mittwoch, den 29 Februar 1888, Vormittags 11 Uhr, ... Danzig (Druck von A.W. Kafemann) 1888. Oct. (*Beitr. Biol. balt. Strandpfl.*).

Publ.: 29 Feb 1888 (date of defense thesis), p. [1]-53, *pl.* 2. *Copies*: B, G, NSUB/GOET. – Reprinted from *Schr. naturf. Ges. Danzig* 7(1): 108-156. 1888.

Note: Thesis no. 2 on p. 53: "Die Characeen bilden das unterste Glied der Bryophyten".

22.855. *Über Nectria cinnabarina (Tode) Fr. ...* Hamburg (Gedruckt bei Lütcke & Wulff, E.H. Senats Buchdruckern) 1893. Oct.

Publ.: 1893, cover-t.p., p. [1]-14. *Copy*: L. – Reprinted and to be cited from *Jahrb. Hamb. Wiss. Anst.* 10(2): 111-124. 1893. – "(Arbeiten des Botanischen Museums [Hamburg] 1892)".

22.856. *Beitrag zur Pilzflora des Sachsenwaldes ...* Separat-Abdruck aus den Verhandlungen des Naturwissenschaftlichen Vereins in Hamburg ... 1897 [i.e. 1898]. Oct.

Publ.: 1897-1898 (in journal, *Verhandlungen für 1897*, *Nat. Nov. Jul* (1) 1899 sic), p. [1]-40. *Copies*: B, L. – Reprinted and to be cited from *Verh. naturw. Ver. Hamburg* 5: 18-57. 1898.

22.857. *Das amerikanische Obst und seine Parasiten ...* Hamburg (Commissions-Verlag von Lucas Gräfe & Sillem) 1899. Oct.

Publ.: 1899 (p. 34 dated Jun 1899), cover-t.p., p. [1]-34. *Copies*: B, L. – Reprinted and to be cited from *Jahrb. Hamb. Wiss. Anst.* 16 (Beiheft 3): 63-97. 1899. – "Gedruckt bei Lütcke & Wulff, E.H. Senats Buchdruckern".

Ergänzungen: 1900, cover-t.p., p. [1]-19. *Copies*: B, L. – Id. 17 (Beiheft 3): 217-235. 1900. – "Ergänzungen zu meiner Abhandlung über 'das amerikanische Obst und seine Parasiten'". – "Gedruckt bei Lütcke & Wulff, E.H. Senats Buchdruckern".

***Bridel(-Brideri), Samuel-Elisée de** (1761-1828), Swiss bryologist, born Crassier, Vaud, Switzerland, studied at the University of Lausanne, called to Gotha as teacher of the princes August and Friedrich von Sachsen-Gotha, subsequently private secretary and librarian to the prince-hereditary, visited Paris and Rome, ultimately "Geheimer Legationsrath", received letters of nobility ("de Bridel"), after his marriage added his wife's name Brideri. (*Brid.*)

HERBARIUM and TYPES: B (1200; see TL-2/1: 324); phanerogamic herbarium at H (7000, rd. 1829), an other Bridel herbarium was given to LAU in 1854 (Wilczek 1937); further material at GOET (Fungi, alg.), FI, L, LZ.

NOTES: (1) For a detailed treatment see MD p. 60-67.

(2) Published in Paris a collection of poems: "Délassements poétiques".

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 328 (A. Engler); AG 12(2): 335; Barnhart 1: 250 (b. 28 Nov 1761, Crassier nr. Nyon, d. 7 Jan 1828, Gotha); BM 1: 235; CSP 1: 624; DTS 1: 34-35; Frank 3(Anh.): 14; Hegi 6(2): 1272; IH 2: 96; Jackson p. 153; Kew 1: 358; Lasègue p. 320, 334, 545; MD p. 60-67, 239 (extensive treatment); Moebius p. 117, 121; NAF ser. 2. 9: 121; PR 1143-1145, ed. 1: 1270-1272; SBC p. 116; TL-1: 50-51; TL-2/1: 324-325 and see indexes; Urban-Berl. p. 295.

BIOFILE: Anon., Flora 11(1): 335-336. 1828, 12(Beil. 1): 15-16. 1829 (list of herbaria and books to be sold in Gotha 5 Feb 1829); Nouv. biogr. anc. mod. nouv. ed. 3: 144. 1843-1847; Nouv. biogr. univ. 7: 382-383. 1863.

Balmer, H., Gesnerus 37: 133-138. 1980.

Barnhart, J.H., Mem. Torrey bot. Club 16: 291. 1921.

Bridel-Brideri, S.E., Notice sur la naissance et les progrès des sciences dans le Canton de Vaud, Feuille Canton Vaud 9(109): 1-22 (n.v., fide Johnson, *Huntia* 6(1): 21. 1985).

Briquet, J., Ber. Schweiz. bot. Ges. 50a: 69-71. 1940 (important account of life, sources, dedications, publications).

Candolle, A.P. de, Mém. souv. 142, 411. 1862.

Collander, R., Hist. bot. Finland 102. 1965.

Ewan, J. et al., Short hist. bot. U.S. 90. 1969.

Forbes, R.J., ed., *Martinus van Marum* 2: 302, 362-363, 374. 1970.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 494. 1878.

Hiepkö, P., *Willdenowia* 8(2): 392. 1978 (herb. B. at B (special collection)).

Hornschuch, C.F., Flora 12(2): 559-560. 1829 (on 1200 species of herbarium B.).

Jessen, K.F.W., Bot. Gegenw. Vorz. 376. 1864.

Johnson, D.E., *Huntia* 6(1): 21 (no. 40). 1985.

Magnin, A., Bull. Soc. bot. Lyon 31: 50, 116. 1906 (mosses from Lyon and le Dauphiné).

Röll, J., Mitt. Thür. bot. Ver. 32: 1-4. 1915.

Rogers, A.D., William Starling Sullivant 135, 149, 164, 178, 234. 1940.

Rose, H.J., A new gen. biogr. dict. 5: 53. 1857.

Rothmaler, W., Mitt. Thür. bot. Ver. 41: 46-47. 1933.

Sayre, G., Taxon 6: 10-12. 1957; Dates publ. *Descr. Musci* 1801-1821. 8, 15, 27, 42, 53-54, 60. 1959.

Wagenitz, G., Index coll. princ. herb. Gotting. 31-32. 1982.

Wilczek, E., Bull. Soc. Vaud. Sci. nat. 60: 12. 1937 ("Doyen Bridel" gave a B. herbarium to LAU).

Brieger, Friedrich Gustav (1900-x), German geneticist, born at Breslau, studied at the Bussey Institution at Harvard University, later at the Kaiser-Wilhelm-Institut für Biologie in Berlin-Dahlem. (*Brieger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 250 (b. 11 Oct 1900, Breslau); Kew 1: 358-359.

22.858. *Über genetische Pseudofertilität bei der selbststerilen Nicotiana Sanderae hort. ...* [Sonderabdruck aus dem "Biologischen Zentralblatt" ...] 1927. Oct.

Publ.: Feb 1927 (in journal), p. [i, recto of 122], p. 122-128. *Copy:* L. – Reprinted and to be cited from *Biol. Zentralbl.* 47(2): 122-128. 1927. – Printed at Erlangen, Junge & Sohn Univ.-Buchdruckerei.

Note (1): Research started at the Bussey Institution, Harvard University and continued at the Kaiser-Wilhelm-Institut für Biologie, Berlin-Dahlem.

Note (2): See also F. Brieger and A.J. Mangelsdorf, Linkage between a flower color factor and self-sterility factors, *Proc. Natl. Acad. Sci.* 12: 248-255. 1926.

22.859. *Über die Vermehrung der Chromosomenzahl bei dem Bastard Nicotiana tabacum L. × Rusbyi Britt. ...* Sonderabdruck aus der Zeitschrift für induktive Abstammungs- und Vererbungslehre ... Berlin (Verlag von Gebrüder Borntraeger ...) 1928. Oct.

Publ.: 1928 (mss. presented 1 Jun 1927), cover-t.p., p. [1]-53, chart. *Copy:* L. – Reprinted and to be cited from *Z. indukt. Abstamm.- Vererb.-Lehre* 47(1): 1-53. 1928.

22.860. *Über Artkreuzungen in der Gattung Nicotiana.* Sonderabdruck aus den Verhandlungen des V. Internationalen Kongresses für Vererbungswissenschaft Berlin ... Leipzig (Verlag von Gebrüder Borntraeger 1928). Oct.

Publ.: 1928, cover-t.p., p. [485]-495. *Copy:* L. – Reprinted and to be cited from *Verhandl. des V. Internat. Kongr. für Vererbungswissenschaft Berlin 1927, Suppl. I, Z. indukt. Abstamm. Vererb.-Lehre* 1928: 485-495.

Note (1): Research started at the Bussey Institution, Harvard University and continued at the Kaiser-Wilhelm-Institut für Biologie, Berlin-Dahlem.

22.861. *Histologisch-morphologische Untersuchungen an sterilen Artbastarden ...* Berlin (Verlagsbuchhandlung Julius Springer ...) 1928. Oct.

Publ.: 1928 (text finished 22 Aug 1928), cover-t.p., p. [317]-362. *Copy:* L. – Reprinted and to be cited from *Planta* 6(2): 317-362. 1928.

22.862. *Selbststerilität und Kreuzungssterilität im Pflanzenreich und Tierreich ...* Berlin (J. Springer) 1930. Oct. (*Selbster. Kreuzungsster.*).

Publ.: 1930, p. [i]-xi, [1]-395. *Copy:* MO. – Monogr. Gesamtgeb. *Physiol. Pfl. Tiere* vol. 21.

Brierley, William Broadhurst (1889-1963), British agricultural botanist, school teacher Manchester 1907-1909, studied at the University of Manchester, B. Sc. 1911, M. Sc. 1912, D. Sc. 1920, lecturer economic botany 1911-1914, assistant at Kew, pathologic laboratory 1914-1918, Rothamsted Experiment Station head department plant pathology 1918-1932, professor of agricultural botany at the University of Reading 1932-1954. (*Brierley*).

HERBARIUM and TYPES: TRT.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 232, 327; Barnhart 1: 250 (b. 19 Feb 1889); Desmond p. 88 (b. 19 Feb 1889, Manchester, d. Keswick, Cumberland, 20 Feb 1963); IH 2: 96; Kew 1: 359; LS suppl. 3686-3702.

BIOFILE: Anon., *Gard. Chron.* ser. 3. 77: 104. 1925 (portr.); Who was who 1961-1970: 134. 1972; *The Times* 1 Mar 1963.

Brierley, W.B., on *Chronica Botanica* post card, now in files TL-2 7 Jul 1939 (data).

Gager, C.S., *Brooklyn Bot. Gard. Rec.* 27(3): 252. 1938 (director Agric. bot. Garden, Reading Univ. from 1932).

Hunt Institution, *Dict. bot. portr. coll.* 52. 1972 (b. 19 Feb 1889, Manchester, d. Feb 1963, Keswick).

22.863. *The structure and life-history of Leptosphaeria Lemanae (Cohn).* Manchester (Memoirs and Proceedings of the Manchester Literary and Philosophical Society ...) 1913.

Oct. (*Struct. Leptosph. Leman.*).

Publ.: 30 Jun 1913 (date on cover-t.p.), cover-t.p., p. [1]-24, *pl. 1-2* (uncol. liths.). *Copy*: L. – Issued as Mem. Proc. Manchester Lit. Philos. Soc. 57(8), 1913.

22.864. *Spore germination in Onygena equina*, Willd. ... *Annals of Botany* ... 1917. Oct.

Publ.: Jan 1917 (date on cover-t.p.), cover-t.p., p. [127]-132. *Copy*: L. – Reprinted and to be cited from *Ann. Bot.* 31(121): 127-132. 1917.

22.865. *Some concepts in mycology* – an attempt at synthesis ... Cambridge (At the University Press). 1919. Oct.

Publ.: 19 Sep 1919 (date on cover-t.p.), cover-t.p., p. [204]-235. *Copy*: L. – Reprinted and to be cited from *Trans. Brit. mycol. Soc.* 6(2): 204-235. 1919.

22.866. On a form of *Botrytis cinerea*, with colourless sclerotia ... [*Philosophical Transactions of the Royal Society of London* ...] 1920. Qu.

Publ.: 22 Jul 1920 (date on p. 83, read 18 Mar 1920, *Nat. Nov. Oct* (1,2) 1920), cover-t.p., p. 83-114, *pl. 5* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from *Phil. Trans. Roy. Soc. London ser. B.* 210: 83-114, *pl. 5*. 1920.

22.867. *The quantitative study of soil fungi* ... *Proceedings and Papers of soil science* ... Concord N.H. (printed in the United States of America by Rumford Press) 1927. Oct.

Co-authors: S.T. Jewson and M. Brierley.

Publ.: 1927 (read at Congress 13-22 Jun 1927), cover-t.p., p. [1]-24. *Copy*: L. – Reprinted and to be cited from *Proc. Pap. First Intern. Congr. Soil Science* 3: 24-48. 1927.

Briganti, Francesco (1802-1865), Italian botanist, born 18 Apr 1802, Naples, as son of Vincenzo Briganti (see TL-2/1: 325-326), continued the works of his father as professor at the University of Naples, died 21 Dec 1865, Naples. (*F. Brig.*).

HERBARIUM and TYPES: NAP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 250 (b. 18 Apr 1802, Napoli, d. 21 Dec 1865, ib.); BM 1: 235; CSP 1: 625; GR p. 528; IH 2: 97; LS 3934-3943; Rehder 5(index): 120; Saccardo 1: 30(38?), 2: 24; Tucker 1: 111.

BIOFILE: Balsamo, F., *Bull. Orto bot Napoli* 3: 50-51. 1913.

Ciferri, R., *Taxon* 1(8): 126. Nov 1952.

Hunt Inst., *Biogr. dict. bot. portr. coll.* 52. 1972.

22.868. *Descrizione di una nuova specie di Schizonia* (Pers.), con alcune riflessioni sulla riforma de' caratteri essenziale di questo genere ... Napoli (Dalla tipografia di Francesco Fernandes) 1835. Qu. (*Schizonia*).

Publ.: 1835, p. [1]-13, *1 pl.* (uncol. copper engr.). *Copy*: NY. – Preprinted from *Atti R. Ist. incoragg. Napoli* 6: 53-64, *1 pl.* 1840 [sic].

22.869. *Descrizione di due nuove specie di Funghi della famiglia de' porodermei con un cenno storico sul genere Poliporo* ... Napoli (Da' Torchi del Tramater) 1838. Qu. (*Poliporo*).

Publ.: 1838, p. [1]-16, *1 pl.* (uncol. copper engr.). *Copy*: NY. – Preprinted from *Atti R. Ist. incoragg. Napoli* 6: 137-152, *1 pl.* 1840 [sic].

22.870. *Descrizione di un nuovo fungo del genere delle Dedalee e del suo uso medico-economico, letta nel reale Istituto d'incoraggiamento alle scienze naturali il di 18 Augusto 1842* ... Napoli (Dalla tipografia del ministero di Stato ...) 1842. Qu. (*Dedalee*).

Publ.: 1842, p. [1]-10, *1 pl.* (uncol. copper engr.). *Copy*: NY. – Preprinted from *Atti R. Ist. incoragg. Napoli* 7: 97-104, *1 pl.* 1847 [sic].

22.871. *Piante tintorie* del regno di Napoli distribuite in tavole sinottiche ... Napoli ... 1842. Qu. (*Piante tint. Napoli*).

Publ.: 1842, p. [i]-xvi, [1*-2*], [1]-73. Copies: BM, HH.

***Briggs, Thomas Richard Archer** (1838-1891), British botanist, born at Fursdon (nr. Plymouth), from 1844/1845 his family moved to Plymouth where he lived for the rest of his life, of independent means, dedicated himself to the botany of the area of Plymouth, ultimately moving again to Fursdon. (*Briggs*).

HERBARIUM and TYPES: K (incl. *Rubus*), further material in AK, BM (1602), GL, MANCH, NMW, NOT, OXF, PLY (destroyed), WAR.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(4): 33; Barnhart 1: 251; BB p. 45; BL 2: 235; BM 1: 235; Bossert p. 53; Clokie p. 138; CSP 1: 626, 7: 259-260, 9: 349; Desmond p. 88 (b. 7 Mai 1838, d. 23 Jan 1891); IH 2: 96; Jackson p. 258; Kew 1: 360; Morren ed. 10, p. 76; Rehder 5(index): 120; TL-2/1: 326 and see indexes.

BIOFILE: Britten, J., *J. Bot.* 18: 281-285. Sep 1880.

Davey, F.H., *Fl. Cornwall* li. 1909 (portr.).

Kent, D.H., *Brit. herbaria* 45. 1957.

Kent, D.H. and D.E. Allen, *Brit. Irish herbaria* 101. 1984.

Martin, W.K. and G.T. Fraser, *Fl. Devon* 774. 1939.

Moyle Rogers, W., *J. Bot.* 29: 97-106. 1891 (main biogr., portr.).

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***Brignoli di Brunnhoff, Giovanni de** (1774-1857), Italian botanist, born in Gradisca (Friuli-Venecia Giulia), professor of botany and agriculture at the Convict-Collegium at Urbino 1808, id. at the University of Modena 1817-1855. (*Brign.*).

HERBARIUM and TYPES: BASSA, further material in FI, MOD, PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 432 (sub De Brignoli); BM 1: 236; Bossert p. 97; CSP 1: 627, 6: 606, 7: 260; DTS 1: 356; IH 2: 97; Jackson p. 434; Kew 2: 39; Langman p. 159; Lasègue p. 340, 342; LS 3948; PR 1150-1153, ed. 1: 1279-1282; Rehder 5(index): 120; Saccardo 1: 38, 178-179, 2: 24, cron. p. xvii; TL-2/1: 326; Tucker 1: 111.

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Note: Antonio Bertoloni (1775-1869), see TL-2/1: 202-206 and suppl. 2: 126-127.
Publ.: 1847 (p. 269 signed 20 Oct 1847), Nuovi annali delle Scienze naturali e rendiconto delle sessione ... Bologna ser. 2. 8: 290-296. 1847.

Brill, Otto (1885-x), German forester, born 23 Mai 1885 in Ebersgöns (Kreis Wetzlar) at the four-year Volksschule at Ebersgöns 1895-1901, at the Grossherzogliche Realschule zu Butzbach (Hessen) 1901-1903, in 1903 at the University Marburg, 1905 Sommer-Semester at Bonn, 1905-1906 again in Marburg, Dr. 1908. (*O. Brill*).

HERBARIUM and TYPES: Unknown.

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Brinkman, Alfred Henry (1873-1945), English born bryologist, on Lighthouse service, England 1895-1908, emigrated to Canada 1908, settled at Craigmyle, Alberta, surveyor and topographer in Rocky Mountain forests. (*Brinkm.*).

HERBARIUM and TYPES: HH (6000 nos.?), further material at ALTA, B, BM, CAFB, CGE, CV, DBN, E, K, MICH, MT, MTJB, NY, OXF, PAE, PH, QFA, UAC, US, V, W, WTU. – Issued also *Canadian mosses* exsicc., set of nos. 1-154 at HH.

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Brinkmann, Wilhelm (1861-1917), German (Westphalia, Lengerich) botanist (mycologist), educated at the teacher's seminar at Soest 1879-1882, teacher at Ladbergen 1882, idem at Lengerich 1882-1916, specialized on the Westphalian Hymenomycetes. (*Brinkmann*).

HERBARIUM and TYPES: Issued *Westfälische Pilze in getrockneten Exemplaren*, 200 taxa of Thelephorae, Hydnaceae and Polyporaceae, 1900-1908, nos. 1-200, Lengerich (see also "Autoreferat" by Brinkmann, *Bot. Centralbl.* 105(43): 434-435. 20 Oct 1907, nos. 1-150).

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***Briosi, Giovanni** (1846-1919), Italian botanist, born at Ferrara, originally trained as an engineer, later dedicating himself to botany, private lecturer at the University of Rome 1879, also director of the Agricultural Station in Rome, 1883 professor of botany at the University of Pavia and director of the Pavia Botanical Garden. (*Briosi*).

HERBARIUM and TYPES: PAV. – Further material in BM, BPI, BUC, CGE, G, GE, HAL, HH, ISC, K, LE, M, MICH, MSC, NHES, NY, OSC, PAD (impt. set, via Saccardo), PC, PRE, S, TLA, TO, UC. – *Exsiccatae: I funghi parassiti delle piante coltivate et utili essiccati delineati e descritti fasc. i-xix, nos. 1-475, 1888-1926*. Sets in herbaria mentioned above. Issued with

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Co-author: Rodolfo Farneti (1859-1919).

Publ.: 1902 (mss. signed on p. 16: Mai 1902; Bull. Soc. bot. France rd. by 26 Dec 1902), p. [1]-17, pl. 5, 6. *Copy*: L. – Preprinted from Atti Ist. bot. Univ. Pavia ser. 2. 8: 103-119, pl. 5-6. 1904.

***Briquet, John Isaac** (1870-1931), Swiss botanist, born at Genève, educated ib., with stages in Scotland 1880-1882 and Heidelberg 1882-1884, at the classical gymnasium in Genève 1884-1888, studied at the University of Genève with M. Thury, J. Müller-Argoviensis and

Alphonse de Candolle 1888-1889, "baccalauréat ès sciences physiques et naturelles" 1889, in Berlin with Engler and Schwendener 1889-1890, adjunct curator at the Herbarium Delessert 1890-1896, Dr. phil. Genève 1891, curator of the Herbarium Delessert and director of the Genève Botanical Garden 1896-1931, rapporteur-général for botanical nomenclature 1900-1931, travelled and collected widely in S. Europe and the Mediterranean area. (*Briq.*).

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3: Sep 1893, p. [i], [409]-587.

Copies: G, U. – Wilczek no. 31.

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Publ.: shortly after 29 Jun 1891 (date on p. 3, approved by doyen; Nat. Nov. Dec (1) 1892, sic), cover-t.p., p. [1]-30. *Copies*: G(2). – Wilczek no. 7.

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Publ.: Mar 1892 (date on one of the reprints in G), p. [1]-6. *Copies*: G(2), NY. – Reprinted and to be cited from Bot. Centralbl. 49(4/5): 106-111. 1892. – Wilczek no. 8.

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Note: See also *Notes floristiques* ... 1889, above.

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Collectors: Eduard Martin Reineck (1869-1931) and Josef Czermak (see IH 2: 149).
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Publ.: 12, 19 & 26 Jun 1899 (in journal), cover-t.p., p. [1]-24. *Copy*: G. – Reprinted from Journal de Genève 12, 19 and 26 Jun 1899 (journal issue n.v.). – Not in Wilczek.

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Publ.: Jul and Dec 1899 (in journal), p. [1]-2, [1]-11. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier 7(7): 560-561. Jul (“Une graminée à rayer de la flore française”). – Wilczek no. 106; 7(12): 959-969. Dec 1899 (“Nouvelle note sur l'Agrostis rubra des auteurs savoisiens et sur le Calamagrostis tenella”). – Wilczek no. 107. (Two articles combined in reprint with a new title).

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Collector: Ernst Wilczek (1867-1948), see TL-2/7: 289-290, IH 2: 1156 (orig. coll. in LAU).
Publ.: 15 Nov 1899 (date on p. [1]), cover-t.p., p. [1]-9. *Copies*: B, G. – Reprinted from Annu. Cons. Jard. bot. Genève 4: 14-20. 1900. – Wilczek no. 109.

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Publ.: 1900, cover-t.p., p. [1]-88, 3 pl., map. *Copy*: G. – Reprinted and to be cited from Bull. Murith. 17-18: 125-212, 3 pl., map. 1900. – Wilczek no. 114.

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Copy: L. – Wilczek no. 139.

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Publ.: Aug-Dec 1900 (preface dated 15 Jun 1900), cover-t.p., p. [1]-24. *Copy*: G. – “Cette brochure, uniquement destinée à une circulation restreinte dans le public botanique et universitaire n'a pas été mise en librairie”. [126 nos., sic]. – Not in Wilczek.

22.928. *Une orchidée nouvelle* du Jardin botanique de Genève ... Genève (Imprimerie Romet, ...) 1900. Oct.

Publ.: 20 Sep 1900 (see p. 212), cover-t.p., p. [209]-212, *pl. 1* (uncol.). *Copy*: B. – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 4: 209-212, *pl. 1*. 1900. – On *Eria Prainii* dedicated to Sir David Prain (1857-1944), see TL-2/4: 376-379. – Wilczek no. 118.

22.929. *Espèces nouvelles* ou peu connus de l'Herbier Delessert ... Genève (Imprimerie Romet, ...) 1900. Oct.

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Publ.: Jun 1901 (date on cover-t.p., *Nat. Nov. Mar* (2) 1902), cover-t.p., p. [1]-12, *pl. 1-3* (uncol.). *Copy*: G. – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 5: 108-119, *pl. 1-3*. 1901. – Wilczek no. 122.

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Publ.: 1 Dec 1902 (date on p. [1]), p. [1]-83. *Copy*: G. – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 6: 60-142. 1902. – Wilczek no. 132.

22.934. Description de quelques espèces nouvelles ou peu connues du genre *Brittonastrum* ... Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève ... 1902. Oct.

Publ.: 31 Dec 1902 (date on p. [1]), p. [1]-6. *Copy*: G. – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 6: 157-162. 1902. – Wilczek no. 134.

Note: *Brittonastrum* is an eponym for N.L. Britton (see TL-2/1: 332-350, ING 1: 238 and in this supplement, below).

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Publ.: Feb-Mar 1903 (in journal, see below), cover-t.p., p. [1]-40. *Copy*: U. – Reprinted and

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- 22.936.** *Labiatae et Verbenaceae austro-americanae* ex itinere Regnelliano primo ... Stockholm (P.A. Norstedt & Söner) 1904. Oct. (*Lab. Verb. austr.-amer.*).
Publ.: soon after 20 Jun 1904 (date of printing on p. 27, before Aug; Nat. Nov. Sep (1-2) 1904), cover-t.p., p. [1]-27, *pl. 1-4* (uncol. liths. of drawings by A. Ekblom). *Copy*: U. – Issued as Ark. Bot. 2(10), 1904. – Wilczek no. 153.
- 22.937.** *Résumé du travail du Rapporteur général* et de la Commission internationale de nomenclature botanique. Décembre 1900 jusqu'à Mars 1905 ... Congrès international de botanique Vienne (Autriche) 1905. Oct. (*Résumé trav. Rapp. génér.*).
Publ.: Apr 1905 (p. 2 text dated 21 Mar 1905), p. [1]-2. *Copy*: B. – Independent pamphlet. – Not in Wilczek.
- 22.938.** *Spicilegium corsicum* ou catalogue des plantes récoltées en Corse du 19 mai au 16 juin 1904, ... Genève (Imprimerie Romet, ...) 1905. Oct.
Publ.: 31 Dec 1905 (date on cover-t.p.), cover-t.p., p. [1]-78. *Copies*: B, G. – Reprinted and to be cited from Annu. Cons. Jard. bot. Genève 9: 106-183. 1905. – Wilczek no. 165.
- 22.939.** *L'inauguration du Conservatoire* et du Jardin botaniques de Genève à la Console, le 26 Septembre 1904 ... Genève (Imprimerie Romet, ...) 1905. Oct.
Publ.: 31 Dec 1905 (date on cover-t.p.), cover-t.p., p. [189]-243, *pl. 2-6* (uncol. phot.). *Copy*: G. – Reprinted and to be cited from Annu. Cons. Jard. bot. Genève 9: 189-243, *pl. 2-6*. 1905. – Wilczek no. 167.
- 22.940.** *Le développement des flores dans les Alpes occidentales* avec aperçu sur les Alpes en général ... Jena (Gustav Fischer) 1906. Qu.
Publ.: 1906, cover-t.p., [t.p. on recto of p. 130], p. [130]-173. *Copy*: G. – Reprinted and to be cited from Résult. Sci. Congrès Intern. Bot. Vienne 1905: 130-173. 1906. – Wilczek no. 169.
- 22.941.** *Congrès international de botanique Vienne* (Autriche) 1905 ... Genève 1906. Qu. (*Congr. int. bot. Vienne*).
Publ.: Jan-Feb 1906 (p. 2 text dated 14 Jan 1906). *Copy*: B. – Tribute to Briquet by the officers of the Nomenclature section, Congr. Vienne 1905. – Wilczek no. 168.
- 22.942.** *Labiatae* ... Extrait du Bulletin de l'herbier Boissier ... 1906. Oct.
Publ.: 30 Sep 1906 (in journal), p. [824]-827. *Copy*: L. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 6(10): 824-827. 1906 (in Schinz, Beitr. Kenntn. Afrik. Fl. 19). – Wilczek 178.
- 22.943.** *Révision des Graminées de l'herbier d'Albr. de Haller filius* ... Genève (Imprimerie Romet, ...) 1907. Oct.
Senior author: Eduard Hackel (1850-1926), see TL-2/2: 2-3.
Publ.: 15 Feb 1907 (date on cover-t.p.), cover-t.p., p. [1]-26. *Copies*: B, G, L. – Reprinted and to be cited from Annu. Cons. Jard. bot. Genève 10: 73-98. 1907. – Wilczek no. 181.
- 22.944.** *Les réimmigrations postglaciaires des flores en Suisse* ... Fribourg (Imprimerie Fragnière frères) 1908. Oct.
Publ.: 1908 (Nat. Nov. Mar (1) 1909), cover-t.p., p. [112]-133, *pl. 3-7*. *Copy*: G. – Reprinted and to be cited from Act. Soc. Helv. Sci. nat. 90. Sess. 1: 112-133, *pl. 3-7*. 1908. – Wilczek no. 187.
- 22.945.** *La déhiscence des calices capsulaires chez les Cappariidacées* ... Genève (Société générale d'imprimerie, ...) 1913. Oct.

- Publ.*: Dec 1913 (on p. [i]), cover-t.p., p. [i, identif.], [1]-15. *Copy*: B. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 4. 36: 534-548. 1913. – Wilczek no. 204.
- 22.946.** *Thorella*. Ombellifère monotype du sud-ouest de la France. Étude monographique comprenant des recherches nouvelles sur les phyllomes septés des Ombellifères ... Genève (Imprimerie Reggiani & Renaud, ...) 1914. Oct.
Publ.: 1 Feb 1914 (date on cover-t.p.), cover-t.p., errata slip, p. [1]-43. *Copies*: B, G. – Reprinted and to be cited from Annu. Cons. Jard. bot. Genève 17: 235-277. 1914. – Wilczek no. 206.
- 22.947.** *Sur l'organisation et les affinités des Capparidacées à fruits vésiculeux* ... Leipzig und Berlin (Verlag von Wilhelm Engelmann) 1914. Oct.
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- 22.954.** *Les nacelles paléales l'organisation de la fleur et du fruit le Filago gallica* L. ... Extrait des Archives des Sciences physiques et naturelles ... 1917. Oct.
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- 22.955.** *Nouvelles remarques sur la dissymétrie foliaire hétérogène chez les Ombellifères* ... Extrait des Archives des sciences physiques et naturelles ... 1917. Oct.
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- 22.956.** *Sur la morphologie et la biologie du genre *Micropsis* DC. ...* Extrait du Compte Rendu des Séances de la Société de physique et d'histoire naturelle de Genève ... [1918]. Oct.
Publ.: Apr-Jul 1918 (in journal), p. [25]-30. *Copy:* B. – Reprinted and to be cited from C.R. Séances Soc. phys. hist. nat. Genève 35(2): 25-30. 1918. – Wilczek no. 233.
- 22.957.** Notes sur quelques *phanérogames* de l'*Oberland Bernois* ... Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève ... [1918]. Oct.
Co-author: François Georges Cavillier (1868-1953), see TL-2/1: 475.
Publ.: 1 Aug 1918 (date on p. 222), cover-t.p., p. [1]-40. *Copy:* NY. – Reprinted and to be cited from Annu. Cons. Jard. bot. Genève 20: 222-261. 1918. – Wilczek no. 238.
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Publ.: Apr-Jul 1919 (date on cover-t.p.), cover-t.p., p. [38]-43. *Copy:* G. – Reprinted and to be cited from Arch. Sci. Phys. Nat. 1919 (suppl.): 38-43. 1919 [C.R. Séances Soc. phys. hist. nat. Genève 36(2): 38-43. 1919]. – Wilczek no. 241.
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- 22.964.** *Les caractères de la dissymétrie et de l'hétérophyllie foliolaire chez les *Méliacées* à feuilles* ... Genève (Institut de botanique systématique de l'Université) 1936. Oct. (*Caract. dissym. Méliac.*).
Publ.: 1936, cover-t.p., p. [i], [1]-126, pl. 1-5 (uncol.). *Copy:* G. – Posthumous publication, issued as Boissiera fasc. 1, 1936, reprint from Mém. Inst. natl. Genevois 24 (n.v.).

Brisson de Lenharrée, Théodore Polycarpe (1828-post 1891), French lichenologist at Chalon-sur-Marne. (*Briss.*).

HERBARIUM and TYPES: PC(?), further material at M, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 179; BM 1: 237; CSP 13: 811; GR p. 269; GR, cat p. 61; Jackson p. 161, 282, 287; Kew 1: 364; LS 4015-4024, 31.571-31.572; Rehder 1: 416; Tucker 1: 112.

22.965. *Lichens du Département de la Marne ...* Chalons-sur-Marne (Imprimerie T. Martin, ...) 1875. Oct. (*Lich. Dépt. Marne*).

Publ.: 1875, cover-t.p., p. [1]-135, pl. 1-4 (p.p. col. liths.). *Copy*: G.

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22.969. *Catalogue des plantes phanérogames du Département de la Marne* contenant la description des grandes divisions et celle des familles sous la forme analytique. Plantes médicinales et vénéneuses ... Chalons-sur-Marne (chez l'auteur, Rue Titon, 33, ...) 1884. Oct. (*Catal. pl. phan. Dépt. Marne*).

Publ.: Jun-Aug 1884 (read 29 Mar 1883, *Bot. Zeit.* 26 Sep 1884, *J. Bot.* Oct 1884, *Nat. Nov. Sep* (2) 1884), p. [i]-vii, [9]-192 [p. 161-192 *Table méthodique*]. *Copies*: B, HH, L, MO, NY. – *Table méthodique* also published separately (*Nat. Nov. Oct* (1) 1887).

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Ref.: BL 2: 179.

***Britten, James** (1846-1924), English (Chelsea born) botanist, educated privately, assistant at Kew Gardens 1869-1871, member of the Linnean Society 1870, assistant at the Botany Department British Museum 1871-1909, Knight of St. Gregory 1897, Knight Commander 1917, ultimately living at Brentford. (*Britten*).

HERBARIUM and TYPES: BM. – Further material at ABD, K, LIV, MANCH, MBH, NMW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 253 (b. 3 Mai 1846, d. 8 Oct 1924); BB p. 45-46; BFM 2317, 2348; BL 1: 40, 50, 60, 107, 2: 215, 216, 229, 243, 313; BM 1: 250-251, 2: 863, 6: 140; CSP 7: 267, 9: 356, 12: 122, 13: 816; Desmond p. 89-90 (b. 3 Mai 1846, d. 8 Oct 1924); DSB 2: 475-476; GR p. 391; Hortus 3: 1189; IH 2: 97; Jackson p. 527 (index); Kew 1: 376-377; Langman p. 166; LS 4027; LS suppl. 3769; Morren ed. 2, p. 24, ed. 10, p. 71,

73; NI 235; RS p. 76; SO 575a, 1809-1812, 2847; TL-2/1: 330-331, and see indexes; Tucker 112-113; Zander ed. 11, p. 728.

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COMPOSITE WORKS: (1)-(8) see TL-2/1: 330.

(9) *London catalogue*, ed. 6, checked for plants seen in the county of Berks., 1873.

(10) *Idem* plants seen in the county of Buckingham, 1873.

(11) Edited *The Quarterly Magazine of the Wycombe natural history society* vol. 1, no. 3-ii, 1866-1870.

(12) *Crassulaceae* [of Tropical Africa] in D. Oliver, *Fl. trop. Afr.* 2: 385-401. 1871, see TL-2/7055 (3: 825).

(13) *List of British seed-plants and ferns* 1907 by A.B. Rendle and James Britten, see TL-2/9066.

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22.971. *The names of herbs by William Turner* A.D. 1548. Edited (with an introduction, an index of English names, and an identification of plants enumerated by Turner) ... London (published ... by N. Trübner & Co., ...) 1881. Oct. (*Names herbs Turner*).

Publ.: 1881 (p. vii: Jan 1882), p. [i]-vii, [1]-134, [135, colophon]. *Copy*: U.

Ref.: Abendroth (Leipzig), *Bot. Centralbl.* 13(12): 393-394. 12-16 Mar 1883 (rev.).

22.972. *The plants of Milanji*, Nyasa-Land, collected by Mr. Alexander Whyte, F.L.S. ... London (printed for the Linnean Society ...) 1894. Qu. (*Pl. Milanji*).

Introduction: William Carruthers (1830-1922), see TL-2/1: 460-461.

Collector: Alexander Whyte (1834-1908), see IH 2: 1150.

Identifications by: J. Britten, Edmund Gilbert Baker (1864-1949), see TL-2/1: 103-104 and suppl. 1: 275-277, Alfred Barton Rendle (1865-1938), see TL-2/4: 727-730, Anton Gepp (1862-1955), see TL-2/1: 932, et al.

Publ.: Mai 1894 (date on t.p.), cover-t.p., map, p. [1]-67, *pl. 1-10* (uncol. liths. R. Morgan).

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22.973. *Houstoun's Central American Leguminosae ...* [Reprinted from the 'Journal of Botany' ... 1897]. Oct.

Collector: William Houstoun (1695-1733), see TL-2/2: 342-343.

Publ.: 1 Jun 1897 (in journal), cover (identif.), p. [1]-10. *Copies*: B, NY. – Reprinted and to be cited from *J. Bot.* 35: 225-234. 1897.

22.974. On some species of *Cracca* ... [Journal of Botany ... 1900]. Oct.

Co-author: Edmund Gilbert Baker (1864-1949), see TL-2/1: 103-104, and suppl. 1: 275-277.

Publ.: 12-19 Jan 1900 (in journal), cover (identif.), p. [1]-8. *Copy*: NY. – Reprinted and to be cited from *J. Bot.* 38(1): 12-19. 1900.

22.975. *Notes on Eryngium* ... [Journal of Botany ... 1900]. Oct.

Co-author: Edmund Gilbert Baker (1864-1949), see TL-2/1: 103-104, and suppl. 1: 275-277.

Publ.: Jul 1900 (in journal), cover (identif.), *pl. 411* (uncol. lith.), p. [1]-6. *Copy*: NY. – Reprinted and to be cited from *J. Bot.* 38(7): 241-246, *pl. 411*. 1900.

Brittinger, Christian Casimir (1795-1869), Austrian pharmacist, botanist and entomologist, born in Friedberg, Hessen-Darmstadt, Germany, pharmaceutical training at the Stift Schlängel, Mühlkreis, Ober-Österreich; assistant at a pharmacy in Linz 1817, final pharmacy studies at the University of Vienna 1818, ultimately, from 1827, pharmacist in Steyr, dedicating himself as well to the botany of Ober-Österreich. (*Brittinger*).

HERBARIUM and TYPES: Herbarium sold and dispersed after his death; material at K, L, LI, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 532-533, 12(2): 74; Barnhart 1: 253 (b. 30 Apr 1795, d. 11 Jan 1869); BM 1: 251; CSP 1: 634-635; DTS 1: 357; Futak-Domin p. 123; IH 2: 97; PR p. 41; Rehder 1: 441; Tucker 1: 113.

BIOFILE: Anon., ÖBZ 13: 335. 1863, 19: 59. 1869 (d. 11 Jan 1869), 20: 352. 1870 (collections for sale).

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22.976. *Flora von Ober-Oesterreich* oder systematische Uebersicht aller in diesem Kronlande wildwachsenden oder im Freien gebauten Samenpflanzen ... (Verh. zool.-bot. Ges. Wien, ... 1862). Oct.

Publ.: Aug-Dec 1862 (in journal, mss. submitted 3 Jul 1862, *Flora* 13 Apr 1863), p. [977]-1096 (incomplete reprint). *Copy*: L. – Published in *Verh. k.k. zool.-bot. Ges. Wien* 12(Abh.): 977-1140. 1862. – Rehder (1: 441) mentions a reprint 164+[1] p. [?]. Wien 1862, not seen by us.

Additions: *Verh. k.k. zool.-bot. Ges. Wien* 15: 299-302. 1865 "Notiz zur Flora von Oberösterreich", read 3 Mai 1865.

Ref.: F.K., ÖBZ 13: 268. 1 Aug 1863 (rev.).

***Britton, Elizabeth Gertrude** (née **Knight**) (1858-1934), American botanist, née E.G. Knight, married to N.L. Britton 27 Aug 1885, born in the City of New York, spent part of her early life at Matanzas, Cuba, with her grandfather at a sugar estate, graduated from the Normal (Hunter) College New York 1875, teacher at the Model School ib., tutor in natural

science at Normal College 1883, collected and studied mosses from 1880, from 1885 associated with her husband at Columbia College and subsequently at the New York Botanical Garden, Honorary curator of mosses 1912-1934, prime mover in organizing The Wild Flower Preservation Society of America, (*E. Britton*).

HERBARIUM and TYPES: NY. – Further material at B, DBN, F, HH, K, LE, MICH, MO, PC, US.

MANUSCRIPTS and CORRESPONDENCE: NY; further correspondence at HH.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 242; Barnhart 1: 253; BL 1: 203; Bossert p. 53; CSP 12: 391 (Knight), 13: 816; IF 681, 684; IH 2: 91, 97, 98, 101; Kew 1: 377; Langman p. 161, 653; Lenley p. 49-77; LS 4028; LS suppl. 3781-3783, 5315; NW p. 41; TL-2/1: 331-332 and see indexes; Urban-Berl. p. 295.

BIOFILE: Abrir-Am, P.G. and D. Outram, eds., *Uneasy careers, Women in Science 1789-1979*, p. 77, 78, 81, 91, 95, 96-100, 306(n. 50). 1987.

Barnhart, J.H., *J. New York Bot. Gard.* 12: 121. 1911 (early data), 41(486): 142-143. 1940 (E.G.B. as a scientist); *Bull. Torrey bot. Club* 62(1): 1-17. 1935 (main bibliography).

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Woodward, C.H., editor, *J. New York Bot. Gard.* 41(486): 129-137. 1940 (Ceremony Fund wild flower preservation work).

COMPOSITE WORKS: (1), (2), see TL-2/1: 332.

(3) *Mosses*, in N.L. Britton, *Fl. Bermuda* 430-448. 28 Feb 1918.

(4) *Andreaeales*, in N. Amer. Fl. 15: 33. 14 Jun 1913.

(5) *Andreaeaceae*, id. 15: 35-39. 14 Jun 1913, with Julia Titus Emerson (1877-1962).

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(10) *Bryoxiphiaceae*, id. 15: 69-70. 14 Jun 1913.

(11) *Seligeriaceae*, id. 15: 71-75. 14 Jun 1913.

(12) *Wild flowers*, their appeal and conservation, in L.H. Bailey (1858-1954), *Standard Cycl. Hort.* 3513-3514. 28 Mar 1917, see TL-2/1: 94-96 and suppl. 1: 265-268.

(13) *Mosses*, in N.L. Britton and C.F. Millsbaugh, *The Bahama Flora* 477-500. 26 Jun 1920.

NOTE: The bibliography of E.G. Britton by J.H. Barnhart, *Bull. Torrey bot. Club* 62(1): 1-17. 1935 lists 346 publications. Barnhart used various sources in giving the actual date of publication, which is often later than the date printed in the publications and reprints. Many

exact dates are given in later issues of the journals, others were taken from archival material at NY.

- 22.977.** *Contributions to American bryology ... Bulletin Torrey Botanical Club ... 1889-1895.*
Publ. 1: 8 Apr 1889 (in journal), Bull. Torrey bot. Club 16(4): 106-112. 1889. – Also issued as Contr. Herb. Columbia Coll. no. 10. 1889 with cover-t.p. – Barnhart no. 17.
2: 12 Feb 1891, id. 18(2): 49-56, *pl. 114*. 1891. – Id. Contr. Herb. Columbia Coll. no. 18: 1891. – Barnhart no. 49.
3: 20 Oct 1893, id. 20(10): 393-405. 1893. – Id. Contr. Herb. Columbia Coll. no. 39 (pagination 393-404, lines rearranged). – Barnhart no. 74.
4: 25 Jan 1894, id. 21(1): 1-15. 1894. – Id. Contr. Herb. Columbia Coll. no. 44. 1894. – Barnhart no. 77.
5: 20 Feb 1894, id. 21(2): 65-76. 1894. – Id. Contr. Herb. Columbia Coll. no. 48. 1894. – Barnhart no. 78.
6: 25 Apr 1894, id. 21(4): 137-160. 1894. – Id. Contr. Herb. Columbia Coll. no. 52. 1894. – Barnhart no. 82.
7: 25 Mai 1894, id. 21(5): 189-208, *pl. 197-203*. 1894. – Id. Contr. Herb. Columbia Coll. no. 54. 1894. – Barnhart no. 84.
8: 20 Aug 1894, id. 21(8): 343-372, *pl. 213-217*. 1894. – Id. Contr. Herb. Columbia Coll. no. 60. 1894. – Barnhart no. 88.
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- 22.978.** *Contributions from the Herbarium of Columbia College. – No. 32. West Virginia mosses ...* Preprinted [sic] from C.F. Millspaugh, Preliminary Catalogue of the Flora of West Virginia 1892. Oct. (*W. Virg. mosses*).

Publ.: Nov 1892 (date on cover-t.p.), cover-t.p., title recto of p. 484, p. 484-494. *Copies:* B, NY, US. – Preprinted from C.F. Millspaugh, *Prelim. Cat. Fl. W. Virginia* which was issued Dec 1892 (see TL-2/6058). – Barnhart no. 71.

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Publ.: Mar 1896 (date on cover-t.p.), cover-t.p., p. [105]-113. *Copies:* BKL, NY. – Reprinted and to be cited from *The Observer* 7(3): 105-113. 1896. – *Note:* *The Humpbacked Elves: Buxbaumia* and *Webera*. – Barnhart no. 102.

- 22.980.** *The Brownies ...* Reprinted from *The Observer, Portland, Conn. ...* 1896. Oct.

Publ.: Mai 1896 (fide Barnhart), cover-t.p., p. [246]-254. *Copies:* BKL, NY. – Reprinted and to be cited from *The Observer* 7(5): 246-254. 1896. – *Note:* *The Brownies: Phascaceae*. – Barnhart no. 111.

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Publ.: 30 Dec 1897 (in journal), cover-t.p., p. [545]-559, *pl. 318-319*. *Copies:* NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 24(12): 545-559, *pl. 318-319*. 1897. – Also issued as Contr. Herb. Columbia Coll. no. 137. – Barnhart no. 121.

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Publ.: 1: 29 Dec 1900 (in journal), in Bull. Torrey bot. Club 27(12): 648-649. 1900. – Barnhart no. 149. – No reprint seen.
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Publ.: ca. 1900, p. 1-5, 1 pl. (uncol.). *Copies:* FAS(B), NY. – The first fascicle of an unpublished book on mosses by E.G. Britton. “She was so irritated by A.J. Grout and his “Mosses with hand-lens and microscope” that she never went on with the work or even gave out this first part” (fide W.C. Steere, in letter to FAS 9 Sep 1963). – Actually a few copies were distributed by W.C. Steere at different dates. – Not in Barnhart.
- 22.986.** *Life history of Schizaea pusilla ...* New York (Reprinted from the Bulletin of the Torrey Botanical Club) ... 1901. Oct.
Co-author: Alexandrina Taylor (fl. 1901).
Publ.: 31 Jan 1901 (in journal), cover-t.p., p. [1]-9, pl. 1-6 (uncol.). *Copies:* B, L, NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 28(1): 1-9, pl. 1-6. 1901. – Also issued as Contr. New York Bot. Gard. no. 11. 1901. – Barnhart no. 151.
- 22.987.** *Vanishing wild flowers ...* New York (Reprinted from Torrey) ... 1901. Oct.
Publ.: 23 Aug 1901, cover-t.p., p. 85-94. *Copies:* FAS(B), NY, U. – Reprinted and to be cited from Torrey 1(8): 85-93. 1901. – Also issued as Contr. New York Bot. Gard. no. 16. 1901. – Barnhart no. 156.
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- 10 ("Liver-Leaf"): Apr 1916 (id.), cover-t.p., p. 55-56, *pl. 169* (col.). – Id. 17: 55-56, *pl. 169*. 1916. – Barnhart no. 259.
- 11 ("Bloodroot"): Mai 1916 (id.), cover-t.p., p. [63]-64, *pl. 171* (col.). – Id. 17: 63-64, *pl. 171*. 1916. – Barnhart no. 261.
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Publ.: 1: 6 Jan 1914 (in journal), cover-t.p., p. 653-676, *pl. 25* (uncol. lith.). *Copies:* NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 40(12): 653-670, *pl. 25*. 1913. – Also issued as Contr. New York Bot. Gard. no. 161. – Barnhart no. 248.

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22.992. *Central American mosses ...* New York (Reprinted ... from Torrey ... 1914). Oct. *Junior author:* Robert Statham Williams (1859-1945), see TL-2/7: 323-325.

Publ.: 9 Feb 1914, cover-t.p., p. 24-31. *Copies:* FAS(B), NY, U. – Reprinted and to be cited from Torrey 14: 24-31. 1914. – Also issued as Contr. New York Bot. Gard. no. 165. – See also TL-2/17.779. – Barnhart no. 250.

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Co-author: [Charles] Arthur Hollick (1857-1933), see TL-2/2: 256-256.

Publ.: 30 Jan 1915 (date on cover-t.p., in journal 29 Jan 1915), cover-t.p., p. 9-10. *Copies:* BKL, FAS(B), NY. – Reprinted and to be cited from Bull. Torrey bot. Club 42(1): 9-10. 1915. – Barnhart no. 253.

22.994. *Mosses of Bermuda ...* New York (Reprinted ... from Bulletin of the Torrey Botanical Club ...) 1915. Oct.

Publ.: 2 Mar 1915 (in journal), cover-t.p., p. 71-76, *pl. 6-7* (uncol. liths.). *Copies:* NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 42(2): 71-72, *pl. 6-7*. 1915. – Also issued as Contr. New York Bot. Gard. no. 177. – Barnhart no. 254.

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Collector: Severin Rapp (1853-1941), see TL-2/4: 581.

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Publ.: Jul 1919 (in journal), p. [138]-142, *pl.* 233. *Copies*: BKL, L, NY. – Reprinted and to be cited from *J. New York Bot. Gard.* 20: 138-142, *pl.* 233. 1919. – Barnhart no. 291.
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Publ.: 7 Nov 1922 (in journal), p. [89]-90. *Copies*: BKL, FAS(B), L, NY. – Reprinted and to be cited from *Bryologist* 25(5): 89-90. 1922. – Barnhart no. 305.
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***Britton, Nathaniel Lord** (1859-1934), American botanist, born at New Dorp, Staten Island, sent to the School of Mines College but interested in botany from an early age, joined the Torrey botanical Club 1877, graduated from the School of Mines 1879, assistant in geology at Columbia College 1879, also served as botanist on the Geological Survey of Jersey 1881-1887, instructor in botany and geology at Columbia University 1887, adjunct professor of botany 1890, professor of botany 1891, director-in-chief New York Botanical Garden 1896-1930, married Elizabeth Knight 1885, especially interested in the flora of the West Indies from 1898, D.Sc. Columbia University 1904, L.L.D. University Pittsburgh 1912, leading the American nomenclatural movement (“American Code”). (*Britton*).

HERBARIUM and TYPES: NY, further material in B, BM, F, G, HH, K, LE, LS, MICH, MO, OXF, P, S, TRIN, US. — See IH 2: 98.

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(3) Editor, *Bulletin of the Torrey Botanical Club* 16-24, Jan 1889-Dec 1897.

(4) Junior author with Thomas Morong, with the assistance of Miss Anna Murray Vail, *An enumeration of the plants collected by Dr. Thomas Morong in Paraguay 1888-1890*, see TL-2/6340.

(5) Introductory note in C.E. Newhall, *Trees n.e. Amer.* 1890, TL-2/6772.

(6) J.C. Arthur, N.L. Britton, F.E. Clements, F.S. Earle, A.W. Evans and others, Propositions relatives à l'amendement et au complément des Règles internationales de la Nomenclature botanique, adoptées par le Congrès international de Botanique de Vienne en 1905 ..., p. 1-9. [New York 1910]. – See TL2/suppl. 2: no. 19.529.

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Publ.: 1881p. [i]-xiii, [1]-233. *Copies*: BKL, NY.

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Publ.: 1885 (read 25 Mai 1885), cover-t.p., p. 228-237. *Copy*: NY. – Reprinted and to be cited from *Ann. New York Acad. Sci.* 3(7): 228-237. 1885.

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23.009. *Cerastium arvense*, L., and its North American varieties ... Bulletin of the Torrey botanical Club ... 1887. Oct.

Senior author: [Charles] Arthur Hollick (1857-1933), see TL-2/2: 256-257.

Publ.: Mar 1887 (in journal), p. [45]-52, pl. 63-65. *Copies*: NY, US. – Reprinted and to be cited from *Bull. Torrey bot. Club* 14(3): 45-52, pl. 63-65. 1887. – Also issued as *Contr. Herb. Columbia Coll.* (no cover seen).

23.010. A list of *plants collected* by Miss Mary B. Croft at San Diego, Texas ... Reprinted from Transactions of the New York Academy of Sciences ... 1887. Oct.

Co-author: Henry Hurd Rusby (1855-1940), see TL-2/4: 997-1001.

Collector: Mary B. Croft, see IH 2: 144.

Publ.: 3 Oct 1887 (in journal), cover-t.p., p. 7-14. *Copy:* NY. – Reprinted and to be cited from Trans. New York Acad. Sci. 7: 7-14. 1887.

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4: 21 Sep 1891 (in journal), p. 265-272. *Copies:* NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 18(9): 265-272. 1891. – Also issued as Contr. Herb. Columbia Coll. no. 20, cover-t.p., p. 265-272. 1891.

5: 9 Dec 1891 (in journal), p. 362-370. *Copies:* NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 18(12): 363-370. 1891. – Also issued as Contr. Herb. Columbia Coll. no. 22, cover-t.p., p. 363-370. 1891.

6: 13 Jul 1892 (in journal), p. 219-226, *pl.* 131. *Copy:* NY. – Reprinted and to be cited from Bull. Torrey bot. Club 19(7): 219-226, *pl.* 131. 1892. – Also issued as Contr. Herb. Columbia Coll. no. 29, cover-t.p., p. 219-226, *pl.* 131. 1892.

7: 15 Jul 1893 (in journal), p. 277-282, *pl.* 158. *Copy:* NY. – Reprinted and to be cited from Bull. Torrey bot. Club 20(7): 277-282, *pl.* 158. 1893. – Also issued as Contr. Herb. Columbia Coll. no. 38, cover-t.p., p. 277-282, *pl.* 158. 1893.

8: 25 Jan 1894 (in journal), p. 27-34, *pl.* 173. *Copies:* NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 21(1): 27-34, *pl.* 173. 1894. – Also issued as Contr. Herb. Columbia Coll. no. 47, cover-t.p., p. 27-34, *pl.* 173. 1894.

9: 15 Mai 1895 (in journal), p. 220-225. *Copy:* NY. – Reprinted and to be cited from Bull. Torrey bot. Club 22(5): 220-225. 1895. – Also issued as Contr. Herb. Columbia Coll. no. 77, cover-t.p., p. 220-225. 1895.

23.012. *Botanical nomenclature* ... Reprinted from the 'Journal of Botany' ... 1888. Oct.

Publ.: Oct 1888 (in journal, text written 5 Sep 1888), p. [1]-4. *Copies:* B, NY. – Reprinted and to be cited from J. Bot. 26: 292-294. 1888.

23.013. *The genus Hicoria of Rafinesque* ... Reprinted from Bulletin of the Torrey botanical Club ... 1888. Oct.

Publ.: 2 Nov 1888 (in journal), cover-t.p., p. [277]-285. *Copies:* NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 15(11): 277-285. 1888 – Also issued with special cover-t.p. as Contr. Herb. Columbia Coll. no. 7.

23.014 On an *Archaean plant* from the white crystalline limestone of Sussex County, N.Y. ... [Annals New York Academy of Sciences ... 1888]. Oct.

Publ.: 1888, p. 123-124, *pl.* 7 (uncol.). *Copies:* FAS(B), NY. – Reprinted and to be cited from Ann. New York Acad. Sci. 4: 123-124, *pl.* 7. 1888. – Also in Canad. Rec. Sci. 3: 184, *pl.* 7. Jul 1888.

23.015. *The genus Eleocharis in North America* ... New York (Reprinted from the Journal of the New York microscopical Society ...) 1889. Oct.

Publ.: Oct 1889 (in journal), cover-t.p., p. 95-111. *Copies:* B, NY, US. – Reprinted and to be

cited from J. New York microscop. Soc. 5(4): 95-111. 1889. – Also issued as Contr. Herb. Columbia Coll. no. 12.

23.016. *A list of state and local floras of the United States and British America ...* Reprinted from the Annals of the New York Academy of Sciences ... [1890]. Oct.

Publ.: Apr-Jul 1890, in Ann. New York Acad. Sci. 5: 237-262. Apr, 263-294. Jun, 295-300.

Jul 1890. – Also, consolidated, issued as Contr. Herb. Columbia Coll. no. 14, cover-t.p., p. [237]-300. 1890. *Copies:* NY, US.

23.017. *The American species of the genus Anemone and the genera which have been referred to it ...* Reprinted from the Annals of the New York Academy of Sciences ... [1892]. Oct.

Publ.: Mai 1892 (in journal), p. [215]-238. *Copies:* NY, US. – Reprinted and to be cited from Ann. New York Acad. Sci. 6: 215-238. 1892 [“1891”].

23.018. *A list of species of the genera Scirpus and Rhynchospora occurring in North America ...* Reprinted from the Transactions of the New York Academy of sciences ... 1892. Oct.

Publ.: 1892, cover-t.p., p. [1]-19. *Copies:* NY, US. – Reprinted and to be cited from Trans. New York Acad. Sci. 11: 74-93. 1892. – Also issued as Contr. Herb. Columbia Coll. no. 26.

23.019. *The North American species of the genus Lespedeza ...* Reprinted from the Transactions of the New York Academy of Sciences ... 1893. Oct.

Publ.: 10-16 Mar 1893, p. 57-64. 10 Mar, 65-68. 16 Mar 1893. *Copies:* NY, US. – Reprinted and to be cited from Trans. New York Acad. Sci. 12: 57-68. 1893. – Also issued as Contr. Herb. Columbia Coll. no. 38.

23.020. *A revision of the genus Lechea ...* Reprinted from the Bulletin of the Torrey Botanical Club ... 1894. Oct.

Publ.: 20 Jun 1894 (in journal), cover-t.p., p. [244]-253. *Copies:* NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 21(6): 244-253. 1894. – Also issued as Contr. Herb. Columbia Coll. no. 56.

23.021. *An enumeration of the plants collected by Dr. Timothy E. Wilcox, U.S.A., and others in Southeastern Arizona during the years 1892-1894 ...* Trans. N.Y. Acad. Sci. ... 1894[-1895]. Oct.

Co-author: Thomas Henry Kearney (1874-1956), see TL-2/2: 510-511.

Collector: Timothy Erastus Wilcox (1840-1932), see IH 2: 1156, and others (not mentioned in title).

Publ.: 4 Dec 1894 and 26 Jan 1895 (in journal), cover-t.p., p. [21]-44. *Copies:* NY, US. – Reprinted and to be cited from Trans. New York Acad. Sci. 14: 21-32. 4 Dec 1894 (factual date, in journal 22 Oct 1894), 33-44. 26 Jan 1895. – Also issued, consolidated, as Contr. Herb. Columbia Coll. no. 71.

Note: *Gramineae* by F. Lamson-Scribner.

23.022. *An enumeration of the plants collected by M.E. Penard in Colorado during the summer of 1892 ...* Extrait du Bulletin de l’Herbier Boissier .. 1895. Oct.

Authorship: Senior author: N.L. Britton, co-author: Anna Murray Vail (1863-1955), see TL-2/6: 632-633. – Several identifications by N. Patouillard (Fungi), J. Müller Arg. (Lichenes), E.G. Britton (Musci), E. Huth (*Delphinium*).

Collector: Eugène Penard (1855-1950), see IH 2: 663.

Publ.: Mai 1895 (in journal), p. [1]-25. *Copies:* G, NY, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 3(5): 197-221. 1891.

23.023. *Botanical Gardens.* Address by vice-president Nathaniel Lord Britton chairman of section G of the American Association for the Advancement of Science at the Buffalo Meeting August 1896 ... Cambridge, Mass. (John Wilson and Son, University Press 1896 [i.e. 1897]). Oct.

Publ.: Jan 1897 (fide Barnhart), cover-t.p., p. [1]-16. *Copies*: FAS(B), NY. – Reprinted and to be cited from Proc. Amer. Assoc. Adv. Sci. 45: 171-184. 1897.

Further publications of this text: Science ser. 2. 4: 284-293. 4 Sep 1896; Garden and Forest 9: 352-353. 2 Sep, 362-363. 9 Sep 1896, abstract; Bull. Torrey bot. Club 23(9): 331-345. 25 Sep 1896; Bull. New York Bot. Gard. 1: 62-77. 1 Jan 1897.

23.024. *Code of botanical nomenclature ... Code de la nomenclature botanique. Codex der botanischen Nomenklatur.* New York 1904. Oct. (*Code bot. nom.*).

Authorship: The Nomenclature Commission appointed by the Botanical Club of the American Association for the advancement of Science at a meeting held in Washington, D.C., 2 Jan 1903, as a follow up of an energetic campaign by N.L. Britton.

Presentation: The text was meant to be accepted by the Vienna botanical Congress to be held in 1905, to take the place of Alphonse de Candolle's *Lois de la nomenclature botanique*, accepted at Paris on 16 Aug 1867 (see TL-2/975).

Rejection: This text became called the "*Amercian Code*"; it was rejected by the 1905 Vienna botanical Congress, but stayed in use by many American botanists until the International botanical Congress, held at Cambridge, G.B. 1930. – For the definitive text of the *American Code of Botanical Nomenclature* see this title of 1907.

Proposers: Arthur, Joseph Charles 1850-1942, see TL-2/1: 70-71, and suppl. 1: 173-180.

Barnhart, John Hendley 1871-1949, see TL-2/1: 123, and suppl. 1:333-336.

Britton, Nathaniel Lord 1859-1934, see TL-2/1: 332-348.

Brown, Stewardson 1867-1921, see TL-2/1: 370.

Clements, Frederic Edward 1874-1945, see TL-2/1: 540-541.

Cook, Orator Fuller 1867-1949 (to be treated in TL-2/suppl.).

Coulter, John Merle 1851-1928, see TL-2/1: 558-559.

Coville, Frederick Vernon 1867-1937, see TL-2/1: 561-562.

Earle, Franklin Summer 1856-1929, see TL-2/1: 716.

Evans, Alexander William 1868-1959, see TL-2/1: 806.

Hazen, Tracy Elliot 1874-1943, see Barnhart 2: 144.

Hollick, Arthur 1857-1933, see TL-2/2: 256-257.

Howe, Marshall Avery 1867-1936, see TL-2/2: 347-349.

Knowlton, Frank Hall 1860-1926, see TL-2/2: 583-584.

Moore, George Thomas 1871-1956, see TL-2/3: 569.

Morris, Edward Lyman 1870-1913, see TL-2/3: 594-595.

Murrill, William Alphonse 1869-1957, see TL-2/3: 672-673.

Rusby, Henry Hurd 1855-1940, see TL-2/4: 997-1001.

Shear, Cornelius Lott 1863-1956, see TL-2/5: 555-557.

Trelease, William 1847-1945, see TL-2/6: 458-468.

Underwood, Lucien Marcus 1853-1907, see TL-2/ 6: 587-594.

White, [Charles] David 1862-1935, see TL-2/7: 249-250.

Wight, William Franklin 1874-1954, see TL-2/7: 282.

Publ.: 18 Mai 1904 (in journal), p. [i], 249-290. *Copies*: FAS(B), NY. – Reprinted and to be cited from Bull. Torrey bot. Club 31(5): 249-290. 1904. – Text in English, French and German.

23.025. *Lenophyllum* a new genus of Crassulaceae ... City of Washington (published by the Smithsonian Institution) 1904. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 10 Oct 1904 (date on cover-t.p. and in text), cover-t.p., p. 159-162, *pl.* 20 (col. lith.).

Copies: B, G. – Reprinted and to be cited from Smithson. Misc. Coll. 47(3): 159-162, *pl.* 20. 1904, also issued as Smithson. Inst. Publ. 1479. – See ING 2: 953. 1979.

23.026. *On Pisonia obtusata* and its allies ... From the Bulletin of the Torrey Botanical Club ... 1904. Oct.

Publ.: 26 Nov 1904 (in journal), cover-t.p., p. 611-615. *Copies*: FAS(B), NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 31(11): 611-615. 1904. – Also issued as Contr. New York Bot. Gard. no. 61.

23.027. *Contributions to the flora of the Bahama Islands* 1 [-4]. ... New York (From the Bulletin of the New York Botanical Garden ...) 1905 [-1907]. Oct. (*Contr. fl. Bahama Isl.*). *Publ.*: 1: 7 Feb 1905 (preprint so dated on p. [i]), p. [i], 441-453. 1905. – Preprinted from Bull. New York Bot. Gard. 3: 441-453. 14 Apr 1905.

2: 24 Aug 1905 (preprint so dated), p. [i], 115-127. 25 Jun 1906. – Preprinted id. 4: 115-127. 1906.

3: 19 Mar 1906 (preprint so dated), p. [i], 137-143. 25 Jun 1906. – Preprinted id. 4: 137-143. 1906.

4: 26 Oct 1907 (preprint so dated), p. [i], 311-318. 8 Feb 1909. – Preprinted id. 5(18): 311-318. 1909. – Cover erroneously has “Contributions ... III.” sic.

Copies: FAS(B), NY.

23.028. *The Hemlock Grove on the banks of the Bronx River and what it signifies* ... (Reprinted from the Transactions of the Bronx Society of Arts and Sciences ...) 1906.

Publ.: Mar 1906 (date on cover-t.p. [sic: “October 1905 to March 1906”]), cover-t.p., p. [5]-13. *Copies*: NY, U. – Reprinted and to be cited from Trans. Bronx Soc. Arts Sci. 1(1): 5-13 “October, 1905, to March, 1906”, – Also issued as Contr. New York Bot. Gard. no. 83.

23.029. *The sedges of Jamaica* ... Kingston, Jamaica (Hope Gardens) 1907. Oct. (*Sedges Jamaica*).

Publ.: Sep 1907 (date on cover-t.p.), cover-t.p., p. [1]-19. *Copies*: NY, U. – Issued as supplement 1 of Bull. Dept. Agric. Jamaica 5, 1907. – Also issued as Contr. New York Bot. Gard. no. 97.

23.030. *Pereskopsis*, a new genus of Cactaceae ... Smithsonian miscellaneous collections ... 1907. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 28 Oct 1907, p. 331-333, pl. 43-44 (uncol. phot.). *Copy*: B. – Reprinted and to be cited from Smithson. Misc. Coll. 50: 331-333, pl. 43-44, also issued as Smithson. Inst. Publ. 1775. – See ING 3: 1288. 1979.

23.031. *American Code of botanical nomenclature* ... From the Bulletin of the Torrey Botanical Club ... 1907. Oct.

Authorship: N.L. Britton was *de facto* leader of the American Code campaign. This *Code*, which remained in use by especially the Britton school from 1904 (see above N.L. Britton, *Code of botanical nomenclature* 1904) was an alternative for the *Règles int. nomencl.* 1905, see TL-2/766, adopted by the Vienna Botanical Congress of 1905. It was signed by the majority of the 1904 group except S. Brown, J.M. Coulter, E.L. Morris, W.A. Murrill, W. Trelease.

Publ.: 11 Jun 1907 (in journal), p. [i], 167-178. 1907. *Copies*: FAS(B), NY. – Reprinted and to be cited from Bull. Torrey bot. Club 34(4): 167-178. 1907.

23.032. *A preliminary treatment of the Opuntioideae of North America* ... City of Washington (Published by the Smithsonian Institution) 1908. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 20 Feb 1908, p. [i], 503-539. *Copies*: FAS(B), NY. – Reprinted and to be cited from Smithson. Misc. Coll. 50(4): 503-539. 1908.

23.033. *The genus Ernodea* Swartz: a study of species and races ... New York (Reprinted, ... from the Bulletin of the Torrey Botanical Club ...) 1908. Oct.

Publ.: 29 Apr 1908 (in journal), cover-t.p., p. 203-208. *Copies*: NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 35(4): 203-208. 1908. – Also issued as Contr. New York Bot. Gard. no. 106.

23.034. *The taxonomic aspect of the species question ...* Reprinted, ... from the American Naturalist. 1908. Oct.

Publ.: 18 Mai 1908 (in journal), cover-t.p., p. 225-242. *Copies*: BKL, FAS(B), NY, U. – Reprinted and to be cited from Amer. Natural. 42: 225-242. 1908. – Also issued as Contr. New York Bot. Gard. no. 105.

23.035. *The generic name Bucida ...* From the Bulletin of the Torrey Botanical Club ... 1908. Oct.

Publ.: 1 Jul 1908 (in journal), p. 303-304. *Copies*: B, BKL, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 35(6): 303-304. 1908.

23.036. *Studies of West Indian plants i-xiii*, New York 1908-1926. Oct.

Publ.: 1: 30 Jul 1908 (in journal), p. [i*], 337-345. *Copies*: FAS(B), NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 35(7): 337-345. 1908. – Also issued as Contr. New York Bot. Gard. no. 108.

2: 2 Jan 1909 (id.), p. [i*], 561-569. *Copies*: FAS(B), NY, U. – Id. 35(12): 561-569. – Id. no. 118.

3: 29 Jul 1910 (id.), p. [i*], 345-363. *Copies*: FAS(B), NY, U. – Id. 37(7): 345-363. 1910. – Id. no. 135.

4: 10 Feb 1912 (id.), p. [i*], 1-14. *Copy*: U. – Id. 39(1): 1-14. 1912. – Id. no. 147.

5: 27 Feb 1914 (id.), p. [i*], 1-24. *Copies*: FAS(B), NY, U. – Id. 41(1): 1-24. 1914. – Id. no. 164.

6: 29 Jul 1915 (id.), p. [i*], 365-392. *Copies*: FAS(B), NY, U. – Id. 42(7): 365-392. 1915. – Id. no. 179.

7: 5 Nov 1915 (id.), p. [i*], 487-517. *Copy*: U. – Id. 42(9): 487-517. 1915. – Id. no. 183.

8: 20 Oct 1916 (id.), p. [i*], 441-469. *Copies*: FAS(B), NY, U. – Id. 43(9): 441-469. 1916. – Id. no. 192.

9: 12 Feb 1917 (id.), p. [i*], 1-37. *Copies*: FAS(B), NY, U. – Id. 44(1): 1-37. 1917. – Id. no. 195.

10: 28 Feb 1922 (id.), p. [i*], 327-343. *Copies*: FAS(B), NY, U. – Id. 48(12): 327-343. 1922. – Id. no. 236.

11: Jan 1923 (id.), p. [i*], 35-56. 1923. *Copies*: FAS(B), NY, U. – Id. 50(1): 35-56. 1923. – Id. no. 238.

12: 8 Feb 1924 (id.), p. [i*], 1-12. 1924. *Copies*: FAS(B), NY, U. – Id. 51(1): 1-12. 1924. – Id. no. 252.

13: 30 Oct 1926 (id.), p. 457-471. *Copies*: FAS(B), NY, U. – Id. 53(7): 457-471. 1926. – Id. no. 284. *Ref.*: Conde, J.A., Hist. Bot. en Cuba 101, 295. 1958.

23.037. *A new genus of Cactaceae ...* Reprinted from the Journal of the New York Botanical Garden ... 1908. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: Dec 1908 (info. J.H. Barnhart; journal issue for November), cover-t.p., p. [185]-188, pl. 48-52 (uncol. phot.). *Copies*: B, BKL. – Reprinted and to be cited from J. New York Bot. Gard. 9(107): 185-188, pl. 48-52. 1908.

23.038. *Darwin and botany ...* Reprinted from the Popular Science Monthly ... 1909. Oct.

Publ.: Mar ("April") 1909 (preprint), cover-t.p., p. [355]-360. *Copies*: FAS(B), NY. – Reprinted or preprinted from Pop. Sci. Monthly 1909: 355-360. Apr 1909.

23.039. *Thompsonella*, a new genus of Crassulaceae from Mexico ... Rediscovery of Echeveria carnicolor ... Three new species of Crassulaceae ... Washington (Government Printing Office) 1909. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 10 Mai 1909 (in journal), cover-t.p., p. 391-396, pl. 44-48 [three papers: *Thompsonella*

by Britton and Rose: p. 391-392, *pl. 44-45*; *Echeveria carnicolor* by Rose: p. 393, *pl. 46*; *Three new species* by Rose: p. 395-396, *pl. 47-48*. *Copies*: BKL, FAS(B), NY. – Reprinted and to be cited from *Contr. U.S. Natl. Herb.* 12(9): 391-396, *pl. 44-48*. 1909. – See ING 3: 1753. 1979.

23.040. *The genus Cereus and its allies in North America ...* [Washington (Government Printing Office)] 1909. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 21 Jul 1909 (in journal), p. 413-437, *pl. 61-76*. *Copies*: NY, US. – Reprinted and to be cited from *Contr. U.S. Natl. Herb.* 12(10): 413-437, *pl. 61-76*. 1909.

23.041. *Rhipsalis in the West Indies ...* Reprinted ... from *Torreyia ...* 1909. Oct.

Publ.: 3 Aug 1909, p. [i*], [153]-160. *Copies*: FAS(B), NY. – Reprinted and to be cited from *Torreyia* 9(8): 153-160. 1909. – Also issued as *Contr. New York Bot. Gard.* no. 124.

23.042. (See also no. 19.527) *Propositions relating to the amendment and completion of the International Rules of Botanical Nomenclature* adopted by the International Botanical Congress of Vienna in 1905 ... From the Bulletin of the Torrey Botanical Club ... 1909. Oct. *Authorship*: J.C. Arthur, E.G. Britton, N.L. Britton, S. Brown, F.E. Clements, O.F. Cook, F.V. Coville, F.S. Earle, A.W. Evans, T.E. Hazen, A. Hollick, M.A. Howe, F.H. Knowlton, G.T. Moore, E.L. Morris, H.H. Rusby, C.L. Shear, D. White, W.F. Wight.

Publ.: 4 Mar 1909 (in journal), p. 55-74. *Copies*: FAS(B), NY. – Reprinted and to be cited from *Bull. Torrey bot. Club* 36(2): 55-74. 1909.

23.043. *Rediscovery of Tillandsia Swartzii Baker ...* Reprinted from *Torreyia ...* 1911. Oct.

Publ.: 14 Feb 1911 (in journal), p. [31]-33. *Copies*: B, BKL, FAS(B), NY. – Reprinted and to be cited from *Torreyia* 11(2): 31-33. 1911.

23.044. *Undescribed species of Cuban Cacti ...* Reprinted from *Torreyia ...* 1912. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: Jan 1912 (date on reprint), p. [13]-16. *Copies*: BKL, NY. – Reprinted and to be cited from *Torreyia* 12(1): 13-16. 1912.

23.045. *The genus Hamelia Jacq. ...* Reprinted from *Torreyia ...* 1912. Oct.

Publ.: Feb 1912 (date on reprint), p. [30]-32. *Copies*: BKL, NY. – Reprinted and to be cited from *Torreyia* 12(2): 30-32. 1912.

23.046. *Studies in Cactaceae – 1 ...* Washington (Government Printing Office) 1913. Oct. (*Stud. Cact.*).

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 1: 10 Apr 1913 (in journal), cover-t.p., p. [i]-v, 239-243, *pl. 66-73* (uncol. phot.), vii (index). *Copies*: B, U, – Issued as *Contr. U.S. Natl. Herb.* 16(7). 1913.

23.047. *The genus Epiphyllum and its allies ...* Washington (Government Printing Office) 1913. Oct. (*Epiphyllum*).

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 6 Jun 1913 (in journal), p. [i]-v, 255-262, *pl. 78-84* (uncol. phot.), vii (index). *Copies*: B, NY, U, US. – Issued as *Contr. U.S. Natl. Herb.* 16(9). 1913.

23.048. *Four undescribed West Indian sedges ...* Reprinted from *Torreyia ...* 1913. Oct.

Publ.: Sep 1913 (date on reprint), p. [215]-217. *Copy*: BKL. – Reprinted and to be cited from *Torreyia* 13(9): 215-217. 1913.

23.049. *On Erigeron pusillus Nutt. ...* Reprinted from *Torreyia ...* 1914. Oct.

Publ.: 27 Oct 1914 (in journal), p. [197]-199. *Copies*: BKL, FAS(B), NY. – Reprinted and to be cited from *Torreyia* 14(10): 197-199. 1914.

- 23.050.** *The vegetation of Rona Island ...* St. Louis (... Annals of the Missouri Botanical Garden) 1915. Oct.
Publ.: 17 Mai 1915 (in journal), cover-t.p., p. 33-58, *pl. 1-2* (uncol. phot.). *Copies:* MO, NY, U. – Reprinted and to be cited from Ann. Missouri Bot. Gard. 2(1-2): 33-58, *pl. 1-2*. 1915. – Also issued as Contr. New York Bot. Gard. no. 175.
- 23.051.** *History of the New York Botanical Garden ...* [New York] 1915. Oct. (*Hist. N.Y. B.G.*).
Publ.: 6 Sep 1915, read and distributed on the occasion of the Twentieth Anniversary Celebration of the NYBG, p. 1-16. *Copy:* NY.
- 23.052.** *El genero Rynchospora Vahl, en Cuba ...* Habana (Imprenta “El Siglo XX” ...) 1916. Oct.
Publ.: Jun 1917 (reprint, not date of journal), cover-t.p., p. [1]-16. *Copies:* NY, U. – Reprinted and to be cited from Mem. Soc. Cub. Hist. Nat. “Felipe Poey” 2: 151-166. 1916. – Also issued as Contr. New York Bot. Gard. no. 194.
Note: The copy U has in writing “June 1917”. Probably the actual date of the reprint.
- 23.053.** *An undescribed Scirpus from California ...* Reprinted from Torreyia ... 1918. Oct.
Publ.: Feb 1918, p. [36]-37. *Copies:* BKL, NY. – Reprinted and to be cited from Torreyia 18(2): 36-37. 1918.
- 23.054.** *Torrey botanical club reminiscences ...* Reprinted from Memoirs of the Torrey Botanical Club ... 1918. Oct.
Publ.: 10 Jun 1918 (in journal), p. [24]-28. *Copies:* FAS(B), NY. – Reprinted and to be cited from Mem. Torrey bot. Club 17: 24-28. 1918.
- 23.055.** *The flora of the American Virgin Islands ...* Reprinted ... from Brooklyn Botanic Garden Memoirs ... 1918. Oct.
Publ.: 6 Jul 1918 (date on cover-t.p.), cover-t.p., p. 19-118. *Copies:* BKL, NY. – Reprinted and to be cited from Brooklyn Bot. Gard. Mem. 1: 19-118. 1918. – Also issued as Contr. New York Bot. Gard. no. 203.
- 23.056.** *The wild pimento of Jamaica ...* Reprinted from the Journal of the New York Botanical Garden ... 1920. Oct.
Publ.: 9 Apr 1920 (actual date of publ. of the February issue, fide Barnhart), p. [1]. *Copies:* FAS(B), NY. – Reprinted and to be cited from J. New York Bot. Gard. 21: 38-39. 1920 (type shifted on one page [1]).
- 23.057.** *Descriptions of Cuban plants new to science ...* Reprinted ... from Memoirs of the Torrey Botanical Club ... 1920. Oct.
Publ.: 13 Sep 1920 (in journal), cover-t.p., p. [57]-118. *Copies:* B, FAS(B), L, NY. – Reprinted and to be cited from Mem. Torrey Bot. Club 16(2): 57-118. 1920. – Also issued as Contr. New York Bot. Gard. no. 225.
- 23.058.** *Neoabbottia, a new genus from Hispaniola ...* City of Washington (Published by the Smithsonian Institution) 1921. Oct. (*Neoabbottia*).
Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.
Publ.: 15 Jun 1921, p. [i-ii], 1-6, *pl. 1-4* (uncol. drawing and photos). *Copies:* FAS(B), NY, U. – Issued as Smithson. misc. Coll. no. 72(9), 1921. – See ING 2: 1157. 1979.
- 23.059.** *The Cacti of Trinidad ...* [Bulletin Department Agriculture Trinidad Tobago] 1921. Oct.
Publ.: Jun 1921 (in journal), p. 81-87. *Copies:* B, FAS(B), NY. – Reprinted and to be cited from Bull. Dept. Agric. Trinidad Tobago 19(2): 81-87. 1921.

23.060. *Two new genera of Cactaceae ...* Reprinted from the Bulletin of the Torrey Botanical Club ... 1922. Oct.

Co-author: Joseph Nelson Rose (1862-1928), see TL-2/4: 884-887.

Publ.: 31 Aug 1922 (in journal), p. 251-252. *Copies:* FAS(B), NY, U. – Reprinted and to be cited from Bull. Torrey bot. Club 49(8): 251-252. 1922.

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Co-author: Ellsworth Paine Killip (1890-1968), see TL-2/2: 541-542, no. 3636 (err. "Columbia").

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***Britzelmayer, Max** (1839-1909), German (Augsburg born) lichenologist and mycologist in Bavaria, educated at the Latin school nr. St. Stephan, at the Lehrerseminar zu Lauingen, diploma 1859, school teacher at Augsburg 1865, school inspector 1873-1899, retired from teaching 1899. (*Britzelm.*).

HERBARIUM and TYPES: Unknown; for his exsiccatae etc. see below and TL-2/1: 348. – Herbarium material, incl. exsiccatae: B, BM, CUP, GB, HH(FH), L, M, PC, SI, WRSL. – *Lichenes exsiccati aus der Flora Augsburgs*, Lief. 1-7, nos. 1-280, Lief. 8-10, nos. 281-420. See Sayre (1969). – *Lichenes exsiccati florum Augsburgensis* Suppl. 1: nos. 421-465, 2: nos. 467(sic)-520. See Sayre (1969). – *Lichenes exsiccati* nos. 541-580, 581-620, 621-664, 665-707. – *Lichenes aus Südbayern* nos. 708-741. – *Lichenes exsiccati aus Südbayern* nos. 742-847, 849-879, 880-920, 921-1003 (nos. 849-867 are figures, not exsiccatae). See H. Hertel (1982).

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Nachträge zur Lichenenflora von Augsburg: 1877, p. [119]-124. *Copy:* B. – Id. 24: 119-124. 1877. – LS 4035.

Beiträge zur Lichenenflora von Augsburg: 1879, p. [96]-111. *Copy:* B. – Id. 25: 96-111. 1879. – LS 4037.

23.063. *Beiträge zur Augsburger Pilzflora ...* [Ber. naturh. Ver. Augsburg ... 1877]. Oct.

Co-author: Heinrich Simon Ludwich Friedrich Felix Rehm (1828-1916), see TL-2/4: 652-655.

Publ.: 1877, p. [i, h.t.], [49]-89. *Copies*: B, L. – Reprinted and to be cited from *Ber. naturh. Ver. Augsburg* 24: 49-89. 1877. – LS 4072.

23.064. *Die Lichenen der Flora von Augsburg ...* Separatabdruck aus dem 33. Bericht des Naturwissenschaftlichen Vereins für Schwaben und Neuburg in Augsburg ... [1898]. Oct. *Publ.*: 1898 (*Bot. Zeit.* 1 Jan 1899; *Hedwigia* 28 Feb 1899), p. [205]-240, [1, err.]. *Copy*: B. – Reprinted and to be cited from *Ber. naturw. Ver. Schwaben* 33: 205-240. 1898. – LS 4059.

Ref.: Britzelmayer, M., *Bot. Centralbl.* 77(6/7): 207. 2 Feb 1899.

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Publ.: 1902 (*Nat. Nov.* Dec (2) 1902), p. [91]-105. *Copy*: B. – Reprinted and to be cited from

Ber. naturw. Ver. Schwaben 35: 91-105. 1902. – LS 4063.

23.067. *Lichenes exsiccati aus der Flora von Augsburg in Wort und Bild ...* [Bericht Naturw. Ver. Augsburg 1904]. Oct.

Publ.: [1]: 1904, p. [23]-80, 30 pl. 1904. *Copy*: L. – Reprinted and to be cited from *Ber. naturw. Ver. Schwaben* 36: 23-80, 30 pl. 1904. – LS 4065.

2: 1906, p. [179]-238, 25 pl. 1906. *Copy*: L. – Id. 37: 179-238, 25 pl. 1906. – LS 4071b.

3: 1908, p. [1]-76, 21 pl. *Copy*: L. – Id. 38: 1-76, 21 pl. 1908. – LS 31.584.

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Publ.: 1905, p. [i, t.p.], 3 pl. with drawings of lichens and text. *Copy*: B. – LS 4069.

Ref.: Zahlbruckner, A., *Bot. Centralbl.* 99: 280. 19 Sep 1905 (rev.).

23.069. *Lichenologisches ...* Sonderabdruck aus *Hedwigia* ... 1905. Oct.

Publ.: 29 Apr 1905 (in journal), p. 199-217. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 44(4): 199-217. 1905. – LS 4070.

23.070. *Über Cladonia rangifera Hoffm. und bacillaris Ach. ...* [Beih. Bot. Centralbl. ... 1906]. Oct.

Publ.: 1906, p. [140]-150. *Copies*: B, L (reprint or tearsheet?). – *Beih. Bot. Centralbl.* 20(2. Abt.): 140-150. 1906. – LS 4071.

Brizi, Ugo (1868-1949), Italian botanist and phytopathologist (Ancona born), assistant at the Stazione di patologia vegetale a Roma 1900, professor of physiology and phytopathology at the R. Scuola superiore d'Agricoltura at Milano, ordinary professor at the Agricultural University of Milano 1918, from 1937 director of the botanical garden Brera, Milano. (*Brizi*).

HERBARIUM and TYPES: MIPV, PAD, RO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 254; BL 2: 365; DTS 1: 35-36; GR p. 528 (b. 28 Feb 1868, Ancona, d. 4 Nov 1949, Milano); IH 2: 98; LS 4073-4099, 6369, 31.588-31.601, 32.411; LS suppl. 3787-3788; Rehder 5(index); 122; Saccardo 1: 38; SBC p. 166; Stevenson p. 1237; TL-2/see indexes.

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Publ.: 1896, cover-t.p., p. [1]-75, pl. 4 (uncol. lith. auct.). Copy: B. – Reprinted and to be cited from Malpighia 10: 227-257, 437-478. 1896.

Broadhurst, Jean Alice (1873-1954), American teacher of biology and botanist, born at Stockton, New Jersey, at the New Jersey State Normal School, Trenton 1892, B.S. Teachers College Columbia University 1903, A.M. 1908, at New York Botanical Garden 1901-1902, assistant at Barnard College 1902-1903, instructor in biology at New Jersey State Normal School 1903-1906, id. at Teachers College 1906, at id. as professor of biology 1914. (*Broadh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 254 (b. 29 Dec 1873, d. Sep 1954); BL 1: 198; LS 31.602.

BIOFILE: Barnhart, J.H., J. New York Bot. Gard. 12: 121. 1911.

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Brockhausen, H. (fl. 1907-1917), German botanist and teacher (“Oberlehrer”) at the Katholisches Gymnasium Dionysianum zu Rheine. (*Brockhausen*).

HERBARIUM and TYPES: Unknown.

NOTE: (1) Not seen by us: *Die Flora des Teutoburger Waldes von Bevergern bis Brochterbeck ...* 45. Jahresber. Westfäl. Prov.-Ver. Wiss. Kunst 1916/17: 21-28. Münster 1917. – See Matouschek (Wien), Bot. Centralbl. 140(23): 362-363. 10 Jun 1919.

23.073. Kath. Gymnasium Dionysiarum zu Rheine. 45. Jahresber. (Schuljahr 1906) ... 1. *Beiträge zur Flora Westfalens ...* Rheine (Druck von Jos. Altmeppen) 1907. Qu. (*Beitr. Fl. Westfal.*).

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Brockmann, Christoph (1878-1962), German teacher and diatomist in Lehe, born at Schneverdingen (Lüneburger Heide), teacher at Turmstedt (Kreis Stade), from then on interested in the ecology and plant systematics of recent, inter- and postglacial diatoms, Dr. phil. h.c. Kiel 1937. (*C. Brockmann*).

HERBARIUM and TYPES: KRU, WIL (see G.A. Fryxell, Beih. Nova Hedwigia 53, 1975).

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 20; Christiansen p. 312 (index).

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Publ.: 1914, cover-t.p., p. [1]-71. *Copy*: L. – Issued in *Separate Schriften des Vereins für Naturkunde an der Unterweser 4.* 1914.

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Publ.: 29 Oct 1928 (date on reprint; publication in the journal in two parts of which the first part may be earlier than 29 Oct), p. [1]-73, *pl. 1-4* (uncol. phot.) and [115]-187, *pl. 1-4* (id.). *Copy*: U. – Reprinted and to be cited from *Abh. Senckenb. naturf. Ges.* 41(3): 1-73, *pl. 1-4, 115-187, pl. 1-4.* 1928.

Brockmann-Jerosch, Heinrich [until 1905 H. Brockmann] (1879-1939), Swiss botanist, born in Winterthur, educated at the Gymnasium of Winterthur, practising agriculture 1898-1899 in Echallens, Waadt, at the Technical University of Zürich 1899, Ing. 1902, original family name Krzymowski, adopted his mother's name Brockmann from 1901, botanical assistant with Carl Schröter 1901-1904, Dr. phil. Univ. Zürich 1906, married Marie Jerosch 1905, from then he used the name Brockmann-Jerosch, "Privatdocent" at the University of Zürich 1903-1933, from 1922 with the professor's title, also professor for geography at a secondary school from 1920 as well as long-time curator of the Geobotanisches Forschungsinstitut Rübel in Zürich. (*Brockm.-Jer.*).

HERBARIUM and TYPES: Some material at Z, ZT and NY.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart 1*: 255 (b. 23 Mai 1879, Winterthur, d. 14 Feb 1939); *BFM* 1042, 2043; *BJI* 2: 20; *BL* 2: 573; *DTS* 6(4): 80, 126; *Kew* 1: 381; *LS* 31.603-31.607; *Moebius p.* 375; *Stevenson p.* 1237; *TL-2/see indexes.*

BIOFILE: *Arditti, J., ed., Orchid. biol.* 1: 41, 42. 1977.

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Turrill, W.B., Kew Bull. 1939(3): 163 (obit. note).

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(2) Edited *Festschrift Carl Schröter 1925*, see *TL-2/5*: 340.

(3) *Jamaika*, in G. Karsten and H. Schenck, *Vegetationsbilder ser. 16. Heft 5/6: pl. 25-36*, 42 p. text. 1925, co-author Marie Brockmann-Jerosch.

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Publ.: Feb-Jun 1909 (p. 15, mss. dated Jan 1909, rev. *Bot. Jahrb.* 9 Aug 1910, *Allg. Bot. Z.* 20 Jul 1909), cover-t.p., p. 1-15. *Copies*: B, L. – Reprinted and to be cited from *Vierteljahrsschr. naturf. Ges. Zürich* 54: 101-115. 1909.

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Publ.: early 1910 (p. 7 signed Jan 1909; *ÖBZ* 1 Oct 1910), cover-t.p., p. [i, iii], [1]-189, col. map. *Copy*: U. – Preprinted or reprinted from *Jahrb. St. Gall. naturw. Ges.* 1909: 1-189. 1910. – Also marketed bei W. Engelmann, Leipzig 1912.

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Co-author: Marie Brockmann-Jerosch (b. 1877).

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Co-author: Eduard August Rübel (1876-1960), see TL-2/4: 975-976.

Publ.: Aug-Sep 1912 (p. iv signed 19 Jun 1912; *Nat. Nov.* Oct (1) 1912; *ÖBZ* 1 Nov 1912, *Allg. Bot. Z.* 30 Nov 1912), cover-t.p., p. [i, t.p.]-vi, [1]-72. *Copies*: B, G, U.

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Matouschek, *Bot. Centralbl.* 131(16): 413-416. 1916 (rev.).

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Final text: 1919, *Baumgrenze und Klimacharakter*, see below.

- 23.085.** *Vergessene Nutzpflanzen ...* Sonderabdruck aus "Wissen und Leben" ... 1914. Oct.
Publ.: 1 and 15 Jan 1914, cover-t.p., p. [1]-22. *Copy:* B. – Reprinted and to be cited from Wissen und Leben 7, 1914 (n.v.).
- 23.086.** *Zwei Grundfragen der Paläophytogeographie ...* Leipzig und Berlin (Verlag von Wilhelm Engelmann) 1914. Oct.
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- 23.087.** *Die Trichome der Blattscheiden bei Gräsern ...* Berlin (Gebrüder Borntraeger) 1914. Oct.
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- 23.088.** *Die ältesten Nutz- und Kulturpflanzen ...* Zürich (Druck von Zürcher & Furrer) 1917. Oct.
Publ.: 9 Sep 1917 (date on t.p. reprint), cover-t.p. (verso of p. [80]), p. [80]-102, 2 pl. *Copy:* G. – Reprinted and to be cited from Vierteljahrsschr. naturf. Ges. Zürich 62(1/2): 80-102, 2 pl. 1917.
- 23.089.** *Baumgrenze und Klimacharakter ...* Zürich (Verlag von Rascher & Cie.) 1919. Oct. (*Baumgr. und Klimacharact.*).
Publ.: 20 Mar 1919 (date on t.p.; Nat. Nov. Sep (1/2) 1919), p. [i, iii], frontisp. phot., [v]-viii, [1]-255, map. *Copies:* L, U. – Issued as Ber. Schweiz. bot. Ges. 26, 1919 and Beitr. geobot. Landesaufnahme no. 6.
Ref.: Krause, K., Bot. Jahrb. 56(Lit.): 10-11. 23 Apr 1920 (rev.).
 A. K[neucker], Allg. Bot. Z. 24/25: 29-30. 20 Jun 1920 (rev.).
- 23.090.** *Fundstellen von Diluvialfossilien bei Lugano ...* Beiblatt zur Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich ... 1923. Oct.
Publ.: 19 Jul 1923 (reprint issued 19 Jul 1923), p. [1]-7. *Copy:* U. – Preprinted or reprinted from Beibl. Vierteljahrsschr. naturf. Ges. Zürich 68(1): 1-7. 1923.
- 23.091.** *Betrachtungen über Pflanzenverbreitung ...* Basel (Buchdruckerei Emil Birkhäuser & Cie.) 1923. Oct.
Co-author: Marie Brockmann-Jerosch (b. 1877).
Publ.: 1923, cover-t.p., p. [i, recto of p. 382, title], [382]-404. *Copies:* L, U. – Reprinted and to be cited from Verh. naturf. Ges. Basel 35(1): 382-404. 1923.
- 23.092.** *Die Vegetation der Schweiz ...* Zürich (Verlag von Rascher & Co.) 1925-1929. Oct. (*Veget. Schweiz*).
Publ.: 1: 15 Jan 1925 (date on t.p., Nat. Nov. Mai 1925), cover-t.p., p. [i], [1]-160, Beil. 1-6 (diagr.).
 2: 3 Dec 1927 (date on t.p., Nat. Nov. Feb 1928), cover-t.p., p. [i], 161-288, Beil. 7 (table), col. map. – Bern (Verlag Hans Huber). 1927.
 3: 31 Mar 1928 (date on t.p.), cover-t.p., p. [i], 289-384, col. map. – Bern id.
 4: 1 Mar 1929 (date on t.p., Nat. Nov. Jul 1929), cover-t.p., p. [i], [385]-499. – Bern id.
Copies: L, U. – Issued in series Beitr. geobot. Landesaufnahme as no. 12 (ed. E. Rübel).
Ref.: Gleason, H.A., J. New York Bot. Gard. 30(359): 285-286. Nov 1929 (rev.).
 H.L., Allg. Bot. Z. 28/29: 43(99)-44(100). 1925 (rev. no. 1).
 Wettstein, R., ÖBZ 77(4): 307-308. 1928 (rev. no. 2), 79(3): 286. 1930 (rev. 3-4).
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Publ.: 6 Dec 1928 (in journal), p. [705]-718. *Copy*: L. – Reprinted and to be cited from Beibl. Vierteljahrsschrift naturf. Ges. Zürich 15: 705-718. 1928.

23.094. *Pflanzengeographische Eindrücke von der Hebriden-Insel Lewis ...* Dresden-N. (Verlag von C. Heinrich) 1932. Oct.

Co-author: Marie Brockmann-Jerosch (b. 1877).

Publ.: 1932, cover-t.p., p. [43]-54. *Copy*: U. – Reprinted and to be cited from Beih. Bot. Centralbl. 49, Erg.-Bd.: 43-54. 1932.

23.095. *Die Herkunft Schweizerischer Kulturpflanzen ...* Sonderabdruck aus ... Fedde, Rep. Beih. 1937. Oct.

Publ.: 1937, p. [83]-100, pl. 19-24 (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from Beih. Fedde Repert. spec. nov. 91: 83-100, pl. 19-24. 1937.

Brodthmann, [Carl Johann Albert] Fritz (1872-?), German pharmacist, born at Neusalz a.O. (Liegnitz), educated at The Royal catholic Gymnasium at Gr. Glogau, started dedicating himself to pharmacy 1889 through working at the pharmacy at Freystadt in Schlesien, first examination at Liegnitz 1892, further condition with pharmacies in Hannover-Münden and Berlin 1892-1895, at the University of Breslau Oct 1895 with Pax and Mez, id. at the University of Erlangen 1897-1898, Dr. pharm. Erlangen 1898, ultimately pharmacist at Neusalz a.O. (*Brodthmann*).

HERBARIUM and TYPES: Unknown.

23.096. *Über die Funktion der mechanischen Elemente beim Farnsporangium und bei der Anthere.* Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Friedrich-Alexander-Universität Erlangen vorgelegt ... Erlangen (Kgl. bayer. Hofbuchdruckerei von August Vollrath) 1898. Oct. (*Funkt. Elem. Farnsporangium*).

Publ.: 12 Jul 1898 (date of defense thesis), p. [1]-43, [44]. *Copy*: B.

Broeck, Henry van den (1845-1926), Belgian (Antwerpen born) businessman, sometime commercial correspondent for an American firm, in retirement interested in the flora of Belgium and bryology, correspondent of Jules Cardot. (*Broeck*).

HERBARIUM and TYPES: BR, further material at PC (via Cardot).

NOTE: Mostly alphabetized Van den Broeck, Henry.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 35; BM 1: 21; IH 2: 99; Rehder 1: 532.

BIOFILE: Hennen, J., Rev. bryol. 53(2): 28. 1926 (obit., b. 19 Jul 1845, d. 28 Mar 1926).

23.097. *Catalogue des plantes observées aux environs d'Anvers ...* Gand [Gent] (Imprimerie C. Annoot-Braeckman ...) 1884. Oct.

Publ.: 1884 (fide R. Tournay, Bull. Soc. roy. Bot. Belg. 95(1): 36. 1962), cover, [1, t.p.]-64. *Copy*: L. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 22(Mem.): 112-173. 1883 [1884].

Follow up: 1885 (fide id., read 7 Dec 1884), p. [1]-17. *Copy*: L. – Id. 23(C.R.): 142-158. 1884 [1885].

Broekens, Douwe Johannes (fl. 1925), Dutch geneticist, student of Hugo de Vries at the University of Amsterdam, Dr. phil. Amsterdam 1925. (*Broekens*).

HERBARIUM and TYPES: Unknown.

23.098. *Über den Stammbaum der Onagraceae ...* Academisch proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Universiteit van Amsterdam ... Amsterdam (Drukkerij en Uitgeverij J.H. de Bussy) 1925. Oct. (*Stammbaum Onagrac.*).

Publ.: 13 Mai 1925 (date of defense thesis), p. [i]-viii, [383]-512, theses p. [i-iii]. *Copies*: B, HH, U. – Main part reprinted from *Receuil Trav. bot. Néerl.* 21: 383-512. 1924.

Broekhuizen, S. (fl. 1925-1939), Dutch mycologist and phytopathologist, research assistant with the “Nederlandse Gist- en Spiritusfabriek” at Delft. (*Broekhuizen*).

HERBARIUM and TYPES: Unknown.

23.099. *Mossen en varens ...* Amsterdam (N.V. de Arbeiderspers) 1935. Oct. (*Moss. varens*). *Publ.*: 1935 (p. 5: preface Nov 1935), p. [1], frontisp., [3]-94, 25 phot. and 1 drawing. *Copies*: L, U.

Broeksmit, Teunis (1855-1946), Dutch physician at Rotterdam, Dr. med. 1891, bryologist and collector of Myxomycetes at Zeist (Netherlands). (*Broeksmit*).

HERBARIUM and TYPES: L (Bryol., Myxomyc.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 256; IH 2: 99; JW 4: 379.

BIOFILE: Steenis-Kruseman, M.V. van, *Blumea* 25(1): 48. 1979 (Myxomycetes at L).
Touw, A., *Blumea* 25(1): 97. 1979 (bryological herb. at L).

23.100. *Een en ander over Myxomyceten ...* Wageningen (H. Veenman & Zonen) 1923. Oct. *Publ.*: Oct 1923 (in journal), cover-t.p., p. [76]-83. *Copies*: B, L. – Reprinted and to be cited from *Meded. Ned. mycol. Ver.* 13: 76-83. 1923.

23.101. *De Myxomyceten in 1922 en 1923 ...* Amsterdam (Drukkerij en Uitgeverij J.H. de Bussy) 1924. Oct.

Publ.: 30 Sep 1924 (in journal), cover-t.p., p. [1]-8, table [4 p.]. *Copy*: L. – Reprinted and to be cited from *Ned. kruidk. Arch.* 33: 315-327 (table included). 1924.

23.102. *Verzamelen en bewaren van Myxomyceten ...* Overgedrukt uit het Nederlandsch Kruidkundig Archief ... 1925. Oct.

Publ.: 31 Mai 1925 (in journal), p. [134]-137. *Copy*: L. – Reprinted and to be cited from *Ned. kruidk. Arch.* 34: 134-137. 1925.

23.103. *Lophozia lycopodioides* (Wallr.) Cogn. ... Overgedrukt uit het Nederlandsch Kruidkundig Archief ... 1926. Oct.

Publ.: 31 Aug 1926 (in journal, mss. submitted 14 Sep 1925), p. [92]-96. *Copies*: L, U. – Reprinted and to be cited from *Ned. kruidk. Arch.* 35: 92-96. 1926.

23.104. *Les Hépatiques de Ténériffe ...* [Ann. Bryol. ... 1928]. Oct.

Publ.: 1928, p. [1]-4. *Copy*: L. – Reprinted and to be cited from *Ann. Bryol.* 1: 13-16. 1928.

23.105. *Een en ander over het geslacht Madotheca ...* Overgedrukt uit het Nederlandsch Kruidkundig Archief ... 1929. Oct.

Publ.: 30 Jan 1929 (in journal), p. [97]-102. *Copy*: L. – Reprinted and to be cited from *Ned. kruidk. Arch.* 39(1): 97-102. 1929.

Broers, Georg (fl. 1833), Dutch physician, studied at the University of Utrecht, Dr. phil. ib. 1833. Oct. (*Broers*).

HERBARIUM and TYPES: L.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 253; IH 2: 99; PR 1160; Rehder 1: 107.

23.106. *Responsio ad quaestionem botanicam ab ordine nob. et phil. nat. in Academia Rheno-Trajectina propositam*: “Quaeritur: quid botanici de variis plantarum gemmis atque

de gemmatione universa observarint et quid complures eorum, rationibus teleologicis innixi, hac de re docuerint ... D. xxvi M. Martii a. mdcccxxxiii ... [Traiecti ad Rhenum (apud Ioannem Altheer, ...)] 1833. Oct. (*Resp. quaest. bot.*).
Publ.: 26 Mar 1833, p. [1]-151. *Copy*: NSUB. – Also included in *Ann. Acad. Rheno-Traiect. 1832-1833* [1835].

Brokschmidt, [Philipp August] Otto (1878-?), German pharmacist, born in Detmold, educated at the Gymnasium Leopoldinum in Detmold, studied at a pharmacy in Hildesheim 1894-1897, first pharmaceutical examination Sep 1897, further pharmaceutical training 1897-1900, final pharmacy study at the University of Erlangen 1901-1902, state pharmaceutical examination in Erlangen Mai 1902, further study at the University of Erlangen 1902-1904, Dr. phil. ib. 1904. (*Brokschmidt*).

HERBARIUM and TYPES: Unknown.

23.107. *Morphologische, anatomische und biologische Untersuchungen über Hottonia palustris*. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der kgl. bayer. Friedrich-Alexander-Universität Erlangen ... Erlangen (Druck der Universitäts-Buchdruckerei von E. Th. Jacob) 1904. Oct. (*Morph. Unters. Hottonia*).
Publ.: 1904, p. [i-iv], [1]-52, [53, curr. vit.]. *Copies*: G, NSUB.

***Brondeau, Louis de** [scientific name], **Antoine-Louis-Georges Jegun de Marans** (official name), (1794-1859), French cryptogamist, born at Agen (Lot-et-Garonne), classical education at Agen, being of independent means dedicating himself to cryptogamy at Agen, later at Raignac, kept up narrow contact with Saint-Amans, Persoon, etc. (*Brond.*).

HERBARIUM and TYPES: TL (via Jean Baptist Noulet, see TL-2/3: 778), further material at PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: (under Jegun) 249 (d. 24 Dec 1859, Raignac); BM 1: 254; CSP 1: 664; GR p. 269 (main source); IH 2: 99; Kew 1: 383; LS 4112-4136a; NAF 1(1): 155; NI 241; PR 1164-1165; Rehder 2: 136; SBC p. 117; Stevenson p. 1237; TL-2/1: 351-352 and see indexes.

BIOFILE: Debeaux, O., *Rev. bot. Bull. mens. Soc. franç. Bot.* 13: 6. 1895 (d. 11 Dec 1859 [see Barnhart, other date]).

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 498. 1878.

Quélet, L., *Description des nouvelles espèces de champignons de Luis de Brondeau* (Stevenson Libr.), see also *Rev. mycol.* 14: 64-67, 96. 1892.

Raab, H., *Schweiz. Z. Pilzk.* 51(4): 55, 58. 1973.

Roumeguère, C., *Rev. mycol.* 14: 59-64. 1892 (list of publ., aquarelles, corr., herb.).

23.108. *Sur deux nouvelles espèces de champignons, découvertes et dessinées ...* [Mém. Soc. Linn. Paris ... 1825]. Oct.

Publ.: 1825, p. [74]-78, pl. 3 (uncol. copp. engr.). *Copy*: L (ex journal). – Published in *Mém. Soc. Linn. Paris* 3: 74-78, pl. 3. 1825 (pl. 3 dated 1824).

23.109. *Observations sur l'Agaricus de Hudson ...* [Mém. Soc. Linn. Paris ... 1827]. Oct.

Publ.: 1827, p. [413]-417, pl. 6 (uncol. copp. engr.). *Copy*: L (ex journal). – Published in *Mém. Soc. Linn. Paris* 5: 413-417, pl. 6. 1827.

23.110. *Note sur le Merulius*, Brond. *Rec. Plant. crypt. Agen*, pl. 2. *Cantharellus cucullatus* Dub. ... [Actes Soc. Linn. Bordeaux ... 1845]. Oct.

Publ.: 1845, p. 121-123. *Copy*: L (ex journal). – Published in *Actes Soc. Linn. Bordeaux* 14: 121-123. 1845.

23.111. *Examen microscopique de deux cryptogames de la France ...* [Actes Soc. Linn. Bordeaux ... 1851]. Oct.

Publ.: 1851, p. 293-304, 3 pl., 382. *Copy*: L (in journal). – Published in Actes Soc. Linn. Bordeaux 17: 293-304, 3 pl., 382. 1851. – Text p. 382: “xvi. Note additionnelle au Mémoire ci-dessus, de M. de Brondeau (30 Novembre 1851).”

***Brongniart, Adolphe Théodore** (1801-1876), French botanist and palaeobotanist, son of Alexandre Brongniart, trained by his father, studied medicine at the University of Paris, graduating 1816, idem botany 1819, dedicating himself to the general theory of plant sexuality and taxonomic botany, professor at the Muséum d'Histoire naturelle 1833, succeeding Desfontaines, member of the Académie des Sciences, Paris 1834, leading French plant taxonomist of the 19-th century. (*Brongn.*).

HERBARIUM and TYPES: P, PC (4000, orig.). – Further material in FI, H (8 specimens), PH.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 706; Ainsworth p. 28, 301; Andrews ed. 2, p. 242; Backer p. 84; Barnhart 1: 256 (b. 11 Jan 1801, d. 18 Feb 1876); BM 1: 254-255, 6: 143; Bossert p. 54; CSP 1: 645-648, 6: 607, 7: 272-273, 9: 364, 12: 124, 13: 833; Dawson p. 154; DBF 7: 418-419; De Toni 1: xvii; DSB 2: 491-493 (main source; J.F. Leroy); Frank 3(Anh.): 15; Hegi 4(3): 1386; Hortus 3: 1189; HR; IF p. 684; IH 2: 99; Jackson p. 527 (index); Kew 1: 383; KR p. 104; Langman p. 163; Lasègue p. 565 (index); LS 4137-4140; Moebius p. 448 (index); Morren ed. 2, p. 20; MW p. 54; NI 242-243, Nachtr. p. 23; PR 1026, 1166-1176, 1214, ed. 1: 1313-1325; Quenstedt p. 60; Rehder 5(index): 124-125; RS p. 76; Saccardo 1: 39; SBC p. 117; SK 4: 47, 49; Stevenson p. 1237; TL-1: 52-53; TL-2/1: 352-355 and see indexes; Tucker 1: 114; Zander ed. 10, p. 640, ed. 11, p. 728.

BIOFILE: Anon., Flora 30(1): 147. 1847 (president Acad. Sci. Paris); Bull. Soc. bot. France 23(Bibl.): 192. 1876 (sale library B. Dec 1876 at 32.000 francs); Bot. Zeit. 34(10): 160. 1876 (obit. not.), 766. 1 Dec 1876 (sale library, catalogue of 230 p. 2480 nos.); Nat. Nov. 12: 135. 1879 (Van Tieghem succeeds B. at the “Muséum”).

Barnhart, J.H., *Bartonia* 16: 22. 1935 (corr. Schweinitz).

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Duchartre, P. et al., *Discours ... 21 Feb 1876 ... Adolphe Brongniart. Paris 1876 (bibl.); Bull. Soc. bot. France* 23(1): 60-82. 1876 (orations at funeral).

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Launay, L. de, *Une grande famille de savants, Les Brongniarts* 155-167, 200-208. 1940.

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Maiden, J.H., *J. Roy. Soc. New S. Wales* 44: 141, 143, pl. 10. 1910 (portr.).

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Reynolds Green, J., *Hist. Bot.* 510. 1909.

Rodgers, A.D., *Amer. bot.* 164, 190, 192, 194. 1944.

Sachs, J., *Gesch. Bot.* 158, 347, 467, 471. 1875; *Hist. bot.* 193, 333, 451. 1892.

Saporta, G. de, *Bull. Soc. géol. France* 4: 373-407. 1876 (bibl.).

- Sarton, G., *Isis* 14: 417-419 (no. 49). 1930 (portr., medals).
 Schmid, G., *Chamisso als Naturforscher* no. 391. 1942.
 Stafleu, F.A., *Taxon* 15(8): 320-324. 1966 (general introd., notes on *Hist. Vég. foss.*).
 Stieber, M.T. et al., *Huntia* 4(1): 65-66. 1981 (13 letters B. at HU).
 Sundell, E., *Taxon* 33(4): 614-618. Nov 1984 (A.T.B's interpretation of the milkweed flower).
 Trimen, H., *J. Bot.* 14: 94-96. 1876.
 Vucinich, A., *Darwin in Russian thought* 124. 1989.
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 Wittrock, V.B., *Acta Horti Berg.* 3(2): 110. 1903, 3(3): 98. 1905 (portr.).
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COMPOSITE WORKS: (1)-(5) see TL-2/1: 352-353.

NOTE: *Histoire des végétaux fossiles* (1828-1837), TL-2/800, facsimile edition (2) Amsterdam (Asher & Co.). 1965 (not "1915").

23.II2. *Sur la classification et al distribution des végétaux fossiles ...* Paris (Imprimerie de H. Belin) 1822. Qu.

Publ.: 1822, p. [1]-91, *pl. 1-6* (uncol. liths.). *Copy*: G. – Reprinted and to be cited from *Mém. Mus. Hist. nat.*, Paris 8: 203-240, 297-348. 1822.

Abstracts: in *Bull. Soc. philom. Paris* 1822: 25-28 and *Frorieps Notizen* 2(19): col. 289-292. Jun 1822 ("Über die Classification und Vertheilung der fossilen Vegetabilien ..."). – CSP 1: 645.

23.II3. *Observations sur les végétaux fossiles renfermés dans les grès de Hoer en Scanie ...* Paris (Chez Béchét, jeune, ...) 1825. Oct.

Publ.: Feb 1825 (read Jan 1824, text publ. in journal issue for Feb 1825), p. [1]-24, *pl. 11-12* (uncol.). *Copy*: G. – Reprinted and to be cited from *Ann. Sci. nat.* 4: 200-224, *pl. 11-12*. 1825.

Abstract: *Bull. Soc. philom. Paris* 1824: 166-168.

23.II4. *Essai d'une classification naturelle des champignons, ou Tableau méthodique des genres rapportés jusqu'à présent à cette famille, ...* Paris (Chez F.G. Levrault ...) 1825. Oct. (*Essai classif. champignons*).

Publ.: 1825, p. [1]-99, *pl. 1-8* (uncol. copper engr. by Turpin). *Copies*: BKL, G; IDC 6251/2. – Extract of Vol. 35 of the "Dictionnaire des sciences naturelles".

23.II5. *Mémoire sur la famille des Rhamnées, ou histoire naturelle et médicale des genres qui composent ce groupe de plantes ...* A Paris (De l'imprimerie de Didot le Jeune ...) 1826. Qu. (*Mém. fam. Rhamnées*).

Publ.: Jul 1826 (date on t.p.), p. [i]-viii, [9]-78, *pl. 1-6* (uncol.). *Copies*: G, L, MO; IDC 44/2. – Reprinted from *Ann. Sci. nat.* 10: 320-386. Mar-Apr 1827.

23.II6. *Mémoire sur la famille des Bruniacées ...* Extrait des Annales des Sciences naturelles, ... à Paris (Chez Crochard, ...) 1826. Oct.

Publ.: Aug 1826 (date on cover-t.p. and on p. 1), cover-t.p., p. [1]-32, *pl. 35-36* (uncol.). *Copy*: L. – Reprinted and to be cited from *Ann. Sci. nat.* 8: 357-410, *pl. 35-38*. 1826.

23.II7. *Competitio ad aggregationem jussu regis optimi et ex mandato summi Gallicae universitatis magistri, instituta anno 1823. An diversae variorum entium organicorum facultates ab organismi differentia pendent? Theses quam, Deo favente, in saluberrimâ Facultate medicâ Parisiensi, praesentibus judicibus, publicis competitorum disputationibus subjiciet et dilucidare conabitur, die 21 mensis maii 1827, Ad Brongniart, ... Parisiis (ex Typographia C. Thuau, ...) 1827. Qu. (*Divers. var. entium organ.*).*

Publ.: 21 Mai 1827 (date of defense thesis), p. [1]-40. *Copy*: MO.

23.I18. *Mémoire sur la génération et le développement de l'embryon dans les végétaux phanérogames ...* Paris (Imprimerie de C. Thuau, ...) 1827. Oct.

Publ.: Text. Sep-Nov 1827 (read 26 Dec 1826), p. [i], [1]-143, *pl.* 34-44 (uncol. liths.) *Copy*: BKL. – Reprinted and to be cited from *Ann. Sci. nat.* 12(1): 14-53. Sep, (2): 145-172. Oct, (3): 225-296, *pl.* 34-44. Nov 1827. – *Extract*: *Bull. Soc. philom.* Paris 1826: 170-175.

Atlas only: cover-t.p., *pl.* 34-44 (uncol. liths.). *Copy*: G.

German version: in R. Brown, *Verm. bot. Schr.* [TL-2/833] 4: 167-326, *pl.* 1-3.

Note: Text submitted to Académie des Sciences 26 Nov 1826, *price Physiol. expér. fondé par M. de Monthyon.*

Extract by M. Dupont, *Ann. Soc. Hort.* Paris Livr. 13, 16 p. (reprint, p. [1]-16, at G).

23.I19. *Considérations générales sur la nature de la végétation qui couvrait la surface de la terre aux diverses périodes de la formation de son écorce ...* Paris (Crochard, Libraire-éditeur ...) 1828. Oct.

Publ.: Nov 1828 (date on cover-t.p., read “le décembre 1828”, probably 1827), cover-t.p., p. [1]-34. *Copy*: G. – Reprinted and to be cited from *Ann. Sci. nat.* 15: 225-258. 1828. – Further publication in *Edinburgh new Philos. J.* 6: 349-371. 1829, *Frorieps Notizen* 23: col. 97-104. 1829, *Ann. Phys. Chem., J.C. Poggendorff* 15: 385-414. 1829.

23.I20. *Nouvelles recherches sur le pollen et les granules spermatiques des végétaux ...* Extrait des *Annales des Sciences naturelles ...* 1828. Oct.

Publ.: Dec 1828 (in journal; text read 23 Jun 1828), p. [i, cover identif. “Paris 1828”], [1]-19, [20, expl. pl.], *pl.* 13-14 (uncol. liths.). *Copy*: G. – On p. [20]: “Imprimerie de C. Thuau, ...” [Paris]. – Reprinted and to be cited from *Ann. Sci. nat.* 15: 435-460. 1828.

23.I21. *Recherches sur l'organisation des tiges des Cycadées ...* Extrait des *Annales des Sciences naturelles ...* 1829. Oct.

Publ.: Apr 1829 (in journal), cover (identif.), p. [1]-15, *pl.* 20 (col. lith.), 21-22 (uncol. liths.). *Copy*: G. – Reprinted and to be cited from *Ann. Sci. nat.* 16: 389-402, *pl.* 20-22. 1829. – Imprint on p. (15) “Imprimerie de C. Thuau, ...”.

23.I22. *Description des deux nouveaux genres *Becquerelia* et *Pleurostachys* de la famille des Cypéracées ...* [Extrait des *Annales des Sciences naturelles ...* 1833]. Qu.

Publ.: Apr 1833 (date on p. 11), p. [1]-11. *Copy*: NY. – Reprinted and to be cited from *Ann. Sci. nat.* 28: 419-428. 1833. – See *ING* 1: 187 and 3: 1371. 1979.

23.I23. *Nouvelles recherches sur la structure de l'épiderme des végétaux ...* [Extrait des *Ann. Sci. nat. ...* 1834]. Oct.

Publ.: Feb 1834 (in journal), p. [1]-8, *pl.* 2-3 (uncol. liths.). *Copy*: NY. – Reprinted and to be cited from *Ann. Sci. nat., Bot., ser. 2.* 1: 65-71, *pl.* 2-3. 1834.

23.I24. *Note sur le *Colocasia odora* et sur l'élévation de température de ses fleurs ...* Extrait des *Nouvelles Annales du Muséum d'Histoire naturelle ...* 1834. Oct.

Publ.: 1834, p. [1]-15, [16], 1 *pl.* (no. 7). *Copy*: G. – Reprinted and to be cited from *Nouv. Ann. Mus. Hist. nat.* 3: 145-160. 1834.

23.I25. *Considérations sur la nature des végétaux qui ont couvert la surface de la terre aux diverses époques de sa formation, ...* Paris (Typographie de Firmin Didot frères, ...) 1838. Qu. (*Consid. nat. végét.*).

Publ.: 1838 (read 11 Sep 1837), cover-t.p., p. [1]-28. *Copies*: G, NY, WU. – *Mém. Acad. Sci., Paris* 16: 397-425. 1838.

Precursor extract: C.R. hebdom. Séances Acad. Sci. Paris 5: 403-415. 1837.

Further publ.: *Frorieps Notizen* 5: col. 113-118, 129-134. 1838, *Amer. J. Sci., Silliman* 34: 315-329. 1838.

Ref.: Schlechtendal, D.F.L. von, *Linnaea* 23(Litt.): 181-182. 1840.

- 23.126.** *Énumération des genres de plantes cultivés au Muséum d'Histoire naturelle de Paris suivant l'ordre établi dans l'école de botanique en 1843 ...* Paris (Fortin, Masson et Cie, ... même Maison, chez L. Michelsen, à Leipzig) 1843. Duod. (*Énum. gener. pl.*).
Publ.: Ed. 1: 1843, p. [i]-xxxii, [1]-136. *Copies*: B, L, NY, USDA.
 Ed. 2: 1850, p. [1]-237. *Copy*: US. – “Deuxième édition, revue et augmentée. Paris (J.-B. Baillière, ...), Londres (chez H. Baillière, ...), à Madrid (chez Bailly-Baillière, ...) à New York (chez H. Baillière). – Imprimerie de L. Martinet.
Ref.: Schlechtendal, D.F.L. von, *Bot. Zeit.* 2(22): 389-394. 31 Mai 1844 (detailed rev.), 9(22): 398-403. 30 Mai 1851 (rev. ed. 2).
- 23.127.** *Examen de quelques cas de monstruosités végétales, propres à éclairer la structure du pistil et l'origine des ovules ...* [Paris (Arch. Mus. Hist. Nat.) 1844]. Qu.
Publ.: 1844, p. [43]-63, *pl.* 4-5 (uncol.). *Copy*: G. – Reprinted and to be cited from Arch. Mus. Hist. nat. 4: 43-63, *pl.* 4-5. 1844.
Further published in: C.R. hebd. Séances Acad. Sci., Paris 18: 513-523. 1844, Ann. nat. Hist. 13: 994-998. 1844 (extract), Ann. Sci. nat., Bot., ser. 3. 2: 20-32. 1844, *Frorieps Notizen* 31: col. 49-54. 1844.
- 23.128.** *Note sur une nouveau genre de Cycadées du Mexique ...* Extrait des Annales des Sciences naturelles ... 1846. Oct.
Publ.: Jan 1846 (in journal), p. [5]-9, *pl.* 1. *Copies*: G, L. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 3. 5: 5-9. 1846. – Deals with *Ceratozamia*, see ING 1: 321. 1979
- 23.129.** *Mémoire sur les relations du genre Noggerathia avec les plantes vivantes, ...* Extrait des Comptes rendus des séances de l'Académie des Sciences ... [1846]. Qu.
Publ.: early Jan 1846 (read at Acad. Sci. 29 Dec 1845), p. [1]-10. *Copy*: G. – Reprinted and to be cited from C.R. hebd. Séances Acad. Sci., Paris 21: 1392-1401. 1846. – Also in Ann. nat. Hist. 17: 100-108. 1846, and Ann. Sci. nat., Bot., ser. 3. 5: 50-61. 1846.
Note: The spelling of the name of this genus is *Noeggerathia* Sternberg (1821), see ING 2: 1181. 1979.
- 23.130.** *Tableau des genres de végétaux fossiles ...* Paris (L. Martinet) 1849. Qu. (*Tabl. vég. foss.*).
Publ. (*Original french publication*): 1849, see TL-2/802, q.v.
German translation: 1850, cover-t.p., p. [i]-iv, [1]-90. *Copy*: B. – “*Chronologische Uebersicht der Vegetations-Perioden und der verschiedenen Floren, in ihrer Nacheinanderfolge auf der Erdoberfläche von Adolphe Brongniart.* Aus dem Französischen von Dr. Karl Müller [Johann Karl August Friedrich Wilhelm Müller (1818-1899), see TL-2/3: 644-649].
Ref.: Ward, L.E., *Ann. Rep. U.S. Geol. Survey* 5: 421-422. 1885.
- 23.131.** *Note sur le genre Uropedium, ...* Extrait des Annales des Sciences naturelles ... 1850. Oct.
Publ.: Feb 1850 (in journal), p. [1]-6, *pl.* 2 (uncol. lith. auct.). *Copies*: MO (tear sheet) WU (reprint). – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 3. 13: 113-118, *pl.* 2. 1850.
- 23.132.** *Description d'un nouveau genre de Graminées du Brésil ...* Extrait des Annales des Sciences naturelles ... 1851. Oct.
Publ.: Dec 1851 (in journal), p. [1]-5, *pl.* 23. *Copy*: G. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 3. 16(6): 368-372, *pl.* 23. 1851. – *Anomochloa* 1851, see ING 1: 96. 1979.
- 23.133.** *Mémoire sur les glandes nectarifères de l'ovaire dans diverses familles des plantes monocotylédones, ...* Extrait des Annales des Sciences naturelles ... [1854]. Oct.
Publ.: Jul 1854 (in journal, read 28 Jun 1854), p. [1]-19, *pl.* 1-4 (uncol. liths.). *Copy*: G. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 4. 2(1): 5-24, *pl.* 1-4. 1854.

23.134. *Notice sur les Saxifragées-Cunoniées de la Nouvelle-Calédonie ...* Extrait de la Société botanique de France ... 1862. Oct.

Co-author: Jean Antoine Arthur Gris (1829-1872).

Publ.: Jun 1862 (fide Leussink, *Taxon* 34(4): 587. 1985; read 14 Feb 1862, rd. by Bull. Soc. bot. France 14 Nov 1862), p. [1]-12. *Copy:* G. – Reprinted and to be cited from Bull. Soc. bot. France 9(2): 67-78. 1862.

23.135. *Note sur un nouveau genre de la famille des Broméliacées ...* Extrait des Annales des Sciences naturelles ... 1864. Oct.

Publ.: Jun 1864 (in journal), p. [1]-5, pl. 23. *Copy:* G. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 5. 1(6): 325-329, pl. 23. 1864. – *Pogospermum* Ad. Brongniart, see ING 3: 1383. 1979.

23.136. *Considérations sur la flore de la Nouvelle-Calédonie ...* Académie des Sciences [Paris] (Extrait des Comptes Rendus des Séances de l'Académie des Sciences ...) 1865. Qu.

Publ.: Apr 1865 (read 3 Apr 1865; Bull. Soc. bot. France rd. 21 Apr 1865, rev. in Jul-Aug 1865), p. [1]-9. *Copies:* G, MO. – Reprinted and to be cited from C.R. hebdom. Séances Acad. Sci. Paris 60: 641-649. 1865. – Text also in Ann. Sci. nat., Bot., ser. 5, 3: 187-196. 1865, note in Bull. Soc. bot. France 12: 105. 1865.

Ref.: Anon., Bull. Soc. bot. France 12(Bibl.): 105-106. Jul-Aug 1865 (rev.).

23.137. Recueil de Rapport sur l'état des lettres et les progrès des sciences en France. *Rapport sur le progrès de la botanique phytographique ...* Paris (... A l'Imprimerie impériale) 1868. Oct. (*Rapp. progr. bot. phytogr.*).

Publ.: 1868 (Bot. Zeit. 10 Jan 1869, Flora 24 Feb 1869), p. [i-iii], [1]-216. *Copies:* G, MO, U.

Ref.: Anon., Bull. Soc. bot. France 15(Bibl.): 145-147. Jan 1869 (rev.).

23.138. *Description de quelques plantes remarquables de la Nouvelle-Calédonie ...* Paris (Librairie des Sciences naturelles ...) [1868]. Qu.

Co-author: Jean Antoine Arthur Gris (1829-1872).

Publ.: 1868, p. [1]-48, pl. 1-15 (uncol. liths.). *Copies:* B, MO. – Reprinted and to be cited from Nouv. Arch. Mus. Hist. nat. 4: 1-48. 1868.

Suite: 1871, p. [203]-232, pl. 13, pl. 14-18. *Copies:* B, MO. – Id. 7: 203-235, pl. 13-18 (uncol.). 1868.

Ref.: Anon., Bull. Soc. bot. France 15(Bibl.): 197-198. Feb 1869 (rev.).

Wilson, P.G., *Taxon* 34: 285. 1985 (types).

23.139. *Fragments d'une flore de la Nouvelle-Calédonie* ou observations sur diverses plantes de cette contrée ... Paris (Librairie de G. Masson ...) 1871. Oct.

Co-author: Jean Antoine Arthur Gris (1829-1872).

Publ.: 1871, cover-t.p., p. [i-ii], [1]-65, [66]. *Copy:* L. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 5. 13: 340-404. 1871.

Note: The title in the journal is without "Fragments d'une flore de la Nouvelle-Calédonie ou", whereas p. ii reads: "Extrait des Annales des Sciences naturelles 5^e série, Botanique, T. xiv" [sic].

23.140. *Notice sur les Palmiers de la Nouvelle-Calédonie ...* Académie des Sciences (Extrait des Comptes rendus des séances de l'Académie des Sciences ...) 1873. Qu.

Publ.: 1873 (read 11 Aug 1873), p. [1]-7. *Copy:* G. – Reprinted and to be cited from C.R. hebdom. Séances Acad. Sci. Paris 77: 396-402. 1873.

23.141. *Études sur les graines fossiles* trouvées à l'état silicifié dans le terrain houiller de Saint-Étienne ... Extrait des Annales des Sciences naturelles botanique ... [1874]. Oct.

Publ.: Oct 1874 (in journal), p. [1]-32, pl. 21-23 (uncol. liths. Pierre). *Copy:* G. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 5. 20(4): 234-266, pl. 21-23. 1874.

Precursor: 1874 (read 10 Aug 1874), p. [1]-20. *Copy*: G. – Reprinted and to be cited from C.R. hebd. Séances Acad. Sci. Paris 79: 343-351, 427-435, 497-501. 1874.

Note: Anon., Bull. Soc. bot. France 21: 222. 1874.

23.142. *Observations sur les Pandanées de la Nouvelle Calédonie ...* Extrait des Comptes Rendus des Séances de l'Académie des Sciences ... 1875. Oct.

Publ.: 1875, p. [1]-7. *Copy*: G. – Reprinted and to be cited from C.R. hebd. Séances Acad. Sci. Paris 80: 1192-1198. 1875. – Note in Bull. Soc. bot. France 22: 76. 1875.

Complete text: Mai 1875 (in journal), p. [1]-32, *pl. 14-15* (uncol. liths. Ch. Cuisin). *Copies*: G, L. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 6. 1: 262-293. 1875.

23.143. *Recherches sur les graines fossiles silicifiées ...* précédées d'une notice sur ses travaux par J.-B. Dumas ... Paris (Imprimerie nationale) 1881. Qu. (*Rech. grain. foss. silic.*).

Author of notice on Brongniart: Jean Baptiste André Dumas (1800-1884).

Publ.: Jan-Mar 1881 (reviewed med. Apr 1881 in Bull. Soc. bot. France, id. Bot. Jahrb. 1 (5 Apr 1884), Bot. Centralbl. Mar/Apr 1881), p. [i-iii], frontisp. portr., [v]-xiv, [1]-93, *pl. 1-21* (col. liths. Ch. Cuisin), and *A-C* (uncol. liths. auct.). *Copy*: U.

Ref.: Anon., Bull. Soc. bot. France 27(Bibl.): 145-146. med. Apr 1881 (rev.).

N.L., Bot. Zeit. 39: 67. 28 Jan 1881.

***Bronn, Heinrich Georg** (1800-1862), German palaeontologist, born in Ziegelhausen near Heidelberg, studied at the University of Heidelberg, Dr. phil. ib. 1822, Privatdocent ib. 1822, extraordinary professor 1833, regular professor of zoology and general biological sciences 1838, director of the Heidelberg Zoological Museum, member of Leopoldina 1832 ("Esper"), died 5 Jul 1862 at Heidelberg. (*Bronn*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 355; Andrews p. 243; Barnhart 1: 257 (b. 3 Mar 1800, d. 5 Jul 1862); BM 1: 256-257, 6: 143; CSP 1: 650-652, 7: 273, 9: 365; De Toni 2: xvi; DSB 2: 497-498; GR p. 67; Jackson p. 177, 186; Kew 1: 384; NDB; PR 1177-1180, ed. 1: 1326-1329; Quenstedt p. 61; Ratzeburg p. 85-87; Rehder 2: 320, 4: 255; TL-2/1: 355-357 and see indexes.

BIOFILE: Anon., Bonplandia 3: 30. 1855 (cogn. in Leopoldina "Esper"); Amer. J. Sci., ser. 2. 34: 304. 1862.

Breure, A.S.H. and J.G. de Bruijn, eds., Leven en werken van J.G.S. van Breda 21, 211, 408, 415. 1979.

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Vucinich, A., Darwin in Russian thought 15, 17, 43, 124. 1989.

Ward, L.F., Ann. Rep. U.S. Geol. Survey 5: 420-421. 1885.

Weech, F. von, Badische Biogr. 1: 132.

Zittel, K.A. von, Jb. geol. Reichsanst. Wien 12(Verh.): 262-264. 1861/62; Gesch. Geol. Paläont. 847 (index). 1899.

COMPOSITE WORKS: (1) H.G. Bronn, *Gedrängte Anleitung zum Sammeln, Zubereiten u. Verpacken von Thieren, Pflanzen und Mineralien für naturhistorische Museen*, Heidelberg 1838, 96 p. – See e.g. *Linnaea* 12(Litt.): 132-133. Mar 1839 (by D.F.L. von Schlechtendal). (2) Hartung, Georg, *Die Azoren, in ihrer äusseren Erscheinung und nach ihrer geognostischen Natur geschildert, mit Beschreibung der fossilen Reste von Professor H.G. Bronn. Nebst einem Atlas ...* Leipzig 1860, Verlag von W. Engelmann (Rev. by C. Bolle, *Bonplandia* 8: 212-213. 1860; H-1, *Bot. Zeit.* 18(20): 102. 18 Mai 1860).

23.144. *De formis plantarum leguminosarum primitivis et derivatis ... Heidelbergae* (sumtibus Caroli Groos, Biobliop. Academ.) 1822. Oct. (*Form. pl. legumin.*).

Publ.: 1822, p. [1]-126, 127-128 (= folded table), 129-140, [1, err.]. *Copies*: G, MO, NY.

Note (1): Rupert Barneby: "for the 'unavoidable supplementary volume' of *Tax. Lit.* would you consider adding to Bronn, H.G. his *De formis plantarum leguminosarum* etc. 1822, Pritzel 1177. This was a remarkable paper for a boy aged 22." (24 Jun 1978) [With this done, F.A.S.]. – Dissertation.

Note (2): See e.g. BM 1: 256-257 for a list of Bronn's books (mostly zoological).

23.145. *Morphologische Studien über die Gestaltungs-Gesetze der Naturkörper überhaupt und der organischen insbesondere. Gebildeten Freunden allgemeiner Einblicke in die Schöpfungs-Pläne der Natur gewidmet. Rerum cognoscere causas ...* Leipzig und Heidelberg (E.F. Winter'sche Verlagsbuchhandlung) 1858. Oct. (*Morph. Stud. Gestalt.-Gesetze*).

Publ.: 1858 (p. vi signed Apr 1858), cover-t.p., p. [i]-x, [1]-481. *Copy*: U. – See also his *Entwicklung organischer Schöpfung*, Stuttgart 1858 (see *Flora* 41: 706. 1858),

23.146. *Untersuchungen über die Entwicklungs-Gesetze der organischen Welt während der Bildungs-Zeit unserer Erd-Oberfläche. Eine von der Französischen Akademie im Jahre 1857 gekrönte Preisschrift mit ihrer Erlaubniss Deutsch herausgegeben, ...* Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung und Druckerei) 1858. Oct. (*Entwickl.-Gesetze*).

Publ.: 1858, p. [i]-x, [1]-502, [6 p. advert.]. *Copy*: U.

Brooks, Cecil Joslin (1875-1953), British metallurgical chemist in the employ of the gold-exploitation of the Borneo Co. Ltd. in Sarawak 1900-1910, at the goldmine Simau in Benkoelen, S.W. Sumatra 1912-1923. (*Brooks*).

HERBARIUM and TYPES: BM (3000 nos. collected by himself and 200 by other collectors, see SK 5: cclxv), L.

BIBLIOGRAPHY and BIOGRAPHY: IF suppl. 2: 34; IH 2: 99; SK 1: 82, 4: cxxxiv, 5: cclxv; Urban-Berl. p. 39.

23.147. *The ferns of Mount Penrissen ...* Sarawak Museum Journal ... 1912. Oct.

Publ.: 1912, p. [40]-52. *Copy*: L. – Reprinted and to be cited from *Sarawak Mus. J.* 2: 40-52. 1912.

Brooks, Frederick Tom (1882-1952), British botanist, studied at Emmanuel College Cambridge 1902, senior demonstrator at the University of Cambridge, university lecturer in botany ib., for one year (1913-1914) with the Department of Agriculture of the Federated Malay States, on military duty 1914-1917, plant pathologist at the Food Production Department 1917-1919, reader in botany at Cambridge 1919, reader in mycology 1931, professor of botany ib. succeeding A.C. Seward 1936 (*F.T. Brooks*).

HERBARIUM and TYPES: CGE (fungi), K (mainly fungi).

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 99; Kew 1: 385; LS 31.618-31.626; LS suppl. 3863-3865.

BIOFILE: Anon., Kew Bull. 1913(9): 358 (to Malay States for one year, 1914), 1936(5): 336 (chair bot. Cambridge); Nature 128: 1012, 1931 (b. 17 Dec 1882).

Bisby, G.R., Trans. Brit. mycol. Soc., Fifty year index 9. 1952 (list publ.).

Burkill, I.H., Gard. Bull. Straits Settlement. 4(4/5): 118. 1927.

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Ramsbottom, J., Trans. Brit. mycol. Soc. 30(1): 10, 13. 1948 (pres. Brit. mycol. Soc. 1922).

23.148. *Observations on Fusicladium saliciperdatum ...* from The New Phytologist ... 1935. Oct. Publ.: 21 Feb 1935 (in journal), p. [64]-67. Copy: L. – Reprinted and to be cited from New Phytologist 34(1): 64-67. 1935.

Brooks, Maurice Graham (1900-x), American botanist, studied at West Virginia University, A.B. 1923, M.S. 1935, assistant leader St. 4...H Club 1923-1926, at Upshur College and High School assistant principal 1926-1933, instructor in biology 1935. (*M.G. Brooks*).

HERBARIUM and TYPES: WVA (1000).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 258 (b. 16 Jun 1900, French Creek, W.Va.); IH 2: 99; Kew 1: 386.

23.149. *The Pteridophytes of West Virginia ...* West Virginia University Bulletin ... 1938. Oct. Co-author: Abraham Stanley Margolin (fl. 1938).

Publ.: Aug 1938 (in journal), cover-t.p., p. [1]-60, pl. 1-16 (uncol. liths. by A.S. Margolin).

Copy: U. – Reprinted and to be cited from W. Virginia Univ. Bull. 39(2): 1-60, pl. i-xvi. 1938. – Contribution no. 3 from the Herbarium of West Virginia University.

***Broome, Christoph Edmund** (1812-1886), British mycologist at Batheaston in the Bristol district, B.A. Cambridge, Trinity Hall, degree 1836, lived near Bristol, later at Clifton, from 1848 at Elmhurst near Bath. (*Broome*).

HERBARIUM and TYPES: BM (40.000), further material at CGE, K (lich.), PC. – Contributed also material to Rabenhorst exsiccatae.

CORRESPONDENCE: BM. – *Library and Fungi* at Bath Literary and Scientific Institute (fide Desmond), books and pamphlets to the number of 212 at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 258; BB p. 47; BM 1: 258; Bossert p. 54; CSP 1: 655, 7: 274, 9: 366, 12: 125; 13: 838; Desmond p. 92 (b. 24 Jul 1812, Berkhamstead, d. 15 Nov 1886, London); Frank 3(Anh.): 14 (“Broom”); GR p. 368; GR, cat. p. 61; HR; IH 2: 108; Kew 1: 386; LS 2679-2684, 4150-4155c; Morren ed. 2, p. 22; TL-2/1: 357 and see indexes.

BIOFILE: Anon., Grevillea 15(74): 63. Dec 1886 (d.); J. Bot. 24: 384. Dec 1886 (d.); Proc. Linn. Soc. 1886-1887: 34-35. 1887; Bot. Gaz. 12(8): 201. Aug 1887 (coll., herb. BM).

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Berkeley, E. and D. Smith Berkeley, A Yankee botanist in the Carolinas 101, 102, 108, 109, 121, 143. 1986.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.285, 229.340, 269.76. 1980.

Hawksworth, D.L. and M.R.D. Seaward, Lichenology Brit. Isl. 1568-1975: 197; nos. 222, 223. 1977.

Murray, G., J. Bot. 25(293): 147. 1887 (obit. note); Hist. Coll. Nat. Hist. Depts. Brit. Mus. 1: 137. 1904 (coll.).

Riddelsdell, H.J., Fl. Gloucestershire cxx. 1948.

Seaver, F.J., North-American cup fungi 348. 1942.

Stearn, W.T., Nat. Hist. Mus. S. Kensington 296. 1981.

White, J.W., Fl. Bristol 83. 1912.

Winter, G., Hedwigia 26(1): 40. 1887 (d.).

23.150. *On some of the fungi found in the Bath district ...* Bath (William Lewis, "The Bath Herald Office ...") 1880. Oct.

Publ.: 1880 (read 12 Mar 1879, t.p. date 1880), cover-t.p., p. [1]-31. *Copy*: L. – Reprinted and to be cited from Proc. Bath Nat. Hist. ... Field Club 4: 181-209. 1880.

Earlier notes (same title): 1877, idem 3: 63-71. 1877.

23.151. *On fungi found in the neighbourhood of Bath ...* Bath (Printed by Lewis, Sons & Tyte, The Bath Herald Office [1883]. Oct.

Publ.: 1883 (read 14 Mar 1883), p. 143-172, [i* imprint]. *Copy*: B. – Reprinted and to be cited from Proc. Bath Nat. Hist. ... Field Club 5(3): 143-172. 1883.

***Brotherus, Victor Ferdinand** (1849-1929), Finnish bryologist and highschool teacher in Helsinki, studied at the University of Helsingfors 1866-1870, teacher at various schools in Finland, lecturer for natural science and mathematics 1878-1917, associated with S.O. Lindberg with respect to Finnish musci, travelled 1870 in Finland and Russian-Lapponia, in the Caucasus 1877 and 1881, Dr. phil. Helsinki 1884, on expedition in Central Asia 1896, author of the musci for the Nat. Pflanzenfam. of Engler 1909 as well as for its second edition 1924-1925, professor's title 1921, Dr. h.c. Univ. Bonn 1927. (*Broth.*).

HERBARIUM and TYPES: H (120.000 specimens), for exsiccatae see TL-2/1, further material in B, BM, C, G, GB, GOET, HH, K, L, LD, LY, M, MANCH, MICH, NY, OXF, QK, P, PC, PI, S-PA, W, WELC, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 259; BL 2: 62, 96; BM 1: 258, 6: 145-146; Bossert p. 54; Clokie p. 139; CSP 9: 367, 12: 116, 13: 839; GR p. 614; GR cat. p. 61; IH 2: 100; Kew 1: 386-387; KR p. 105; LS 4159; Morren ed. 10, p. 97; MW p. 54-55; NAF ser. 2. 3: 32, ser. 2. 9: 121; Saclan p. 53-57; SBC p. 117; TL-2/1: 359-360 and see indexes; Urban-Berl. p. 296, 333.

BIOFILE: Anon., Bot. Not. 1871: 104, 1877: 158, 1887: 110, 1896: 203.; Flora 55(3): 47. 21 Jan 1872 (travels to Russian Lapponia); Ann. Crypt. exot. 2(2): 201. 1929 (obit.).

Brotherus, H., Seurapiiri. Ihmsiä tupoja, miljööttä, Weiland and Göös, Espo. ISBN 951-35-2816-2 (in Finnish, with two paragraphs on V.F. Brotherus, his great uncle; fide T. Koponen, Helsinki, paragraphs translated publ. in Bryol. Times 25: 3. Mar 1984).

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Järvinen, I. and T. Koponen, The excursions of V.F. Brotherus in Central Asia in 1896 ... Helsinki 1975, 29 p. (photos of B's exsicc. *Musci Turkestanici*).

Koponen, T., Syst. Assoc. special volume 14: 164. 1979.

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- Saelan, Th., *Acta Soc. Fauna Fl. fenn.* 43(1): 575. 1916 (herb. mat.).
 Sayre, G., *Mem. New York Bot. Gard.* 19(2): 186-188. 1971.
 Shetler, S.G., *The Komarov Bot. Inst.* 49, 59. 1967.
 Stieber, M.T. et al., *Huntia* 4(1): 66. 1981 (letter).
 Wagenitz, G. *Index coll. princ. herb. Gotting.* 32. 1982.
 Wittrock, V.B., *Acta Horti Berg.* 3(2): 107. 1903, 3(3): 92. 1905 (ref. to portr.).

COMPOSITE WORKS: (1), (2) see TL-2/1: 360.

- (3) *Bryophyta*, in N.E. Brown et al., Report on two botanical collections ... at Mount Roraima in British Guiana, *Trans. Linn. Soc. Bot. ser. 2.* 6: 88-100. 1900.
 (4) *Musci*, in G. Raddle and A. Walker, *Collectae, Petropoli* 1888, p. 562-568. – Saelan no. 18. – The chapter on musci was also reprinted with the t.p. of the Radde and Walker publ., followed by p. [ii, verso of t.p., identif.], [1]-7. *Copy*: B.
 (5) *Musci lapponicae kolaënsis* ... Helsingforsiae 1890, see under Anders Thiodolf Saelan, TL-2/9981. – Brotherus senior author. *Copies*: B, FI, H, L, U.
 (6) *Bryales*, in Johs. Schmidt, *Flora of Koh Chang*, see TL-2/10.891, *Bot. Tidsskr.* 24(2): 115-125. Aug 1901, also in reprint with three other authors: C.B. Clarke et al., *Bryales* on p. [61]-71. 1901 (*Copy*: B). – Collander et al. no. 64.
 (7) Die *Laubmoose* der Deutschen Südpolar-Expedition 1901-1903 von Dr. V.F. Brotherus ... in Erich von Drygalski, *Deutsche Südpolar-Expedition 1901-1903*, 8(Bot.), Heft 1, no. 4, p. 83-96, pl. 7-8 (uncol.). Berlin (Druck und Verlag von Georg Reimer) 1906. Oct. – Collander no. 78.
 (8) Die *Laubmoose der Insel Lombok*, in H. Hallier, *Bot. Erg. Elbert'schen Sunda-Exp. I*, *Med. Rijks Herb. Leiden* 14: 15-30. 1912.
 (9) *Musci*, in J. Brunthaler, *Ergeb. Bot. Forschungsreise Deut.-O. Afrika*, *Denkschr. math.-wiss. Kl. Kais. Akad. Wiss. Wien* 88: 734-743. 1913, also in reprint of the Brunthaler paper p. 24-33. *Copy*: B.
 (10) *Les mousses*, J. Cardot and V.F. Brotherus, in *Botanische Ergebnisse der schwedischen Expedition nach Patagonien und dem Feuerlande 1907-1909*. – See sub J. Cardot. – Collander: J. Cardot no. 1, q.v. – Review by John H. Holzinger, *Bryologist* 27(4). 66-67. 19 Sep 1924.

23.152. *Anteckningar till Norra Tavastlands Flora* ... Helsingfors (Theodor Sederholms boktryckeri) 1872. Oct.

Publ.: 1872, p. [i, t.p.], [187]-217. *Copy*: L. – Reprinted and to be cited from *Not. Sällsk. Fauna Fl. fenn. Förhandl.* 13 (ser. 2. 10): 185-217. 1872. – Saelan no. 5.

23.153. *Études sur la distribution des mousses au Caucase* ... Helsingfors (J.C. Frenckell & Son) 1884. Oct. (*Études distr. mousses Cauc.*).

Publ.: 1884 (Hedwigia Dec 1884, *Nat. Nov.* Jul (1) 1884), cover-t.p., p. [i-iv], [1]-104. *Copies*: B, Gr-V, L, MO. – Thesis for doctor title. – Saelan no. 9.
Ref.: Anon., *Hedwigia* 24: 46. Jan-Feb 1885 (rev.).

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Publ.: Jul 1888 (in journal), p. [1]-4. *Copy*: B. – Reprinted and to be cited from *Bot. Centralbl.* 34(1):24-27. 1888. – Saelan no. 14.

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23.156. *Some new species of Australian mosses described* ... From the "Öfversigt af Finska Vet.-Soc. Förh. ... Helsingforsiae (ex officina typographica reredum J. Simellii) 1890 [-1900]. Oct.

Publ.: [1]: 1890, p. [1]-22. *Copies*: B, G. – Reprinted and to be cited from *Öfvers. Finska*

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- 2: 1893, p. [23]-45. *Copy*: B. – Id. 35: 34-56. 1893. – Saelan no. 22. – Bot. Centralbl. 54: 233. 1893.
- 3: 1895, p. [47]-70. *Copy*: B. – Id. 37: 149-172. 1895. – Saelan no. 23. – Bot. Centralbl. 65: 67. 1896, *Rev. bryol.* 22: 62. 1895.
- 4: 1896, p. [71]-105. *Copy*: B. – Id. 40: 159-193. 1898. – Saelan no. 24. – Bot. Centralbl. 76: 233. 1898.
- 5: 1900, p. [107]-144, *1 pl.* *Copy*: B. – Id. 42: 91-129, *1 pl.* 1900. – Saelan no. 25. – Bot. Centralbl. 82: 276-278. 1900.
- 23.157.** *Contributions à la flore bryologique du Brésil ...* Helsingfors (Imprimerie de la Société de Littérature Finnoise) 1891. Oct. (*Contr. fl. bryol. Brésil*).
- Publ.*: 1891, cover-t.p., p. [1]-30. *Copies*: B, KNAW. – Issued as *Acta Soc. Sci. Fenn.* 19(5). 1891. – Saelan no. 32.
- Ref.*: Anon., Bot. Centralbl. 48: 19. 1891 (rev.).
- 23.158.** *Musci novi papuani ...* Separat-Abdruck aus Engler's botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann) 1893. Oct.
- Publ.*: 7 Nov 1893 (in journal), cover (identif.), p. [i, recto of 476], [476]-481. *Copy*: B. – Reprinted and to be cited from *Bot. Jahrb.* 17(5): 476-481. 1893. – Saelan no. 31.
- 23.159.** *Enumeratio muscorum Caucasi ...* [Helsingforsiae (Ex officina typographica Societatis litterariae fennicae)] 1893. Oct. (*Enum. musc. Cauc.*).
- Publ.*: 1893, p. [i*], [i]-v, [1]-170. *Copy*: KNAW. – Issued as *Acta Soc. Sci. Fenn.* 19(12). 1893. – Saelan no. 33.
- Ref.*: Anon., Bot. Centralbl. 52: 298-299. 1892 (rev.).
- 23.160.** *Musci Schenckiani.* Ein Beitrag zur Kenntniss der Moosflora Brasiliens ... Sonderabdruck aus "Hedwigia" ... [Dresden (Druck von C. Heinrich)] 1894. Oct.
- Publ.*: 20 Jun 1894 (in journal), p. [127]-136. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 33(3): 127-136. 1894. – Saelan no. 35.
- 23.161.** *Musci africani.* I. ... Leipzig (Wilhelm Engelmann) [1894]. Oct.
- Publ.*: 1: 16 Nov 1894 (in journal, Heft 1/2 of vol. 20 of *Bot. Jahrb.* was issued at this date), cover (identif.), p. [176]-218. *Copy*: B. – Reprinted and to be cited from *Bot. Jahrb.* 20(1/2): 176-218. 1894. – Saelan no. 37.
- 2: 17 Aug 1897 (in journal), Id. 24(2): 232-284. 1897. – No reprint seen. – Saelan no. 38.
- Ref.*: Anon., Bot. Centralbl. 62: 60-61. 1895, 73: 218-219. 1898 (rev.).
- 23.162.** *Nouvelles contributions à la flore bryologique du Brésil ...* Stockholm (Kungl. Boktryckeriet, P.A. Norstedt & Söner) 1895. Oct. (*Nouv. contr. fl. bryol. Brésil*).
- Collector*: Carl Wilhelm Mosén (1841-1887), see TL-2/3: 600-601.
- Publ.*: 1895 (read 10 Apr 1895), p. [1]-76. *Copies*: Gr-V, L, U. – Issued as *Bih. Sv. Vet.-Akad. Handl.* 21 (III, no. 3). 1895. – Saelan no. 39.
- 23.163.** *Beiträge zur Kenntniss der brasilianischen Moosflora ...* Sonderabdruck aus "Hedwigia" ... 1895. Oct.
- Publ.*: 19 Jun 1895 (in journal), p. [117]-131. *Copies*: B(2). – Reprinted and to be cited from *Hedwigia* 34(3): 117-131. – Saelan no. 36.
- Ref.*: Anon., Bot. Centralbl. 65: 67. 1896 (rev.).
- Anon., *Rev. bryol.* 22: 61-62. 1895 (rev.).
- 23.164.** *Contributions to the bryological flora of the North-Western Himalaya ...* Acta Societatis Scientiarum Fennicae ... 1899. Qu. (*Contr. bryol. fl. N.-W. Himal.*).

- Publ.*: 1899, p. [1]-46. *Copy*: U. – Issued as Acta Soc. Sci. Fenn. 24(2): 1-46. 1899. – Saelan no. 45.
- 23.165.** *Contributions to the bryological flora of Southern India ...* Calcutta (Office of Superintendent of Government Printing, India) 1899. Oct. (*Contr. bryol. fl. S. India*).
Publ.: 1899 (printed 12 Jun 1899; Nat. Nov. Aug (2) 1899), cover-t.p., p. [i, t.p.], [311]-329.
Copies: B, NY, U. – Issued as Records of the Botanical Survey of India 1(12): 311-329. 1899. – Report on a collection of mosses by Dr. [Thomas Leonard] Walker, now at H, QK and TRTC, coll. 1897-1898, see IH 2: 1108. – Saelan no. 46.
Ref.: Anon., Bot. Centralbl. 80: 388-390. 1899.
- 23.166.** *Neue Beiträge zur Moosflora Japans ...* [Dresden (Druck von C. Heinrich)] 1899. Oct.
Publ.: 10 Aug (p. 204-240), 10 Oct 1899 (p. 241-247) (reprint mentioned in Nat. Nov. Nov (1) 1899), p. [204]-247. *Copies*: B, L. – Reprinted and to be cited from Hedwigia 38(4): 204-247. 1899. – Saelan no. 47.
Ref.: Anon., Bot. Centralbl. 81: 177-179. 1900 (rev.).
- 23.167.** *Musci ...* Separatabdruck aus [O.] Warburg, *Monsunia ...* [Leipzig (Verlag von Wilhelm Engelmann) 1900]. Qu.
Publ.: Jan 1899-Jan 1900 (see TL-2/16.662), [cover-t.p., recto of p. 42], p. [42]-53. Jan 1899, [175-177]. Jan 1900. *Copy*: B. – Reprinted and to be cited from O. Warburg, *Monsunia* 1: 42-53, 175-177. 1899-1900. – Saelan no. 51.
- 23.168.** *Die Laubmoose der ersten Regnellschen Expedition ...* Stockholm (Kungl. Boktryckeriet P.A. Norstedt & Söner) 1900. Oct. (*Laubmoose Regnell Exped.*).
Publ.: 1900 (read 14 Mar 1900; Nat. Nov. Oct (1) 1900), p. [1]-65. *Copies*: B, L, U. – Issued as Bih. K. Sv. Vet.-Akad. Handl. 26 (Afd. III, no. 7). 1900. – Saelan no. 50.
- 23.169.** *Musci frondosi ...* Separatabdruck aus Engler, Botanische Jahrbücher ... 1901. Oct.
Publ.: 2 Jul 1901 (in journal), cover (identif.), p. 261-263. *Copies*: B, L. – Reprinted and to be cited from Bot. Jahrb. 30: 261-263. 1903, in A. Engler, Beiträge zur Flora von Afrika 22(4). – Collander et al. no. 61.
- 23.170.** *Zur Bryo-geographie Central-Asiens ...* [Helsingfors (Helsingfors Centraltryckeri) 1902]. Oct.
Publ.: 1902, p. [1]-3. *Copies*: B, L. – Reprinted and to be cited from C.R. Congr. Nat. Méd. Nord Helsingfors 1902 (Sect. 7): 39-41. 1902. – Collander et al. no. 68.
- 23.171.** *Musci novi Dussiani ...* [ex Urban: Symbolae antillanae ... 1903]. Oct.
Publ.: 1 Mai 1903 (in Symb. antill.; Bot. Centralbl. 6 Oct 1903), cover (identif.), p. [421]-429.
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Ref.: Geheeb, A., Bot. Centralbl. 93(35): 233-234. 8 Sep 1903 (rev.).
- 23.172.** *Contributions to the bryological flora of the Philippines I.* Öfversigt af Finska Vetenskaps-Societetens Förhandlingar ... [Helsingforsiae (ex officina typographica heredum J. Simelii) 1905] [-1926]. Oct. (*Contr. bryol. fl. Philipp.*).
Publ.: 1: 1905 (Nat. Nov. Aug (2) 1905), p. [1]-12. *Copies*: B(2), KNAW. – Issued as Öfvers. Finska Vet.-Soc. Förh. 47(14): 1-12. 1905. – Collander et al. no. 73.
2: 22 Apr 1908 (in journal; Nat. Nov. Dec (2) 1908), cover-t.p., p. 11-30. *Copy*: B. – Reprinted and to be cited from Philipp. J. Sci., Sect. C, Bot. 3(1): 11-30. 1908. – Collander et al. no. 100.
3: 20 Jul 1910, Philipp. J. Sci., Sect. C, Bot. 5(2): 137-162. 1910 (no reprint seen). – Collander et al. no. 107.
4: 19 Apr 1913, ib. 8(2): 65-98. 1913 (no reprint seen). – Collander et al. no. 126.

5: 21 Sep 1918, ib. 13(4): 201-222. 1918 (no reprint seen). – Collander et al. no. 142.

6: 16 Nov 1926, ib. 31(3): 277-300. 1926 (no reprint seen). – Collander et al. no. 165.

23.173. *Pleurothotrichum*, eine neue Laubmoosgattung aus Chili ... Öfversigt af Finska Vetenskaps-Societetens Förhandlingar ... [Helsingforsiae (ex officina typographica heredum J. Simelii) 1905]. Oct. (*Pleurothotrichum*).

Publ.: 1905 (Nat. Nov. Aug (2) 1905), p. [1]-4, 1 pl. (uncol. lith.). *Copies*: B(2), KNAW, L.

– Issued as Öfvers. Finska Vet.-Soc. Förh. 47(15): 1-4, 1 pl. 1895. – Collander et al. no. 74. – See ING 3: 1371. 1979.

23.174. *Fragmenta ad floram bryologicam Asiae orientalis cognoscendam* I. ... St. Petersburg 1905 [-1906]. Oct.

Publ.: 1: 1905, cover-t.p., p. [8]-19. *Copies*: B, L. – Reprinted and to be cited from *Travaux Sous-Sect. Troitzk.-Kiakhtha, Sect. Amour* 7(3): 8-19. 1905 – Collander et al. no. 75.

2: 1906, cover-t.p., p. [1]-10. *Copies*: B, L. – Id. 8(3): 1-10. 1906. – Collander et al. no. 76.

23.175. *Lieutenant Olufsen's second Pamir-Expedition. Musci* ... Saertryk af Botanisk Tidsskrift ... København 1906. Oct.

Publ.: 1 Jul 1906 (in journal), p. [203]-208. *Copy*: B. – Reprinted and to be cited from *Bot. Tidsskr.* 27(2): 203-208. 1906. – Collander et al. no. 80.

23.176. *Musci amazonici et subandini Uleani* ... Sonderabdruck aus Hedwigia ... [Dresden (C. Heinrich) 1906]. Oct.

Publ.: 18 Aug and 10 Oct 1906 (in journal), p. 260-288. *Copies*: B, L. – Reprinted and to be cited from *Hedwigia* 54(5): 260-272. 18 Aug, 54(6): 273-288. 10 Oct 1906. – Collander et al. no. 79.

23.177. *Contribution à la flore bryologique de la Nouvelle Calédonie* ... Öfversigt af Finska Vetenskaps-Societetens Förhandlingar ... [1906-1911]. Oct. (*Contr. fl. bryol. N. Caléd.*).

Publ.: 1: 1906, p. [1]-26, [27], 1 pl. (lith.). *Copies*: B(2). – Issued as Öfvers. Finska Vet.-Soc. Förh. 48(15): 1-27, 1 pl. 1906. – Collander et al. no. 77.

2: 1908, p. [1]-31. *Copy*: B. – Id. 51A(17): 1-31. 1909. – Collander et al. no. 102.

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Ref.: Peter, *Bot. Zeit.* 68(II): 51-52. 16 Feb 1910 (rev.).

23.178. *Orthomniopsis und Okamuraea*, zwei neue Laubmoosgattungen aus Japan ... Öfversigt af Finska Vetenskaps-Societetens Förhandlingar ... 1906 [1907]. Oct. (*Orthomniopsis und Okamuraea*).

Publ.: 1906 (reprint published 1906, article in journal 1907), p. [1]-4, pl. 1-2 (uncol. liths. G. Roth). *Copies*: B, L. – Preprinted from Öfvers. Finska Vet.-Soc. Förh. 49(10): 1-4, pl. 1-2. 1907. – Collander et al. no. 96 (q.v.) – See ING 2: 1199 and 1222. 1979.

23.179. *Musci halconenses* ... Manila (Bureau of Printing) 1907. Oct.

Publ.: 15 Jul 1907 (in journal), cover-t.p., p. 339-343. *Copies*: B(2). – Reprinted and to be cited from *Philipp. J. Sci., Sect. C., Bot.* 2(4): 339-343. 1907. – Collander et al. no. 98. – See ING 2: 1199 and 1222. 1979.

23.180. *Musci Voeltzkowiani*. Ein Beitrag zur Kenntnis der Moosflora der ostafrikanischen Inseln ... Stuttgart (E. Schweizerbartsche Verlagsbuchhandlung (E. Nägele)) 1908. Qu.

Publ.: 1908 (Nat. Nov. Dec (2) 1908), cover-t.p., p. [ii-iv], [49]-64, [65-70], pl. 7-9 (uncol. liths., J. Pohl, with text). *Copies*: B, L, MO. – Reprinted and to be cited from Alfred Voeltzkow, *Reise in Ostafrika in den Jahren 1903-1905*, Band 3(1): 49-[70], 3 pl. 1908. – Collander et al. no. 101.

Note: For Alfred Voeltzkow (1860-1946) and a list of contents in vols. 1-4 see BM 5: 2230-2231. 1915.

- 23.181.** *Musci novi philippinenses* I. ... Leaflets of Philippine Botany ... 1909 [-1913]. Oct. (*Musci novi philipp.*).
Publ.: [1]: 9 Sep 1909 (in journal), p. [651]-658. *Copies*: G, U. – Issued as Leafl. Philipp. Bot. 2(37): 651-658. 1909. – Collander et al. no. 103.
 2: 1 Dec 1913 (in journal; Nat. Nov. Apr (2) 1914), p. 1973-1979. *Copies*: B, U. – Id. 6(99): 1973-1979. 1913. – Collander et al. no. 125.
- 23.182.** *Neue Laubmoosgattungen ...* Öfversigt af Finska Vetenskaps-Societetens Förhandlingar ... 1910. Oct. (*Neue Laubm.-Gatt.*).
Publ.: 1910 (Nat. Nov. Dec (1) 1910, Bot. Centralbl. 28 Feb 1911), p. [1]-12, *pl. 1-4* (uncol. liths. I. Györfi). *Copies*: B(2), L. – Issued as Öfvers. Finska Vet.-Soc. Förh. 52A(7): 1-12, *pl. 1-4*. 1910. – Collander et al. no. 105.
- 23.183.** *Die Moose des arctischen Küstengebietes von Siberien*, nach der Sammlung der Russischen Nordpolar-Expedition 1900-1903 ... St.-Petersbourg 1910. Qu. (*Moose arct. Küst.-Geb. Siberien*).
Publ.: Aug-Dec 1910 (printed Jul 1910, see p. [iii]), cover-t.p., p. [i-iii], [1]-15. *Copies*: B, KNAW, L, MO. – Issued as Zapiski Imp. Akad. Nauk. Mém. Acad. Imp. Sci. St.-Petersbourg ser. 8, Cl. phys.-math. [sect. D, Bot. 2.] 27(2): 1-15. 1910. – Collander et al. no. 109.
- 23.184.** *Schedae ad Bryothecam fennicam* [1-4] ... Helsingforsiae [J. Simelii Arfvingsars Boktryckeriaktiebolag] 1910-1916. Oct. (*Sched. Bryoth. fenn.*).
Publ.: 1: 1910 (Hedwigia 8 Aug 1910), cover-t.p., p. [i-ii], [1]-23. *Copies*: B, L. – Collander et al. no. 106. – Nos. 1-100.
 2: 1911, cover-t.p., p. [i-ii], [1]-24. *Copies*: B, L. – Collander et al. no. 115. – Nos. 101-200.
 3: 1912, cover-t.p., p. [i-ii], [1]-26. *Copy*: L. – Collander et al. no. 117. – Nos. 201-300.
 4: 1916, cover-t.p., p. [i-ii], [1]-26. *Copy*: L. – Collander et al. no. 136. – Nos. 301-400.
Ref.: Loeske, L., Hedwigia 50(4) (Beibl.): (190)-(191). 30 Dec 1910 (rev. fasc. 1).
- 23.185.** *Musci* ... [Sonderabdruck aus Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition 1907-1908 unter Führung Adolf Friedrichs, Herzogs zu Mecklenburg Band II, Botanik ... Leipzig (Verlag Klinkhardt & Biermann) [1910]. Oct. (*Musci, Deut. Zentr.-Afr.-Exp.*).
Publ.: Dec 1910, cover (identif.), p. [136]-176, *pl. 11-15* (uncol. liths.). *Copies*: B, L. – Reprinted and to be cited from Wiss. Erg. deut. Zentr.-Afr. Exped., Bot. 2: 136-176, *pl. 11-15*. Leipzig 1910. – Collander et al. no. 108.
Ref.: Loeske, L., Hedwigia 51(1) (Beibl.): (29)-(30). 15 Jul 1911 (rev.).
- 23.186.** *Allioniella*, eine neue Laubmoosgattung aus Ecuador ... Öfversigt af Finska Vetenskaps-Societetens Förhandlingar ... 1911. Oct.
Publ.: 1911 (Nat. Nov. Dec (1) 1911), p. [1]-4, *1 pl.* (uncol. lith. by I. Györfi). *Copy*: L. – Issued as Finska Vet.-Soc. Förh. 53A(13): 1-4, *1 pl.* 1911. – Collander et al. no. 112.
Note: *Allioniella* Brotherus is a later homonym of *Allioniella* Rydberg 1902, see ING 1: 54. 1979.
- 23.187.** *The mosses of the Yarrangobilly Caves District N.S.W.* ... From the Proceedings of the Linnean Society of New South Wales ... 1912. Oct.
Co-author: William Walter Watts (1856-1920), see TL-2/7: 109-110.
Publ.: 13 Dec 1912 (date on t.p. reprint; read at Society 26 Jun 1912), cover-t.p., p. [363]-382. *Copy*: B. – Reprinted and to be cited from Proc. Linn. Soc. N.S.W. 37(2): 363-382. 1912. – Collander et al. no. 116.
- 23.188.** *The mosses of Lord Howe Island* ... From the Proceedings of the Linnean Society of New South Wales ... [1915]. Oct.
Co-author: William Walter Watts (1856-1920), see TL-2/7: 109-110.

Publ.: 15 Sep 1915 (in journal), p. 363-385. *Copy*: B. – Reprinted and to be cited from Proc. Linn. Soc. N.S.W. 40(2): 363-385. 1915. – Collander et al. no. 132.

23.189. *Contributions à la bryologique de l'Argentine ...* Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) ... 1917. Oct. (*Contr. bryol. Argent.*).

Publ.: 29-31 Aug 1917 (printed 29 Aug 1917), cover-t.p., p. [1]-15. *Copies*: L, U. – Issued as Ark. Bot. 15(6). 1917. – Collander et al. no. 140.

23.190. *Moseniella un nouveau genre des mousses du Brésil ...* Stockholm (Almqvist & Wiksells Boktryckeri-A.B.) ... 1917. Oct. (*Moseniella*).

Publ.: 21-30 Sep 1917 (printed 21 Sep 1917), cover-t.p., p. [1]-3, pl. 1 (uncol. lith. I. Györfi). *Copies*: B, L (only copy seen with t.p.), U. – Issued as Ark. Bot. 15(7). 1917. – Collander et al. no. 141. – See ING 2: 1121. 1979.

23.191. *Musci novi japonici ...* Helsingfors (Helsingfors Centraltryckeri) 1920. Oct. (*Musci nov. jap.*).

Publ.: 1920, cover-t.p., p. [1]-55. *Copies*: B, L. – Issued as Öfvers. Finska Vet.-Soc. Förh. 62A(9): 1-55. 1920. – Collander et al. no. 147.

23.192. *Musci Weberbaueriani ...* Leipzig (Verlag von Wilhelm Engelmann) 1920. (*Musci Weberb.*).

Publ.: 23 Apr 1920 (in journal), cover-t.p., p. [1]-22. *Copies*: B, L. – Issued as Bot. Jahrb., Beibl. 123, 1920. – Collander et al. no. 150.

23.193. *Ergebnisse der Expedition Dr. Handel-Mazzetti's nach China 1914-1918, unternommen auf Kosten der Akademie der Wissenschaften in Wien. Musci novi sinenses, collecti a Dre Henr. Handel-Mazzetti, I-II ...* Wien (Hölder-Pichler-Tempsky, ...) 1922-1924. Oct. (*Musci novi sin.*).

Publ.: 1: 1922 (read 13 Jul 1922, Nat. Nov. Apr 1923), cover-t.p., p. 209-220. *Copy*: B. – Reprinted and to be cited from S.B. Akad. Wiss. Wien, Math.-nat. Abt. 1. 131(7-8): 209-220. 1922. – Collander et al. no. 154.

2: 1924 (read 23 Oct 1924), cover-t.p., p. [559]-584. *Copy*: B. – Id. 133(10): 559-584. 1924. – Collander et al. no. 154.

23.194. *Musci (Laubmoose) ...* Wien (Hölder-Pichler-Tempsky, A.-G., Wien und Leipzig Kommissionsverleger der Akademie der Wissenschaften in Wien. Druck der Österreichischen Staatsdruckerei) 1924. Qu.

Publ.: 1924, cover-t.p., p. [251]-358. *Copy*: B. – Reprinted and to be cited from V. Schiffner, ed., *Ergebnisse der botanischen Expedition der kaiserlichen Akademie der Wissenschaften nach Südbrasilien 1901. II. Band (Thallophyta und Bryophyta)* Wien 1924. – Collander et al. no. 157.

23.195. *Tahitan mosses collected by W.A. Setchell and H.E. Parks ...* Berkeley, California (University of California Press) 1924. Oct.

Collectors: William Albert Setchell (1864-1943), see TL-2/5: 528-535, and Harold Ernest Parks (1880-1967), see TL-2/4: 65-66.

Publ.: 16 Sep 1924 (date on p. [44]), cover-t.p., p. [i-ii], [45]-48. *Copies*: B, Gr-V, MO, U. – Issued as Univ. Calif. Publ. Bot. 12(3): 45-48. 1924. – Collander et al. no. 159.

23.196. *Musci nonnulli chilenses a C. Skottsberg anno 1917 lectae ...* [Göteborg] (Meddelanden från Göteborgs botaniska Trädgård ...) 1924. Oct.

Collector: Carl Johan Fredrik Skottsberg (1880-1963), see TL-2/5: 627-639.

Publ.: Dec 1924 (date of printing 3 Dec 1924 on p. 195), cover (identif.), p. [189]-195. – Reprinted and to be cited from Medd. Göteborg. Bot. Trädg. 1: 189-195. 1924. – Collander et al. no. 158.

23.197. *Hawaiian mosses ...* Honolulu, Hawaii (Published by the [B.P. Bishop] Museum) 1927. Oct. (*Hawaii. moss.*).

Publ.: 1927 (rd. by Verdoorn in the Netherlands 27 Dec 1927), cover-t.p., p. [1]-37, *pl. 1-8* (on 4 sheets; uncol. drawings). *Copies*: Gr-V, MO. – Issued as Bulletin 40, B.P. Bishop Museum. – Collander et al. no. 167.

Ref.: Dunham, E.M., *Bryologist* 31(3): 61-62. 8 Jun 1928 (rev.).

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Publ.: 1928, p. [17]-27. *Copy*: B. – Reprinted and to be cited from *Ann. bryol.* 1: 17-27. 1928. – Collander et al. no. 170.

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Collector: Hans Karl Albert Winkler (1877-1945), see TL-2/7: 371-373.

Publ.: 1928 (read 20 Dec 1927), p. [115]-140. *Copy*: Gr-V. – Reprinted and to be cited from *Mitt. Inst. Allg. Bot. Hamburg* 7: 115-140. 1928. – Collander et al. no. 169.

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Publ.: 1929, cover-t.p., p. [i, identif.]-147, [148, imprint], *pl. 1-5* (uncol.). *Copies*: B, MO. – Published in and to be cited from H. Handel-Mazzetti (ed.), *Symb. Sinic.* vol. 4. 1929. – Collander et al. no. 172.

Ref.: Reimers, H., *Hedwigia* 69(1) (Beibl.): (34)-(35). Sep 1929 (rev.).

Brough, Patrick (1885-?), Scottish botanist, studied at the University of Glasgow, M.A. 1907, B. Sci. Agric. 1909, B. Sci. 1914, D. Sci. Univ. Sydney 1933, Science Master Airdrie, Scotland 1907-1910, explor. chem. Ministry Munitions U.K. 1915-1918, Inspector in agriculture, Scotland 1918, lecturer in botany Univ. Sydney from 1919. (*Brough*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 259 (b. 2 Jul 1885, Kinross, Scotland); Kew 1: 388.

BIOFILE: Carr, D.J. and S.G.M. Carr, eds., *People and plants in Australia* 20, 41, 265. 1981.

23.201. *Preliminary note on the embryo sac of Styphelia longifolia* (R. Br.) ... From the Proceedings of the Linnean Society of New South Wales ... 1923. Oct.

Publ.: 14 Dec 1923 (date on cover-t.p., read 28 Nov 1923), cover-t.p., p. [i, recto of 674], [674]-680. *Copy*: U. – Reprinted and to be cited from *Proc. Linn. Soc. N.S.W.* 48(4): 674-680. 1923.

23.202. *Studies in the Epacridaceae*: i. The life-history of *Styphelia longifolia* R.Br. ... From the Proceedings of the Linnean Society of New South Wales ... 1924. Oct.

Publ.: 2 Jul 1924 (date on cover-t.p.), cover-t.p., p. [162]-178. *Copy*: U. – Reprinted and to be cited from *Proc. Linn. Soc. N.S.W.* 49(2): 162-178. 1924.

23.203. *An ecological study of the flora of Mount Wilson*. Part i. The vegetation of the Basalt ... From the Proceedings of the Linnean Society of New South Wales ... 1924. Oct.

Co-authors: John McLuckie and Arthur H.K. Petrie.

Publ.: 29 Dec 1924 (date on cover-t.p.), cover-t.p., p. [475]-498, *pl. 57-60* (phot.). *Copy*: L. – Reprinted and to be cited from *Proc. Linn. Soc. N.S.W.* 49(4): 475-498, *pl. 57-60*. 1924.

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Publ.: 15 Mai 1933 (date on cover-t.p., read 29 Mar 1933), cover-t.p., p. [33]-73, *pl. 2*. *Copy*: U. – Reprinted and to be cited from *Proc. Linn. Soc. N.S.W.* 58(1-2): 33-73, *pl. 2*. 1933.

23.205. An investigation of the *life cycle of Macrozamia spiralis* Miq. ... From the Proceedings of the Linnean Society of New South Wales ... 1940. Oct.

Co-author: Marjorie M. Taylor.

Publ.: 16 Dec 1940 (date on cover-t.p., read 30 Oct 1940), cover-t.p., p. [i, on recto of 494], [494]-524, *pl. 14-17* (uncol. phot.). *Copy:* U. – Reprinted and to be cited from Proc. Linn. Soc. N.S.W. 65(5-6): 494-524, *pl. 14-17*. 1940.

Broun, Maurice (1906-x), American ornithologist, born 27 Aug 1906, New York, NY, assistant ornithologist 1927-1928 at Massachusetts Department of Agriculture at Pleasant Valley Sanct Lenox, Mass., supt. 1929-1931, research associate Austin Ornith. Res. Station Cape Cod 1931-1934, Long Trail Lodge Vermont 1934. (*M. Broun*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 259 (b. 27 Aug 1906); Hortus 3: 1189; Kew 1: 388.

BIOFILE: Anon., Amer. Fern J. 29(1): 30-31. 2 Apr 1939; Madroño 5(4): 136. 16 Oct 1939. Ewan, J. et al., Short hist. bot. U.S. 101. 1969.

Frodin, D.G., Guide standard floras world 580 (no. 100b). 1984.

Hastings, G.T., Torreya 39(1): 16-17. 9 Feb 1939.

23.206. *Index to North American ferns* ... Constituting a catalogue of the ferns and fern allies of North America North of Mexico, including all known forms, varieties, and hybrids ... Orleans, Mass. (Published by the compiler) 1938. Oct. (*Index N. Amer. ferns*).

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Brouwer, Jacoba (1885-x), Dutch student in botany at Utrecht, born at Batavia (h.t. Djakarta), Dr. phil. 1923. (*J. Brouwer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 259 (b. 1885, Batavia); Kew 1: 388.

23.207. *Onderzoekingen over de Platanaceae*. Proefschrift tot het verkrijgen van den graad van doctor in de wis- en natuurkunde aan de Rijks-Universiteit te Utrecht ... tegen de bedenkingen van de Faculteit der wis- en natuurkunde te verdedigen op Woensdag, den vierden Juli 1923, ... Utrecht - Amsterdam (N.V. Grafische Kunstinstelling v/h Biegelaar & Jansen) 1923. Oct. (*Onderz. Platanac.*).

Publ.: 4 Jul 1923 (date of defense thesis), cover-t.p., p. [3]-49, [i]-xiii, *figs. 1-86* (uncol. photos and drawings on 20 pages), loose page [i*] theses. *Copies:* L, U.

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Publ.: 1924, p. [i], [369]-382, *pl. [1-4]*. *Copies:* FAS(B), U. – Reprinted and to be cited from *Recueil Trav. bot. Néerl.* 21: 369-382, *pl. 1-4*. 1924.

***Brown, Addison** (1830-1913), American judge and botanist, studied at Amherst College 1848-1849, at Harvard 1849-1852, graduated from Harvard Law School 1855, practising law in New York City 1866-1881, judge in the United States District Court 1881-1901, L.L.D. Harvard Univ. 1902, long time on the Board of Managers of the New York Botanical Garden, ultimately as its president. (*A. Br.*).

HERBARIUM and TYPES: MASS (orig.), further material at NA, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 260 (b. 21 Feb 1830, d. 9 Apr 1913); BFM 1586; BL 1: 160; BM 1: 259; Bossert p. 54; Ewan ed. 1: 80, 172, ed. 2: 29; Hortus 3: 1189 ("A.

Br."); IH 2: 100; Kew 1: 390; Lenley p. 103-104; Morren ed. 10, p. 127; NW p. 41; TL-2/1: 363 and see indexes; Tucker 1: 115, 767; Zander ed. 10, p. 640, ed. 11, p. 728.

BIOFILE: Britton, N.L., J. New York Bot. Gard. 14: 119-121. Jun 1913 (obit., b. 21 Feb 1830 at West Newbury, Mass., d. 9 Apr 1913).

Coulter, J.M., Bot. Gaz. 22(3): 269-270. 23 Sep 1896 (rev. of vol. 1 of *An illustrated flora of the N. U.S.* ... 1896), 24(2): 120-121. 31 Aug 1897 (id. vol. 2), 26(4): 281-282. 15 Oct 1898 (id. vol. 3).

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House, H.D., New York State Mus. Bull. 328: 21, 29. 1942 (library N.Y. State).

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Morris, E.L., Torreya 13: 119. 1913.

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Stieber, M.T., *Huntia* 4(3): 153. 1982 (field notes).

Stieber, M.T. et al., *Huntia* 4(1): 67. 1981 (letter at HU).

Brown, Clair Alan (1903-x), American botanist, born at Port Allegany, Pennsylvania, worked mainly on the flora of Louisiana, B.S. 1925 St. Coll. Forestry N.Y., Univ. Michigan M.A. 1926, Ph. D.[?] 1933, instructor of botany, Louisiana University ca. 1926, professor ib. 1943. (*C.A. Br.*).

HERBARIUM and TYPES: LSU, MICH. – Field notes also at LSU and MICH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 261; BL 1: 183, 190.

BIOFILE: Ewan, J., Southw. Louisiana J. 7(1-4): 45, 46, 51, 54. 1967 (publ.).

Pennel, F.W. and J.H. Barnhart, Monogr. Acad. nat. Sci. Philadelphia 1: 602. 1935 (coll. at LSU, MICH).

Stieber, M.T., *Huntia* 4(3): 153. 1982 (field notes).

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COMPOSITE WORKS: (1) *Flora of Southeastern Polynesia* vol. 2, publ. 30 Dec 1931, with Forest B.H. Brown, q.v.

23.209. *Some wild flowers of Louisiana* ... Louisiana Conservation Review ... 1935. Qu.

Publ.: Part I: Jan 1935 (date on cover-t.p.), cover-t.p., p. 3-44. *Copy:* L. – Reprinted and to be cited from Louisiana Conservation Review 4(5): 3-44. 1935.

Part II (Woodland Flora of Pine Flats): Apr 1935 (id.), [title on recto of p. 18], p. 18-24. *Copy:* L. – Id. 4(6): 18-24. 1935.

Part III (Flora of the Alluvial Soils): Jul 1935 (id.), p. [i], 22-29. 1935. *Copy:* L. – Id. 4(7): 22-29. 1935.

23.210. *Morphology and biology of some species of Odontia.* The Botanical Gazette ... 1935. Oct.

Publ.: Jun 1935 (date on cover), cover (identif.), p. 640-675. *Copy:* L. – Reprinted and to be cited from Bot. Gaz. 96(4): 640-675. 1935.

23.211. *Ferns and flowering plants of Isle Royale Michigan* ... [1937]. Oct. in one binding (*Ferns fl. pl. Isle Roy.*).

Publ.: 1937, cover-t.p., p. [1]-90. *Copies:* BR, MO, NY.

Brown, Elizabeth Dorothy, née **Wuist** (1880-?), American botanist, born at Dayton, Ohio, married Forest Buffen Harkness Brown, studied at the University of Michigan, Ph.D. 1912. (*E.D. Br.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 261 (b. 22 Jul 1880); Kew 1: 391.

23.212. *Regeneration in Phegopteris polypodioides* ... Reprinted ... from the Bulletin of the Torrey Botanical Club ... 1918. Oct. (*Regen. Phegopt. polypod.*).

Publ.: 9 Sep 1918 (date on cover-t.p., date on p. 391, however, 11 Oct 1918, periodical issued 19 Oct 1918), cover-t.p., p. 391-397. *Copies*: B, L. – Preprinted from Bull. Torrey bot. Club 45(10): 391-397. 1918.

23.213. *Apogamy in Osmunda cinnamomea* and *O. claytoniana* ... Reprinted ... from the Bulletin of the Torrey Botanical Club ... 1920. Oct.

Publ.: 5 Oct 1920 (date on cover-t.p., date on p. 339, however, 5 Aug 1920, periodical issued 5 Oct 1920), cover-t.p., p. [339]-345. *Copies*: B, L. – Reprinted and to be cited from Bull. Torrey bot. Club 47(8): 339-345. 1920.

Brown, Forest Buffen Harkness (1873-1954), American botanist, born in Rushville, N.Y., educated at Ypsilanti, Michigan, at the Michigan State Normal College, studied at the University of Michigan 1902, A.B. and M.S. 1903, with the forest survey team at Broken Bow, Oklahoma (Bureau of Forestry, USDA), instructor on the Michigan State Normal College and taught plant anatomy at the botany dept. at Ohio State University, in charge of the botanical garden ib. 1911-1916, Ph.D. Yale University, Fellow at Yale University 1918-1919, botanist at the Bishop Museum, Honolulu 1920. (*F. Br.*).

HERBARIUM and TYPES: BISH, MO, WELT.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 261 (b. 11 Dec 1873, Rushville, NY); BL 1: 125; IH 2: 100; Kew 1: 391.

BIOFILE: Brown, E.D.W., Trop. Woods 101: 60-62, *pl. 15* (portr.). Apr 1955.

Merrill, E.D., Chron. bot. 14(5/6): 248, 250, 267, 347, 351. 1954 (in Merrill's *Botany Cook's Voy.*); B.P. Bishop Mus. Bull. 144: 55. 1937 (publ. on Polynesia).

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Publ.: 18 Oct 1905 (in journal), cover-t.p., title recto of p. 264, p. 264-284. *Copy*: NY. – Reprinted and to be cited from Bot. Gaz. 40(4): 264-284. 1905.

23.215. *The forest associations of Wayne Country Michigan* ... Reprinted from the Nineteenth Mich. Acad. Sci. Rept. 1917. Oct.

Publ.: 1917, cover-t.p., p. [209]-217, [219]. *Copy*: B. – Reprinted and to be cited from Mich. Acad. Sci. Rept. 19: 209-219. 1917.

23.216. *Cornaceae* and allies in the *Marquesas* and neighboring islands ... Honolulu, Hawaii (Published by the [Bernice P. Bishop] Museum) 1928. Oct. (*Cornaceae Marquesas*).

Publ.: 1928, cover-t.p., p. [1]-22. *Copies*: L, U. – Issued as Bull. B.P. Bishop Mus. 52, 1928. – Also issued as Bayard Dominick Expedition publ. no. 13.

23.217. *Flora of Southeastern Polynesia* ... Honolulu, Hawaii (Published by the [Bernice P. Bishop] Museum ... 1931-1935. Oct. (*Fl. S.E. Polynesia*).

Publ.: 1: Sep 1931 (date on t.p.), p. [i*], i-ii, [3]-194, *pl. 1-35* (uncl.).

2 (*Pteridophytes*): 30 Dec 1931 (date on p. [ii*]), p. [i*-ii*], i-ii, [3]-123, *pl. 1-21* (uncl.). – *Co-author*: Elizabeth Dorothy (née Wuist) Brown (b. 1880), see above.

3 (*Dicotyledons*): 30 Apr 1935 (date on p. [ii*]); Nat. Nov. Jul 1935), p. [i*-ii*], i-ii, [3]-386, *pl. 1-9* (uncl.).

Copies: MO, U. – Also issued as Bayard Dominick Expedition, publ. nos. 20, 21, 22.

Ref.: BL 1: 125.

Reprint mentioned by Koeltz 235, 1974 (703 p., “reprint (available)”, n.v.

Brown, Harry Philip (1887-x), American forest botanist and wood technologist, born at West Winfield, N.Y., A.B. Cornell 1909, A.M. 1910, Ph.D. 1914, xylotomist US Forest Service 1911, instructor in botany at Cornell 1912-1914, assistant professor of botany at the N.Y. State College of Forestry, Syracuse 1915-1917, professor of wood technology at Syracuse from 1918, temporary wood technologist at the Forest Institute, Dehra Dun, India 1922-1923. (*H.P. Br.*)

HERBARIUM and TYPES: SYRE, further material at NY, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 262; BJI 1: 199; Hirsch p. 36; IH 1 (ed. 8): 453, 2: 101; Kew 1: 391; ME p. 381; Tucker 1: 767.

BIOFILE: Anon., Amer. men Sci. ed. 4. 127. 1927, ed. 6. 176. 1938.

Stieber, M.T., *Huntia* 4(3): 153. 1982 (field notes of collections).

Verdoorn, F., *Chron. bot.* 2: 318, 348. 1936, 4: 50. 1938, 5: 174, 277. 1939, 7: 239. 1941.

23.218. *Trees of New York State* native and naturalized ... Technical Publication no. 15 of The New York State College of Forestry at Syracuse University ... Syracuse N.Y. (Published quarterly by the University) 1921. Oct.

Publ.: Feb 1921 (date on t.p.), p. [1]-433 (of which plates on 76-342 with descriptions), fold-out map. *Copy*: MO. – Issued as Syracuse University, Bulletin 21(5). 1921.

Republication: 1975, "An unabridged and slightly corrected republication of the work originally published by Syracuse University Press, ... 1921.", New York (Dover Publications) 1975, p. [1]-433 (as above). *Copy*: MO.

Ref.: Hastings, H.T., *Torreya* 23(2): 35-36. Mar-Apr 1923 (rev.).

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Publ.: Sep 1928 (date on cover-t.p.), cover-t.p., p. [1]-6, pl. 1-60 (uncol. wood sections (phot.)).

Copy: L. – Issued as Bull. New York State Coll. Forestry Syracuse Univ. 1(4), 1928.

23.220. *Das Holz der forstlich wichtigsten Bäume Mitteleuropas*. Mikrophotographien von Dr. H.P. Brown [and] Dr. A.J. Panshin ... Mit erläuterndem Text und einem Bestimmungsschlüssel versehen herausgegeben von Dr. M. Seeger ... Dr. R. Trendelenburg ... Hannover (Verlag von M. & H. Schaper) 1932. Oct. (*Holz Bäume Mitteleur.*).

Publ.: 1932 (preface dated Mai 1932), p. [1]-23, [24-25], pl. 1-40 (uncol. microphotos woods). *Copy*: U.

23.221. *Identification of the commercial timbers of the United States* ... New York and London (McGraw-Hill Book Company, Inc.) 1934. Oct. (*Identif. timbers U.S.*).

Co-author: Alexis John Panshin (b. 18 Oct 1901, Voronege, Russia).

Publ.: 1934 (p. vii, preface dated Jun 1934), p. [i]-xxvi, [1]-223. *Copy*: MO. – Plates in text.

Brown, J. P. (x-1842), British soldier, after a military career in England, moved to Thun (Switzerland) in 1823, from then on interested in botany. (*J.P. Br.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 259; CSP 1: 659; Jackson p.344; Kew 1: 391; PR 1211, ed. 1: 1355; Rehder 1: 434.

BIOFILE: Fischer, Ed., *Verh. Schweiz. naturf. Ges.* 96(2): 8-10. 1914 (brief note).

23.222. *Catalogue des plantes, qui croissent naturellement dans les environs de l'Oberland Bernois, qui est le plus souvent visitée par les voyageurs* ... Thoun et Aarau (Chez J.J. Christen, ...) 1843. Duod. (*Cat. pl. Oberland*).

Publ.: Jun 1843 (p.iv dated 1 Nov 1842, Hinrichs, Börsenblatt 18-20 Dec 1843, published by 7 Jul 1843, Flora 26: 431 ("417")), p. [i-iv], [1]-150, [151-152, err.]. *Copies*: G, HH. *Ref.*: Anon., Bot. Zeit. 2(20): 368. 17 Mai 1844 (adv.).
H.M. (H. v. Mohl), Bot. Zeit. 2(36): 639-640. 6 Sep 1844 (rev.).

Brown, Margaret Sibella (1866-1961), Australian (born Sydney Mines, N.S.) bryologist, educated at private schools at Halifax, N.S., Stuttgart, Württemberg, and London. (*M.S. Br.*)

HERBARIUM and TYPES: BM, K, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 263.

23,223. *Mosses from Syria ...* Reprinted from *The Bryologist ...* 1937. Oct.
Publ.: 30 Nov 1937 (in journal), p. [84]-85. *Copy*: Gr-V. – Reprinted and to be cited from *Bryologist* 40(5): 84-85. 1937.

Brown, M. R. (fl. 1937), British botanist at the Botany School at Cambridge. (*M.R. Br.*)

HERBARIUM and TYPES: Unknown.

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Publ.: 1 (*Physiologic specialization in the Uredospore stage*): Aug 1937 (in journal), cover-t.p. p. [i, recto of 504], 504-527. – Reprinted and to be cited from the *Annals of Applied Biology* 24(3): 504-527. 1937.

2 (*The aecidial hosts of P. coronata*): Aug 1938 (in journal), cover-t.p., p. [i, recto of 506], 506-527, pl. 21 (uncol. phot.). – *Id.* 25(3): 506-527. 1938.

Copies: L.

***Brown, Nicholas Edward** (1849-1934), British botanist, born at Redhill, Surrey, educated at the Grammar School of Reigate, curator of the private museum of William Wilson Saunders (1809-1879), assistant in the Herbarium at Kew 1873, in 1874 in addition commencing lecturing on geographical botany, participated in the compiling of various Kew Series, e.g. *Flora capensis*, assistant keeper of the Herbarium 1909-1914, Dr. Sci. hon. Witwatersrand 1932. (*N.E. Br.*)

HERBARIUM and TYPES: K (herb. and mss.).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 414; Barnhart 1: 263 (b. 11 Jul 1849, d. 25 Nov 1934); BJI 1: 7, 2: 21; BL 1: 244, 288, 2: 224, 295; BM 1: 260, 2: 686; Bossert p. 55; Desmond p. 95; Hortus 3: 1189; Kew 1: 393-394; LS 3918; Morren ed. 2, p. 23, ed. 10, p. 70; NI p. 25; Plesch p. 159; Rehder 5(index): 126-127; TL-2/1: 363-364 and see indexes; Zander ed. 10, p. 639, ed. 11, p. 726.

BIOFILE: Anon., J. Kew Guild 2: 167. 1904 (portr.), 5: 460-461. 1935 (obit. note and frontisp. portr.; see also J. Bot. 43: 40. 1905); J. Bot. 52: 280. 1914 (retirement from Kew); Kew Bull. 1932(3): 155 (Dr. Sci. h.c. Witwatersrand); Gard. Chron. ser. 3. 91: 268. 1932 (portr., note on Dr. Sci. Witwatersrand), 96: 417. 1934.

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 Verdoorn, F., Chron. bot. 1: 168. 1935 (portr., caption, note on death).
 Rappa, F., Lav. Ist. bot. Giardino Colon. Palermo 14: 3-18. 1954.
 Squire, A.W.L., Cactus. Bruxelles 4(6): 119-121. 1972.
 White, A. and B.L. Sloane, The Stapelieae ed. 1. 1: 203. 1933, ed. 2. 1: 115-117. 1937 (obit.,
 portr.), index 16 (numerous entries).

COMPOSITE WORKS: (1) N.E. Brown compiler of *Supplement of the third edition*, vols. i-iv of J.E. Smith, *English botany*, 1892, see TL-2/12.221.
 (2) N.E. Brown contributed to H. Schinz ed., *Beitr. Kenntn. Afr. Flora* (neue Folge) XIII, Bull. Herb. Boissier ser. 2. 1(8): 777-778. 1901.
 (3) For contributions to Flora Capensis see W.H. Harvey, *Flora Capensis* 1860-1933 (TL-2/2448): *Valerianaceae*, *Ericaceae*, *Asclepiadaceae*, *Labiatae*, *Euphorbiaceae*, *Ulmaceae*, *Moraceae*, *Pontederiaceae*, *Flagellariaceae*, *Typhaceae*, *Eriocaulaceae*.
 (4) Id. D. Oliver, *Flora of tropical Africa* 1868-1937 (TL-2/7055): *Asclepiadaceae*, *Gentianeaceae*, *Hydrophyllaceae* *Euphorbiaceae*, *Pontederiaceae*, *Rapateaceae*, *Typhaceae*, *Eriocaulaceae*, *Mayaceae* (in addenda).

EPONYMY: *Nebrownia* Kuntze, see ING 2: 1151. 1979.

23.225. *I. Report on two botanical collections made by F.V. McConnell and J.J. Quelch at Mount Roraima in British Guiana ...* London (Transactions of the Linnean Society) ... 1901. Qu.

Collectors: Frederick Victor McConnell (IH 2: 479), John Joseph Quelch (b. 1854).

Publ.: Jan 1901 (date on cover), cover-t.p., p. [1]-107, *pl. 1-14* (uncol. liths. J.N. Fitch), N.E. Brown, *Spermatophyta* p. 18-76 (excl. Orchid.). *Copies:* MO, U. – Issued as Trans. Linn. Soc. ser. 2. 6(1): 1-107, *pl. 1-14*. 1901.

Authorship: *Introduction* by I.H. Burkill, p. 1-7, *Spermatophyta* by N.E. Brown (*Orchidaceae* by R.A. Rolfe), p. 18-76, *Pteridophyta* by C.H. Wright, p. 77-78, *Bryophyta* by F. Stephani, p. 88-100, *Thallophyta* by G. Massee p. 101-107.

Ref.: Solms-Laubach, H., Bot. Zeit. ser. 2. 59: 268. 1 Sep 1901 (rev.).

23.226. *Sansevieria*. A monograph of all the known species ... Bulletin of Miscellaneous Information ... 1915. Oct.

Publ.: 26 Jul 1915 (in journal), cover-t.p., p. [185]-261, 2 *pl.* (uncol. phot.). *Copy:* NY. – Reprinted and to be cited from Kew Bull. 1915(5): 185-261, 2 *pl.* 1915.

23.227. *Contributions to a knowledge of the Transvaal Iridaceae ...* Transactions of the Royal Society of South Africa ... 1929 [-1932]. Oct.

Publ.: [1] 1929 (in journal), cover-t.p., p. [341]-352. *Copies:* L, U. – Reprinted and to be cited from Trans. Roy. Soc. S. Afr. 17(4): 341-352. 1929.

2: 1932 (in journal), cover-t.p., p. [261]-280. *Copies:* L, U. – Id. 20(3): 261-280. 1932.

23.228. *Mesembryanthema* descriptions, with chapters on cultivation and general ecology[.] Beschreibungen, nebst Abhandlungen über Kultur und allgemeine Ökologie[.] Beschrijvingen, met hoofdstukken over de cultuur en algemeene oekologie ... Ashford, Kent, England (L. Reeve and Co., Ltd.) 1931. Oct. (*Mesembryanthema*).

Editor: E.J. Labarre.

Co-authors: A. Tischer and Mia C. Karsten.

Note: Descriptions on p. 101-300 by N.E. Brown.

Publ.: 1931 (p. xvi: Jul 1930), p. [i]-xxvi, *pl. 1* (col. draw.), [1]-323, *pl. 2*. *Copies:* B, L.

Ref.: J.H., Kew Bull. 1932(2): 109-110. 9 Apr 1932 (rev.).

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23.229. *Nivenia* Vent. and *Nivenia* R.Br. ... Cape Town (Published by the [Royal] Society [of South Africa]). 1933. Oct.

Publ.: 1933 (copy at U rd. 15 Jan 1934), p. [i], [259]-270. *Copy*: U. – Reprinted and to be cited from *Trans. Roy. Soc. S. Afr.* 21(3): 259-270. 1933.

Brown, Olof Theodor (1845-1893), Swedish telegraph operator in Göteborg and botanist. (*O.T. Br.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: KR p. 106 (b. 30 Jul 1845, Skåne, d. 1 Mai 1893, Göteborg).

23.230. *Anteckningar till Skånes flora* ... Lund (tryckt uti Berlingska Boktryckeriet) 1870. Oct. (*Anteckn. Skånes fl.*).

Publ.: 1870, p. [i*-iv*], [i]-v, 1-20. *Copy*: NY. – Krok p. 106.

***Brown, Robert** (1773-1858), British botanist, Scotland (Argus) born, studied medicine at the University of Edinburgh, assistant surgeon with the Fife Fencibles in Ireland 1795-1822, visited J. Banks 1798, on the Beagle with Flinders to survey New Holland 1801-1805, librarian Linnean Society 1805-1822, id. of J. Banks 1810-1820, first keeper of the newly set-up Botany Department of the British Museum 1827, president Linnean Society 1849-1853. (*R. Br.*).

HERBARIUM and TYPES: See TL-2/1: 364. – The following herbaria mention herbarium material collected by R. Brown: AWH, B, BM, BR, C, CANB, CW, DBN (Irish specimens, before 1801), E, F, FI, G, G-DC, K (2nd set), LE (impt. set), LINN, LIV, M, MEL, MO, NSW, NY, P (1000), P-Ju, PH, S, SBT, W (orchids, orig.), WELT.

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Publ.: Dec 1812 (date according to TL-2/1: 26), p. [1]-76. *Copy*: NY. – Reprinted and to be cited from *Hortus Kewensis* 4: 71-130. 1812.
- 23.232.** *Genera et species plantarum orchidearum, quae in Horto Kewensi coluntur ... Hortus Kewensis ...* [1813]. Oct.
Publ.: Nov 1813 (date according to TL-2/1: 26), p. [1]-52. *Copy*: NY. – Reprinted and to be cited from *Hortus Kewensis* 5: 188-222. 1813.
- 23.233.** An account of a *new genus* of plants, named *Rafflesia* ... [Transactions Linnean Society, London 1821]. Qu.
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- 23.234.** *A brief account of microscopical observations* made in the months of June-July, and August, 1827, on the particles contained in the pollen of plants; and on the general existence of active molecules in organic and inorganic bodies ... [not published], [London (Printed by Richard Taylor, ...) 1828]. Oct. (*Brief acc. microsc. obs.*).
Publ.: 1828 (p. 16 dated 30 Jul 1828), p. [1]-16. *Copy*: G. – First account of the “Brownian movement”.
Reprint: *Edinburgh New Philos. J.* 5: 358-371. 1828. Same text; for further publication in various journals see *CSP* 1: 660.
- 23.235.** *Observations on the organs and mode of fecundation in Orchideae and Asclepiadeae ...* London [Printed by Richard Taylor] 1831. Oct. (*Obs. organs fecund. Orch. Asclep.*).
Publ.: 24-31 Oct 1831 (date on t.p.; p. 36: 24 Oct 1831, privately printed), p. [1]-36. *Copies*: B, U.
Additional remarks on the pollen mass in Asclepiadeae, s.l.s.d., p. [1]-2. *Copies*: B, U.
Journal issue: *Trans. Linn. Soc.* 16: 685-746. Nov 1833 (additional remarks included). – See also *BM* 1: 261.
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Publ.: 6 Nov 1844 (fide S. Raphael, Biol. J. Linn. Soc. 2: 75. 1970, read June 17th, 1834 sic!, published in journal 1844), p. [i-ii], 1-27, pl. 1-9 (uncol. liths.). *Copy*: L. – Reprinted and to be cited from Trans. Linn. Soc. 19(3): 221-247, pl. 1-9. 1844 (title in Transactions: "Description of the female flower and fruit of Rafflesia Arnoldi, with remarks on its affinities; and an illustration of the structure of Hydnora africana").

23.238. *A monograph of the Coniferous genus Thuja, Linn., and of the North American species of the genus Libocedrus Endl. ...* [Trans. Bot. Soc. Edinburgh ... 1868]. Oct.

Publ.: 1868, p. [358]-378. *Copy*: G. – Reprinted (without identification) and to be cited from Trans. Bot. Soc. Edinburgh 9: 358-378. 1868.

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Publ.: Apr 1871 (in journal), p. [1]-8. *Copy*: B. – Reprinted and to be cited from Ann. Mag. Nat. Hist. 7: 249-256. 1871.

***Brown, Roland Wilbur** (1893-1961), American palaeobotanist, born at Weatherby, Pa., attended Lafayette College, Easton, Pa., studied palaeobotany with E.W. Berry at Johns Hopkins University, Ph.D. ib. 1926, briefly assistant with the Geological Survey, from 1928 palaeobotanist of the U.S. Geological Survey and honorary curator of palaeobotany with the National Museum, Washington, D.C. (*R.W. Br.*).

HERBARIUM and TYPES: US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 264 (b. 12 Mai 1893, Weatherby, Pa.); Kew 1: 396; TL-2/1: 369-370.

BIOFILE: Becker, H.F., Cactus Succ. Soc. Amer. 32(1): 28-29. 1960; Bull. Torrey bot. Club 89(4): 260-261. 1962 (portr.); J. New York Bot. Gard. 12(2): 71-72. 1962 (born 12 Mai 1893, Weatherby, Pa., d. 21 Dec 1961).

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Publ.: 1934, p. [i-ii], 45-77, pl. 8-15 (uncol. phot.). *Copy*: U., – Issued as Profess. Paper 185-C, U.S. Dept. Interior, Washington D.C.

23.241. *Additions to some fossil floras of the Western United States ...* Washington (Government Printing Office) 1937. Qu. (*Fossil fl. W. U.S.*)

Publ.: 1937, p. [i-ii], 163-206, pl. 45-63 (uncol. phot.). *Copy*: U. – Issued as Profess. Paper 186-J, U.S. Dept. Interior, Washington D.C.

23.242. *Additions to the flora of the Green River formation ...* Washington (Government Printing Office) 1939. Qu. (*Addit. fl. Green River*).

Publ.: 22 Apr 1939 (date on t.p.), p. [i-ii], 279-293, pl. 70-76 (uncol. phot.). *Copy*: U. – Issued as Geol. Surv., Prof. Paper 154-J.

23.243. *Fossil plants* from the colgate member of the *Fox Hills* sandstone and adjacent strata ... Washington (United States Government Printing Office) 1939. Qu. (*Fossil pl. Fox Hills*).
Publ.: 1939, cover-t.p., p. [i-ii], 239-275, pl. 48-63 (uncol. phot., pl. 59 uncol. drawing). *Copy*:
 U. – Issued as Profess. Paper 189-I, U.S. Dept. Interior, Washington, D.C.

Brown, William Henry (1884-1939), American botanist, studied at Richmond College and at Johns Hopkins University, Dr. phil. 1910, at Michigan Exp. Station 1910-1911, from 1911 employed with the Bureau of Science at Manila, Philippine Islands, director id. 1924-1933, also professor of botany at the University of the Philippines, in retirement at Manila 1933-1937, in charge of the Botanical Laboratory and the Botanical Garden at Johns Hopkins University, Baltimore, from Feb 1938. (*W.H. Br.*).

HERBARIUM and TYPES: PNH, further material at PH, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 264 (b. 6 Oct 1884, Richmond, Va., d. 9 Nov 1939); BL 1: 122, 123; Kew 1: 396-397; SK 1: 84 (basis of our caption).

BIOFILE: Anon., Nat. Nov. 33: 550. 1911 (from Mich. Exp. Sta. to Philippine Bureau of Science); Science 90: 531-532. 1939.

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Merrill, E.D., Enum. Philipp. Fl. Pl. 4: 168-169. 1926.

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Verdoorn, F., Chron. bot. 6: 20. 1940.

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Publ.: 30 Dec 1908 (in journal), cover-t.p., p. 445-460, pl. 31-33 (uncol.). *Copy*: L. – Reprinted and to be cited from Bot. Gaz. 46(6): 445-460. 1908.

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Publ.: 21 Oct 1909 (in journal), cover-t.p., p. 241-250. *Copies*: L, MO. – Reprinted and to be cited from Bot. Gaz. 48(4): 241-250. 1909.

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Publ.: 8 Jun 1911 (in journal), cover-t.p., p. [i], 323-341. *Copies*: L, NY. – Reprinted and to be cited from Contr. U.S. Natl. Herb. 13(10): 323-341. 1911.

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Publ.: 19 Dec 1911 (in journal), cover-t.p., p. 439-452, pl. 10 (uncol. lith.). *Copy*: L. – Reprinted and to be cited from Bot. Gaz. 52(6): 439-452, pl. 10. 1911.

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Co-authors: Elmer Drew Merrill (1878-1956), see TL-2/3: 425-429, and Harry S. Yates.

Publ.: 9 Nov 1917 (in journal), p. 177-243, pl. 4-16 (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Philipp. J. Sci., C. Bot. 12(4): 177-243, pl. 4-16. 1917.

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Publ.: 28 Jun 1918 (in journal), p. 317-329, pl. 17 (uncol. phot.). *Copy*: L. – Reprinted and to be cited from Philipp. J. Sci., C. Bot. 12(6): 317-329, pl. 17. 1917.

23.250. *Philippine Bamboos* ... Manila (Bureau of Printing) 1918. Oct. (*Philipp. Bamboos*).

Co-author: Arthur Frederick Fischer (b. 6 Feb 1888).

Publ.: 1918, cover-t.p., p. [1]-32, *pl. 1-33* (uncol. phot.). *Copy*: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Forestry, no. 15, 1918.

23.251. *Philippine Forest Products as sources of paper pulp ...* Manila (Bureau of Printing) 1918. Oct. (*Philipp. Forest Prod.*).

Co-author: Arthur Frederick Fischer (b. 6 Feb 1888).

Publ.: 1918, cover-t.p., p. [1]-13. *Copy*: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Forestry no. 16, 1918.

23.252. *Philippine Mangrove swamps ...* Manila (Bureau of Printing) 1918. Oct. (*Philipp. Mangr. Swamps*).

Co-author: Arthur Frederick Fischer (b. 6 Feb 1888).

Publ.: 1918, cover-t.p., p. [1]-132, *pl. 1* (uncol. phot.). *Copy*: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Forestry no. 17, 1918.

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Publ.: 15 Nov 1919 (date on p. 2), frontispiece [*pl. 1*], p. [1]-434, *pl. 2-41* (2-40 uncol. phot., 41 uncol. map). *Copy*: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Sci. Manila no. 13, 1919.

Ref.: Diels, L., *Bot. Jahrb.* 56(Lit.): 41-42. 10 Feb 1921 (rev.).

23.254. *Philippine Palms and Palm Products ...* Manila (Bureau of Printing) 1919. Oct. (*Philipp. Palms*).

Co-author: Elmer Drew Merrill (1876-1956), see TL-2/3: 425-429.

Publ.: 1919, cover-t.p., p. [1]-129, *pl. 1* (uncol. phot.). *Copy*: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Forestry no. 18, 1919.

23.255. *Philippine Fiber plants ...* Manila (Bureau of Printing) 1919. Oct. (*Philipp. Fib. pl.*).

Publ.: 1919, cover-t.p., p. [1]-115. *Copy*: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Forestry no. 19, 1919.

23.256. *Wild food plants of the Philippines ...* Manila (Bureau of Printing) 1920. Oct. (*Wild food pl. Philipp.*).

Publ.: 1920, cover-t.p., frontisp., p. [1]-165. *Copy*: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Forestry no. 21, 1920.

23.257. *Minor products of Philippine forests ...* Manila (Bureau of Printing) 1920-1921. Oct. (*Min. prod. Philipp. for.*).

Publ.: 1: 1920, p. [1-2], frontisp., 3-432.

2: 1921, frontisp., p. [1]-410.

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Copies: L. – Issued as Bull. Dept. Agric. Nat. Res. Bureau Forestry no. 22, 1920/1921.

Reprint: Aug 1953, "Reprinted with MSA-PHILCUSA Aid. Bulletin no. 22, etc." *Copy*: L.

23.258. *A textbook of general botany ...* Boston ... San Francisco (Ginn and Company) [1925]. Oct. (*Textbook gen. bot.*).

Publ.: 1925, p. [i]-xi, 1-484. *Copy*: L.

Browne, [Lady] **Isabel Mary Peyronnet** (1881-1947), British botanist, studied at University College, London, from then on private researcher with F.W. Oliver at University College. (*I. Browne*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 265 (b. 6 Nov 1881, London, d. 8 Jun 1947); Desmond p. 98; IH 2: 101; Kew 1: 397-398.

BIOFILE: Arber, A., Proc. Linn. Soc. London 159: 154-158. 1947 (obit., list publ.).

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Ref.: Oliver, F.W., Bot. Centralbl. 111(35): 234. 31 Aug 1909.

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Publ.: [1]: Jul 1912 (in journal), cover-t.p., p. [663]-703, *pl.* 64-65 (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from Ann. Bot. 26(103): 663-703, *pl.* 64-65. 1912.

[2]: Apr 1915 (id.), cover-t.p., p. [231]-264, *pl.* 12-14 (id.). *Copies*: B, L. – Id. 29(114): 231-264, *pl.* 12-14. 1915. – “A second contribution to our knowledge of the anatomy ... *Equisetum*”.

[3]: Apr 1920 (id.), cover-t.p., p. [237]-263, *pl.* 8-9 (id.). *Copy*: L. – Id. 34(134): 237-263, *pl.* 8-9. 1920. – “A third ...”.

[4]: Jul 1921 (id.), cover-t.p., p. [427]-456, *pl.* 21 (id.). *Copy*: L. – Id. 35(139): 427-456, *pl.* 21. 1921. – “A fourth ...”.

[5]: Jul 1933 (id.), cover-t.p., p. [459]-475. *Copy*: L. – Id. 47(187): 459-475. 1933. – “A fifth ...”.

[6]: Jul 1941 (id.). – Id. ser. 2. 5(19): 425-453. 1941. – “A sixth ...”.

Correction (for 1, 1912): Jan 1913 (in journal), cover-t.p., p. [1] note. *Copy*: L. – Id. 27(105): 168. 1913.

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Publ.: Mar 1914 (in journal), p. [93]-96. *Copy*: L. – Reprinted and to be cited from New Phytol. 13(3): 93-96. 1914.

Note: For Solms-Laubach, *Tietea singularis* see Z. Bot. 5: 673-700, *pl.* 6-7. 1913 (TL-2/12.412).

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23.264. *Anatomy of Equisetum giganteum ...* Reprinted for private circulation from The Botanical Gazette, ... 1922. Oct.

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Publ.: Oct 1923 (in journal), cover-t.p., p. [595]-604. *Copy*: L. – Reprinted and to be cited from Ann. Bot. 37(148): 595-604. 1923.

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Publ.: 23 Sep 1925 (in journal), cover-t.p., p. [i, recto of 48], [48]-62. *Copy*: L. – Reprinted and to be cited from *Bot. Gaz.* 80(1): 48-62. 1925.

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Publ.: Dec 1925 (in journal), p. [305]-308. *Copy*: L. – Reprinted and to be cited from *New Phytol.* 24(5): 305-308. 1925.

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Publ.: 15 Dec 1933 (date in reprint), cover-t.p., p. 344-358. *Copy*: L. – Reprinted and to be cited from *New Phytol.* 32(5): 344-358. 1933.

***Browne, Patrick** (1720-1790), Irish naturalist and physician, born at Woodstock (Mayo), went to Antigua 1737 but had to return because of illness, studied natural sciences, especially botany, in Paris and (with Gronovius) in Leiden, Dr. med. Lugd. 1743, practised in London 1744-1745, went to the West Indies (Barbados, Montserrat, Antigua, St. Christopher (St. Kitts), settling as a physician in Jamaica 1746, collected ib. 1746-1755, returned to England 1755, visited Montserrat and Antigua again ca. 1781, retired to Ireland, died in Rushbrook, County Mayo. (*P. Browne*).

HERBARIUM and TYPES: See TL-2/1: 371.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 85; Barnhart 1: 265; BB p. 25, 50; BM 1: 262; Dawson p. 176, 544, 868; Desmond p. 98 (d. 29 Aug 1790, Rushbrook, County Mayo); DNB 7: 53; Dryander 3: 188; GF p. 52; Hortus 3: 1189; Jackson p. 370; Kew 1: 398; KR p. 107; Lasègue p. 488; LS 4179; NI 255; Plesch p. 159-160; PR 1253; Rehder 1: 334; RS p. 76-77; SO 636, 637, 1987, 2538; TL-1: 56; TL-2/1: 371-372 and see indexes; Tucker 1: 117, 767; Zander ed. 10, p. 639, ed. 11, p. 726.

BIOFILE: Anon., *Neue Z. Gel.-Sach.* 1757(1): 153-155. 3 Mar 1757; *Trans. Linn. Soc.* 10: 414. 1811; *Bot. Mag.* 1842, *pl.* 3964; *J. Bot.* 58: 276. 1920.

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(2) See C. Linnaeus, TL-2/4806, *Fl. jamaic.* 1759. – Mainly based on P. Browne *Civ. nat. hist. Jamaica* 1756.

Brož, Otto (fl. 1914), Austrian phytopathologist at the k.k. landwirtschaftlich-bakteriologischen und Pflanzenschutzstation in Wien. (*Brož*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 265; LS suppl. 3943-3955.

23.272. *Die Moniliagefahr ...* Separatabdruck aus "Der Obstzüchter" ... 1913. Oct.
Publ.: 1913, p. [1-3]. *Copy*: L. – Reprinted and to be cited from *Obstzüchter* 1913(7): 198-200.

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Publ.: 1 Sep 1915 (date on p. 5), p. [1]-5, [6, adv.]. *Copy*: L. – Reprinted and to be cited from *Wiener landwirtsch. Z.* 70: 533-537. 1915.

***Bruce, James** (1730-1794), Scottish traveller, born at Kinnaid nr. Stirling, Laird of Kinnaid 1758, of independent means, educated at Harrow, engaged in the Portuguese wine trade 1753, visited Spain and Portugal 1754, studied antiquities in Italy, travelled in the mediterranean area visiting Palmyra and Baalbec, in Egypt 1768, sailed up the Nile to Assuan, crossed over land to the Red Sea, at Masuah 1770, explored the sources of the Blue Nile, went to Sennar (Nubia) and Assuan 1772, returned to England 1774, died of a fall down his front steps. (*Bruce*).

HERBARIUM and TYPES: See TL-2/1: 372.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 86; Barnhart 1: 266 (b. 14 Dec 1930, Kinnaid, d. 27 Apr 1794, ib.); BB p. 51; BM 1: 262, 6: 148; Dawson p. 177-179; Desmond p. 99; DNB

7: 98-102; DSB 2: 530 (A. Hansen); IH 2: 102; Kew 1: 399; PR 1256, ed. 1: 1391; Rehder 1: 486 (further details); RS p. 56; TL-1: 56; TL-2/1: 372-373 and see indexes; Tucker 1: 118; Zander ed. 11, p. 728.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 163.7. 1980.

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Smith, E., Life Joseph Banks 39, 174. 1911.

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Publ.: 1: 1790, p. [i*-xii*], [i]-lxxxiii, [1]-535, 9 pl.

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Copies: Teylor, Harvard Univ. Libr.

Ed. 2: 1804, 7 vols. and atlas.

Ed. 3: 1813, 7 vols. and atlas.

Note: See TL-2/1: 372.

Bruch, Carl [Karl] Ludwig (fl. 1758), German physician from Bergzabern, Pfalz, studied at the University of Strasbourg, Dr. med. ib. 22 Mai 1758. (*C.L. Bruch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 263; Dryander 3: 471; PR 1257, ed. 1: 1393.

23.275. *Dissertatio inauguralis medica de Anagallide* quam sub divini numinis auspicio ex decreto gratiosae facultatis medicae pro licentia summos in arte medica honores et privilegia doctoralia rite consequendi publice defendet ... die [xxii, pencil note] maji mdcclviii. H.L.Q.C. Argentorati (Typis Simonis Kürsneri, Cancellariae Typographi) [1758]. Qu. (*Diss. inaug. Anagall.*).

Publ.: 22 Mai 1758 (date on t.p.), p. [i-iv], [0], [0], [1]-49. *Copy*: BM, WU.

***Bruch, Philipp** (1781-1847), German "Apotheker", born in Zweibrücken 11 Feb 1781, educated in Mainz (pharmacy), studied in Marburg and Paris, took over his father's pharmacy at Zweibrücken, amateur botanist especially bryologist, worked with D.J. Koch and W.P. Schimper (Strasbourg), died 11 Feb 1847 on his 66th birthday. (*Bruch*).

HERBARIUM and TYPES: BR (361), F (121), G, KIEL, L, M, PC.

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 375-376; Barnhart 1: 266; BM 1: 263, 6: 149; CSP 1: 668; DTS 1: 36; Frank 3(Anh.): 15; Hortus 3: 1189; IH 2: 102; Kew 1: 399; Lasègue p. 259, 545, 565; MD p. 70; NI 2: 25; PR p. 44; TL-1: 57-63; TL-2/1: 373-379 and see indexes.

BIOFILE: Anon., Flora 30: 148. 7 Mar 1847 (d. 11 Feb 1847); Bot. Zeit. 5: 231. 26 Mar 1847, 7: 722, 733. 1849; Bot. Not. 1849: 88.

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Publ.: 1829, p. [277], [279]-286, pl. 10-11 (uncol.). *Copies*: HH, NY. – Reprinted and to be cited from *Abh. bay. Akad. Wiss.* 1: 277-286, pl. 10-11. 1829.

Bruchmann, Helmut (1847-1920), German (Pommeranian) botanist, studied at the University of Jena, student of Strasburger, at Tharand 1878 delivering a course of lectures in forestry, teacher of mathematics and physics at Gotha 1879 until circa 1905, retired to the Riviera and visited Sicily, Tunisia and Algeria, ultimately in Gotha. (*Bruchm.*.)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 266 (b. 13 Nov 1847, d. 25 Dec 1920); BJI 1: 7; BM 1: 263; Kew 1: 399; LS 31.633; Moebius p. 127, 128, 135, 337.

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Publ.: Sep-Nov 1896 (Bot. Zeit. 16 Dec 1898, Bot. Centralbl. 28 Dec 1898, Nat. Nov. Dec (1) 1898, Flora 28 Jan 1899), p. [i, iii], [1]-119, [120, impr.], pl. 1-7 (uncol. liths. auct.). *Copies*: L; IDC 7168/1.

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Publ.: 24 Mar 1906 (in journal), p. [203]-230, *pl.* 1-2. 1906. *Copy*: L.

Ref.: Solms-Laubach, M.C.L.F. zu, Bot. Zeit. 64(II): 180-181. 16 Jun 1906 (rev.).

23.281. *Vom Prothallium der grossen Spore* und der Keimesentwicklung *einiger Selaginella-Arten* ... Jena (Verlag von Gustav Fischer) 1908. Oct.

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Bruck, Werner Friedrich (1880-?), German (Breslau born) phytopathologist, Dr. phil. Leipzig 1904, habil. for colonial botany at the University of Giessen 1907, private lecturer at id. 1911, extra-ordinary professor at id. 1913. (*Bruck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 266 (b. 23 Aug 1880, Breslau); *Kew* 1: 399; *LS* 985, 4184, 30.597, 31.634-31.638; *LS* suppl. 3957.

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Bruckmüller, A. (fl. 1851), Austrian "Korrepitor" at the kaiserl. königl. Thierarznei-Institute in Vienna. (*Bruckmüller*).

HERBARIUM and TYPES: Unknown.

23.292. *Grundzüge der allgemeinen und speciellen Botanik für Thierärzte ...* Wien (Wilhelm Braumüller, ...) 1851. Oct. (*Grundz. Bot. Thierärzte*).

Publ.: 1851, cover-t.p., verso of cover-t.p. (adv.), p. [i-vi], [1]-97. 1851. *Copy*: L.

Brückner, Gerhard (1902-x), German botanist, Berlin-Lichterfelde born 4 Jan 1902, educated at the Schillergymnasium at Berlin-Lichterfelde, studied at the Friedrich-Wilhelms-Universität at Berlin 26 Apr 1920-1925, with e.g. L. Diels, A. Engler, K.O.P.R.R. Graebner, and R.K.F. Pilger, from Mai 1925 employed by the Preussische Versuchs- und Forschungsanstalt für Getreideverarbeitung und Veredelung in Berlin, Dr. phil. Berlin 1926. (*G. Brückn.*).

HERBARIUM and TYPES: If any at B.

BIBLIOGRAPHY and BIOGRAPHY: *Kew* 1: 399; *Zander* ed. 10, p. 641; ed. 11, p. 728.

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Publ.: 12 Oct 1926 (date of defense thesis), p. [i-ii], [1]-70, [71-72], *pl. 1-7* (uncol. liths.).

Copy: B.

Periodical issue: 1 Dec 1926, p. [1]-70, [71], 72, *pl. 1-7* (uncol. liths.). *Copy:* U. – Issued as Bot. Jahrb. 61(1), Beibl. 137 as above.

Brügger, Christian Georg (1833-1899), Swiss (Churwalden nr. Chur born) biologist and geographer, attended schools in Brig, Chur and St. Gallen, studied at the University of München with e.g. Otto Sendtner, and at Innsbruck, curator of the botanical museum at the botanical garden of the Zürich Polytechnic 1859-1870, professor of natural history and geography at the Kantonschule of Chur as well as director of the natural history collections of the Rhätischen Museum 1870-1899. (*Brügger*).

HERBARIUM and TYPES: K, L.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 153, 2(1): 153, 4: 788, 5(1): 623; Barnhart 1: 267 (b. 11 Mar 1833, Churwalden, d. 16 Oct 1899, Chur); BJI 1: 7; BL 2: 558, 573; BM 1: 261; CSP 1: 672; De Toni 1: xvii, 2: xvi; DTS 1: 36-37; GR p. 638; Hegi 4(2): 969, 1043; Hortus 3: 1189; IH 2: 102; Jackson p. 344; Kew 1: 400; LS 4193; Morren ed. 10, p. 109; Nordstedt p. 10; PR 1269; Rehder 5(index): 128; TL-2/11.641, see also J. Seiler; Tucker 1: 118; Zander ed. 10, p. 641, ed. 11, p. 728.

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Murr, J., Neue Uebersicht über die Farn- und Blütenpflanzen von Vorarlberg und Liechtenstein 1-2: xv. 1923.

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by Bruegger; Zellenpflanzen (p. 29-46) by E. Killias (see TL-2/2: 541).

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***Bruehl, Paul Johannes** (1855-1935), German botanist, born in Weifa, Sachsen, travelled in Turkey, Asia minor and Armenia 1878-1881, lecturer and professor of natural sciences, Rajshahi College Sibpur 1882-1912, professor of botany at Calcutta 1918-1928. (*Bruehl*).

HERBARIUM and TYPES: Material in CAL.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 267 (b. 25 Feb 1855, Weifa, Sachsen); *BJI* 1: 7; *BM* 1: 264, 981; *Desmond* p. 100; *Hortus* 3: 1189; *Kew* 1: 400; *MW* p. 56; *NI* 256; *TL-2/1*: 380; *Tucker* 1: 118.

BIOFILE: Anon., *Kew Bull* 1927(3): 142 (rev. of *Sikkim Orchids*, see *TL-2/1*: 380); *J. Bot.* 65: 157. 1927 (id.); *Who was who* 3(1929-1940): 179. 1947.

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2: 8 Mai 1931 (id. p. 152), cover-t.p., p. [i-vii], [1]-152. – Id. 13(2), 1931.

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Gepp, A., J. Bot. 69: 246-247. Sep 1931.

Brues, Charles Thomas (1879-1955), Entomologist, ecologist, professor of economic entomology at Harvard 1909-1945, also with U.S.D.A. and curator of invertebrate zoology at Milwaukee Public Museum and **Beirne Brues**, née Barrett, wife of C.T. Brues since 16 Jun 1904. (*C.T. Brues* and *B. Brues*).

HERBARIUM and TYPES (of B. Brues): GH, NY (67), SMU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 267 (b. 20 Jun 1879, Wheeling, W. Va.) (C.T.B.); Ewan ed. 1: 173 (C.T.B.), ed. 2: 107 (C.T.B.); IH 2: 102 (B.B.); SK 1: 84-85 (B.B.).

BIOFILE: Anon., Amer. men sci. ed. 1: 43. 1906 (C.T.B.); J. New York Bot. Gard. 9: 60. 1908 (C.T.B.).

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Co-author: Beirne [Barrett] Brues (wife of C.T.B.).

Publ.: Nov 1911 (date on cover-t.p.), cover-t.p., p. [57]-76, pl. 7-9 (uncol. phot.). *Copy*: NY. – Reprinted and to be cited from Trans. Wisconsin Acad. Sci. 17(1): 57-76, pl. 7-9. 1911.

Bruggeman, Marie Louis Abraham (1894-1982), Dutch botanist, educated at the Horticultural School at Frederiksoord, assistant curator at the Mountain Garden at Tjibodas, W. Java (Indonesia) 1921-1927, subsequently transferred to the Buitenzorg (Bogor) Botanical Gardens. (*Bruggeman*).

HERBARIUM and TYPES: BO, L. – See Steenis-Kruseman, M.J. van, Fl. Males. ser. 1. 1: 85. 1950 (834 plants from the Mt. Gedeh Nature Reserve at BO).

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 102; Kew 1: 401; Plesch 160; SK 1: 85.

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- Ed.* 2: 1948, n.v.
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Bruhin, Thomas Aquinas (baptized Gottfried) (1835-1896), Swiss catholic priest of the order of St. Benedict (O.S.B.), active at Mehrerau near Bregenz, Vorarlberg, Austria 1866, St. Gerold nr. Bludenz, id. 1868-1869, in the U.S. 1869-1885, at Neu-Cöln, Wisconsin 1869-1875, Centreville, Wisconsin 1875-1877, Potosi-Grant Co., Wisconsin 1877-1881, Columbus, Ohio 1881-1885, Thun, Switzerland 1885-1889, in retirement pastor at Basel. (*Bruhin*).

HERBARIUM and TYPES: BREG.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 136; Barnhart 1: 268 (b. 21 Mai 1835, Schwyz, d. 1896, Basel); BL 1: 158, 221, 2: 558, 567, 584, 635; BM 1: 265; CSP 7: 283-284; DTS 1: 37-38, 6(4): 126; IH 2: 102; Jackson p. 300, 366; Kew 1: 401; PR 1276-1277; Rehder 5(index): 128-129; Tucker 1: 118.

BIOFILE: Anon., Nat. Nov. 21: 250. 1899 (d. Basel).

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Publ.: [1]: 1863, p. [1]-30. *Copy*: G. – Pages 31-42 School program.

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Schlechtendal, D.F.L. von, *Bot. Zeit.* 24(3): 22-23. 19 Jan 1866.

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Ref.: BR 1: 158.

Bruhne, Karl [Heinrich Hartwig Franz] (fl. 1894), German phytopathologist, Dr. phil. Halle 1894. (*Bruhne*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 268; *CSP* 13: 865; *Kew* 1: 401; *LS* 4196.

23.316. *Hormodendron Hordei*. Ein Beitrag zur Kenntnis der Gerstenkrankheiten ... [Halle a. S. (Buchdruckerei des Waisenhauses) 1894]. Oct. (*Hormodendr. Hordei*).

Publ.: 1894, p. [1]-42, *pl.* (p.p. col. lith. auct.). *Copy*: B. – Issued in *W. Zopf*, *Beitr. Physiol. Morph. nied. Org.* 4: 1-42. 1894. – Inaugural-Dissertation, Univ. Halle.

Bruijn, Ary Johannes de (1811-1895), Dutch army horse veterinarian and amateur botanist, born at Delft, with the War Department trained to become a military veterinarian, apprentice 1829-1834, veterinarian first class 1834, adjunct 1834-1840 at Tilburg, from 1845 again on active duty. (*Bruijn*).

HERBARIUM and TYPES: NBV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 268 (b. 12 Sep 1811, Delft, d. 26 Mar 1895, 's Gravenhage); IH 2: 103; NNBW 2: 268-269.

BIOFILE: Boerlage, J.G. and P.P.C. Hoek, Bibl. Fl. fauna Nederland 1753-1886, in Alg. Aardrijksk. Bibl. Nederland 2: 21, 27, 31, 38, 40. 1888 (bibl.).

Esveld, D.F. van et al., eds., Tijdschrift Veeartsenijkunde en veeteelt 22: 295. 1895 (obit. not.). Suringar, W.F.R., Ned. kruidk. Arch. ser. 3. 1: 8-9. 1899 (obit. not.).

23.317. *Revisie der Rumices ...* 1^c Bijlage tot de 35^e Jaarvergadering der Ned. Bot. Vereeniging 29 Juli 1882 ... [1883]. Oct.

Publ.: 1883 (in journal), p. [1]-5. *Copy*: L. – Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 4: 38-42. 1883.

Bruinsma, Vitus (fl. 1906), Dutch mycologist. (*V. Bruinsma*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 268; LS 4198.

COMPOSITE WORKS: (1) With Frederike Johanna von Uildriks (fl. 1898) *Plantenschat*; see TL-2/15.434.

(2) See A. Kerner, *Pflanzenleben* (TL-2/3599), Dutch translation by Vitus Bruinsma: *Het leven der planten* s.d. [1902].

23.318. *Paddestoelen*. Beschrijving en afbeelding van de meest veelvuldig voorkomende paddestoelen, eetbare en vergiftige ... Groningen (P. Noordhoff). 1906. Oct. (*Paddestoelen*).

Publ.: 1906 (*Hedwigia* 8 Aug 1906), p. [i]-vi, [vii-viii], [1]-122, *pl. 1-12* (col. liths.). *Copy*: L.

Brumhard, Philipp (1879-?), German, born at Klein-Helmsdorf bei Osterfeld, Thüringen, educated at the "Vorschule" and the "Realgymnasium" at Weimar, studied at the universities of Breslau and Jena, Dr. phil. Breslau 1905. (*Brumh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 268 (b. 21 Oct 1879); BJI 2: 21; Hortus 3: 1189; Kew 1: 401; LS 31.643; Zander ed. 10, p. 641, ed. 11, p. 728.

23.319. *Arbeit aus dem Botanischen Garten der Universität Breslau. Monographische Übersicht der Gattung Erodium*. Inaugural-Dissertation, welche nebst beigefügten Thesen mit Genehmigung der hohen philosophischen Fakultät der Königl. Universität Breslau zur Erlangung der philosophischen Doktorwürde am Freitag, den 14. Juli 1905, vormittags 11 Uhr, in der Aula Leopoldina ... Breslau (Buchdruckerei H. Fleischmann) 1905. Oct. (*Monogr. Übers. Erodium*).

Publ.: 14 Jul 1905 (date of defense thesis; Bot. Centralbl. 14 Nov 1905), p. [1]-59, [61, vita], [62, Thesen], 1 folding table. *Copies*: BKL, G, L.

Ref.: Ulbrich, E., Bot. Jahrb. 37(Lit.): 26-28. 27 Feb 1906 (rev.).

***Brumpt, Émile Josef Alexandre** (1877-1951), French parasitologist, connected with the Paris hospitals, assistant at the Faculté de Médecine, Paris, "Chef des travaux pratiques" at the Colonial medical institute, Paris. (*Brumpt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 66, 323; BM 6: 149; DSB 2: 533-534 (bibl.) (H. Gaillard); LS 4199, 31.644-31.645, 41.072; LS suppl. 3969; TL-2/1: 381.

BIOFILE: Gaillard, H., *Annales Parasit. hum. comp.* 27: 5-46. 1952 (bibl., portr.).

23,320. *Les Mycétomes ...* Paris (Asselin et Houzeau ...) 1906. Oct.

Publ.: 1906, p. [iii, sic]-xv, [1]-94, pl. 12-19. *Copy*: B. – Reprinted and to be cited from *Arch. Parasitol.*, Paris 10(4): 489-572. 1906. – Thèse Fac. Méd. Paris 1906, 94 p.

***Brun, Jacques-Joseph** (1826-1908), Swiss pharmacist and diatomist at Genève, educated by his maternal grandfather, physician at Verney, studied pharmacy at Genève and Paris (École de Pharmacie, with Balard), settled in Genève as pharmacist, from 1876-1900 professor of pharmacology at the Faculté de Médecine de Genève, in addition a diatomist especially dealing with the Alps and the Jura. (*Brun*).

HERBARIUM and TYPES: G (acquired 1899: 6.800 taxa in 4936 preparations), further material at AWH, LAU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 268 (b. 9 Aug 1826, Genève, d. 12 Nov 1908, ib.); BM 1: 265, 6: 150; CSP 13: 867; De Toni 1: xviii, 2: xvii, 4: ix; IH 2: 102; Jackson p. 278, 343; Kew 1: 403; KR p. 107; MW p. 56; Nordstedt p. 10; TL-2/1: 381-382.

BIOFILE: Baehni, C., *Hist. sci. Genève* 48. s.d.

Beauverd, G., *Bull. Herb. Boissier ser. 2.* 8: 982. 1908.

Briquet, J.J., *Bull. Soc. bot. Suisse* 50a: 94-98. 1940 (detailed biogr., sources dedication, list of 35 publications); *Journal de Genève* 24 Nov 1908; *Annuaire Cons. Jard. bot. Genève* 4: 3-4. 1900, 5: 3-4. 1901, 6: 176. 1902, 7-8: 337-338. 1904, 10: 4. 1906.

Fryxell, G.A., *Beih. Nova Hedwigia* 35: 360. 1975.

Gager, C.S., *Brooklyn Bot. Gard. Record* 27(3): 337. 1938 (dir. garden of Conservatoire de Genève 1874-1879).

Julliard, Ch., *Cat. ouvrages, articles et mémoires publ. par les professeurs ... de l'Université de Genève* 181. 1909.

Koster, J. Th., *Taxon* 18: 550. 1969.

Miège, J., ed., *Saussiares* 6(1975) (cover with portrait of Brun).

Sarasin, C.F., *Mém. Soc. Phys. Hist. Nat. Genève* 36: 21-22. 1909.

Stafleu, F.A., *Taxon* 15(6): 238. 1966.

VanLandingham, S.L., *Cat. Diat.* 4: 2292-2293, 6: 3513-3514, 7: 4153.

Wornardt, W.W., *Int. direct. diatomists* 33. 1968.

NOTE: Additional information on TL-2/851, *Diatom. Alpes* 1880: notes on publication: *Bot. Zeit.* 5 Dec 1879, *Nat. Nov.* announced the book in Nov and Dec 1879 as "1879". The book was published with a t.p. dated 1880. It is evident that actually the book was available in Nov-Dec 1879 and it should be cited from that date. The review of the book by *Bull. Soc. bot. France* 26(Bibl.): 226-227. Feb 1880 dates the book also at 1879, idem N.L., *Bot. Zeit.* 37: 798. 5 Dec 1879. – See also A. Grunow, *Bemerkungen zu J. Brun's Diatomeenflora der Alpen*, *Bot. Centralbl.* 1/2(7/8): 248-255. 1880 (mss. dated 3 Apr 1880).

23,321. *Diatomées espèces nouvelles, marines, fossiles ou pélagiques ...* Genève (Imprimerie Aubert-Schuchardt) 1891. Qu. (*Diatomées*).

Publ.: 1891 (*Bot. Zeit.* 30 Oct 1891, *Nat. Nov.* Sep (2) 1891), p. [1]-47, [48], loose leaf err., pl. 11-12 (uncol. phot.). *Copies*: G(2). – Issued as *Mém. Soc. Phys. Hist. Nat. Genève* 31(2), no. 1. 1891.

Ref.: Pantocsek, J., *Bot. Centralbl.* 48(45/46): 170-171. 19 Nov 1891 (rev.).

23,322. *Diatomées du Lac Léman ...* Bulletin de l'Herbier Boissier ... 1901. Oct.

Publ.: 30 Jan 1901 (date on p. [1]), p. [1]-12. *Copies*: G, U. – Reprinted and to be cited from *Bull. Herb. Boissier ser. 2.* 1(2): 117-128. 1901.

23.323. *Diatomées d'eau douce de l'île Jan Mayen* et de la côte est de Groenland. Recoltées par l'expédition suédoise de 1899 ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1901. Oct. (*Diatom. Jan Mayen*).

Publ.: 1901 (read 12 Dec 1901, Nat. Nov. Dec (1) 1901), p. [1]-22, *pl. 1* (map)-2 (uncol. lith.). *Copies*: L, U. – Issued as Bihang K. Sv. Vetensk.-Akad. Handl. 26(III), no. 28. – See also KR p. 107, no. 1.

Brunaud, Paul (fl. 1877-1897), French solicitor and mycologist at Saintes (Charente maritime). (*Brunaud*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 269; BJI 1: 7; BL 2: 138; CSP 9: 378, 13: 867-868, 12: 128; GR p. 309; Jackson p. 290; Kew 1: 403; LS 4201-4246; Morren ed. 10, p. 68; Rehder 1: 415; Stevenson p. 1237; Tucker 1: 118.

23.324. Contributions à la flore mycologique de l'Ouest. *Description des Mélanconiées* trouvées dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... [Caen (Typ. F. Le Blanc-Hardel) 1882]. Oct.

Publ.: 1882, p. [1]-22. *Copy*: B. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 3. 6: 134-155. 1882.

23.325. Contributions à la flore mycologique de l'Ouest. *Descriptions des Trémelliniées* trouvées dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... [Caen (Typ. F. Le Blanc-Hardel) 1883]. Oct.

Publ.: 1883, p. [1]-10. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 3. 7: 158-167. 1883.

23.326. Contributions à la flore mycologique de l'Ouest. *Description des Périssporiacées* trouvées dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... [Caen (Typ. F. Le Blanc-Hardel) 1883]. Oct.

Publ.: 1883, p. [1]-21. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 3. 7: 357-377. 1883.

23.327. Contributions à la flore mycologique de l'Ouest. *Descriptions des Ascomycètes (Elaphomyces, Tubercacées, Onygenées)* trouvées dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... Extr. Annales Soc. Sciences nat. La Rochelle [1883]. Oct.

Publ.: 1883, p. [1]-8. *Copies*: B, L. – Reprinted and to be cited from Ann. Soc. Sci. nat. La Rochelle 19: 257-264. 1883.

23.328. Contributions à la flore mycologique de l'Ouest. *Descriptions des Phycomycètes* trouvés dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... [Bordeaux (Imprimerie J. Durand ...) 1884]. Oct.

Publ.: 1884, p. [1]-18. *Copies*: B(2), L. – Reprinted and to be cited from Actes Soc. Linn. Bordeaux 38: 47-64. 1884.

23.329. Contributions à la flore mycologique de l'Ouest. *Descriptions des Myxomycètes* trouvés dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... [Bordeaux (Imprimerie J. Durand, ...) 1884]. Oct.

Publ.: 1884, p. [1]-20. *Copy*: L. – Reprinted and to be cited from Actes Soc. Linn. Bordeaux 38: 65-84. 1884.

23.330. Contributions à la flore mycologique de l'Ouest. *Descriptions des Ustilaginées* trouvés dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... [Act. Soc. Linn. Bordeaux ... 1885]. Oct.

Publ.: 1885, p. [11]-18. *Copy*: B. – Reprinted and to be cited from Actes Soc. Linn. Bordeaux 39: 11-18. 1885.

23.331. Contributions à la flore mycologique de l'Ouest. *Descriptions des Urédinées* trouvées dans les environs de Saintes et dans quelques autres localités de la Charente-Inférieure et de la Charente ... [Act. Soc. Linn. Bordeaux ... 1885]. Oct.

Publ.: 1885, p. [19]-77. *Copy*: B. – Reprinted and to be cited from Actes Soc. Linn. Bordeaux 39: 19-77. 1885.

23.332. Flore mycologique des environs de Saintes (Charente-Inférieure) Tome I. – *Agaricinées leucospores* ... Bordeaux et Paris (Feret et fils, ... G. Masson ...) 1885. Oct.

Publ.: 1885, p. 1-93. *Copy*: B. – Reprinted and to be cited from Ann. Sci. nat. Bordeaux 4(Mém. 2): 1-93. 1885.

23.333. *Sphaeropsidées nouvelles* rares ou critiques récoltées aux environs de Bordeaux ... [Journal d' Histoire naturelle de Bordeaux et du Sud-Ouest ... 1886]. Oct.

Publ.: 1886, p. [1]-8. *Copy*: B. This copy reprinted and to be cited from J. hist. nat. Bordeaux p. 769-776 (n.v.), but the same article was published in Rev. mycol. 8: 139-142. 1 Jul 1886.

23.334. Espèces et variétés nouvelles de *Sphaeropsidées* trouvées aux environs de Saintes ... [Extrait du Journal de Botanique ... 1887]. Oct.

Publ.: 1 Jul 1887 (in journal, Nat. Nov. Sep (1) 1887), p. [1]-3. *Copy*: B. – Reprinted and to be cited from J. Bot. [Morot] 1(1): 153-155. 1887.

23.335. *Miscellanées mycologiques* ... première série ... [Act. Soc. Linn. Bordeaux ... 1888]. Oct.

Publ.: 1888, p. 85-104. *Copy*: B. – Reprinted and to be cited from Actes Soc. Linn. Bordeaux 42: 85-104. 1888.

[2]: 1890, 2^e série, p. [1]-59. *Copies*: B(2). – Id. 44: 211-273. 1890.

[3]: 1897, 3^e série, in id. 52: 133-149. 1897. – No reprint seen.

23.336. *Liste des Hyménomycètes* récoltés jusqu'à ce jour dans la Charente-Inférieure ... [Saintes, 1889]. Oct.

Publ.: Nov-Dec 1889 (p. 77: 19 Nov 1889), p. [1]-77. *Copies*: B(2). – Reprinted and to be cited from Actes Soc. Linn. Bordeaux 43: 321-395. 1889.

Supplément à la liste des Hymenomycètes ... 1894 (p. 20: 28 Jun 1894), p. [1]-20. *Copy*: B. – Id. 46: 341-360. 1894.

23.337. *Sphaeropsidées* récoltés jusqu'à ce jour dans la Charente-Inférieure ... [Ann. Soc. Sci. Charente-Inf. ... 1890]. Oct.

Publ.: 1890 (mss. closed 17 Dec 1889), p. [51]-140. *Copy*: B. – Reprinted and to be cited from Ann. Soc. Sci. Charente-Inf. 62: 51-140. 1890.

23.338. *Sphéropsidées nouvelles* ou rares récoltées à Saint-Porchaire, à Fouras et à Saintes (Char.-Infér.) ... Extrait du Bulletin de la Société botanique de France ... 1893. Oct.

Publ.: 1 Sep 1893 (p. 221-224 in CRS 3, p. 225 in CRS 4: 28 Feb 1894, fide Leussink, Taxon 35(2): 260. 1986), p. [221]-225. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 40: 221-225. 1893 (p. 225: 1894).

***Brunchorst, Jørgen** (1862-1917), Norwegian botanist, museum director, politician and diplomate, born in Bergen, studied at Kristiania (Oslo) and continued his University studies at Würzburg 1880-1882 with Julius Sachs, in Berlin 1883, assistant with Pfeffer at Tübingen until 1886, Dr. phil. Tübingen 1886, curator of the Bergen Museum 1886, director ib. until 1906, director of the botanical garden ib. 1897-1906, in diplomatic service from 1906, consul at Havana 1907-1908, ultimately at Stockholm 1916 and Rome 1916-1917. (*Brunch.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 269 (b. 10 Aug 1862, Bergen, d. 20 Mai 1917, Rome); BM 1: 266; CSP 13: 868; Frank 3(Anh.): 15; Kleppa p. 319 [index, numerous refs.]; LS 4247-4259, 31.647; Moebius p. 241, 322; Rehder 5(index): 129; Stevenson p. 1237; TL-2/1: 382; Tucker 1: 118.

BIOFILE: Anon., Bot. Centralbl. 27(30/31): 135. 1886 (left Tübingen, appt. curator botanical division Museum Bergen); Bot. Not. 1899: 69; Jahrb. wiss. Bot. 56: 807. 1915 (assistant with Pfeffer, 1 publ.); Nature 99: 267-268. 1917.

Gran, G., Norsk biogr. Leks. 2: 245-250. 1925 (main biography, b. Bergen 10 Aug 1882, died in Rome 19 Mai 1917).

Holmboe, J., Naturen, Bergen 41: 129-131. 1917 (portr.); Forhandl. Vid.-Selsk. Kristiania, Oversigt ... Møter 1918: 76-79. 1919 (obit.).

Jørgensen, P.M., Nytt fra Univ. i Bergen 22: 6-7. 1986 (sketch of B. in article on 100 yrs. botany in Bergen; portr.).

Kolderup, C.F., Bergens Museum Aarsber. 1916-1917: 5-7 (portr.); Bergens Museum Årbok 1925: 96-100 (portr. on p. 513).

Wille, N., Bot. Centralbl. 27(9). 1886 (3 p. reprint); Naturen, Bergen 30: 257-271. 1906 (portr.).

Wittrock, V., Acta Horti Berg. 3(2): 169. 1903, 3(3): 183. 1905 (on portr.).

NOTES: (1) Thesis for Ph.D. at Tübingen (with Pfeffer): *Über die Wurzelanschwellungen von Alnus und den Elaeagnaceen*, Leipzig 1886, 2, 26 p., 1 pl., reprinted from *Untersuchungen aus dem Botanischen Institut zu Tübingen* 2, 1884-1886 (n.v.) (Nat. Nov. Apr (2) 1886), see also M. Büsgen, Bot. Zeit. 45: 153-154. 11 Mar 1887 (rev.).

(2) Major publication (not seen by us): *De viktigste Plantesyddomme en populaer fremstilling af nytte-planternes sundhedslaera ...* Bergen 1887, p. viii, 265 p. Oct. (Nat. Nov. Aug (1) 1887).

23.339. *Udvikling, liv og formering i planteriget*. 2-den udgave ... Bergen (Ed. B. Giertsens Forlag) 1901. Oct.

Publ.: Ed. 1 (n.v.): Bergen 1890, 199 p. *Tolv populaere foredrag om udvikling, liv of formering i planteriget*.

Ed. 2: Jan-Jun 1901 (Nat. Nov. Jul (2) 1901), cover-t.p., p. [i-vii], [1]-215. *Copy*: B. -See Kleppa p. 49.

Brundin, Johan Alfred Zakarias (1871-?), Swedish biologist from Torstuna, Uppland, studied at the secondary grammar school at Västerås 1889, phil. cand. University of Uppsala 1892, fil. lic. ib. 1897, fil. dr. 1898, teacher in mathematics and natural history at Jakobs secondary school in Stockholm 1904, lecturer in biology and chemistry at the secondary school at Malmö 1906, id. at Växjö 1911. (*Brundin*).

HERBARIUM and TYPES: Some material at HH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 269 (b. 29 Jan 1871, Torstuna, Uppland); BM 1: 266; IH 2: 102; Kew 1: 403; KR p. 107 (main source).

23.340. *Bidrag till kännedomen om de Svenska fanerogama örternas skottutveckling och öfvervintring*. Akademisk Afhandling ... Upsala (Almqvist & Wiksells Boktryckeri-Aktiebolag) 1898. Oct. (*Bidrag Sv. fan. ört. skottutv.*).

Publ.: 1898, cover-t.p., p. [i], [1]-111. *Copies*: B, L. - See Krok p. 107, no. 2. - Thesis for "fil. dr."

Brundza, K. (fl. 1930-1939), Lithuanian microbiologist and moor-scientist at the L.U. Akademija, Dotnuva, Lithuania. (*Brundza*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Lipschitz 620(2), 1205; LS suppl.3971 (as "A. Brundza").

BIOFILE: Brunza, K., Information to *Chronica botanica*, Leiden, 1939 (in files TL-2).

23.341. *Medžiaga Lietuvos erysiphacejoms pažinti ... Beiträge zur Kenntnis der Erysiphaceen Litauens ...* Kaunas (Spindulio spaustuvė) 1934. Qu. (*Medž. Lietuv. erysiph.*).

Publ.: 1934, cover-t.p., p. [107]-197, pl. 1-2 (uncol.). *Copy*: B. – Reprinted and to be cited from *Jahrb. Landwirtsch. Akad. Litauen* 1933 (n.v.).

Brunel, Jules [Bienvenu] (1905-1986), Canadian botanist connected with the Université de Montréal 1921-1956, published widely on the algological flora of Canada with an emphasis on Desmidiaceae, marine Diatoms, and Dinophyceae, especially of the Province of Quebec. (*Brunel*).

HERBARIUM and TYPES: MT, further material at F, HH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 269 (b. 12 Apr 1905); IH 2: 102; Kew 1: 403; NAF ser. 2. 6: 58-59 (15 titles 1932-1961); NW p. 41; Roon p. 22.

BIOFILE: Brunel, J., mss. on activities, collections, and publications on Questionnaire IAPT in TL-2 files.

Holmgren, P.K., *Taxon* 32(2): 339. 1983 (algae at MT).

Koster, J.Th., *Taxon* 18: 550. 1969 (algae at MT).

Prescott, G.W., *Bibl. Desmid. Univ.* 77-78. 1984 (titles B531-B547).

Stafleu, F.A., *Taxon* 35(4): 935. 1986 (obit. not., b. 12 Apr 1905, d. 9 Mar 1986, herbarium at MT).

Stieber, M.T. and A.L. Karg, *Huntia* 5(3): 160. 1984 (mss.).

VanLandingham, S.L., *Cat. Diat.* 4: 2293. 1971, 6: 3514. 1978.

23.342. *Études sur la flore algologique du Québec. – I. ... Contributions du Laboratoire de Botanique de l'Université de Montréal ...* [1932]. Oct. (*Fl. algol. Québec*).

Publ.: Dec 1932 (printed 1 Dec 1932, date on p. [2]), p. [2]-19. *Copies*: L, U. – Issued as *Contr. Lab. bot. Univ. Montréal* 22, 1932. – *Contr.* 22 was issued with no. 23 with a single t.p.: no. 22: *Études ...* and no. 23. J. Rousseau, *Contribution à l'étude du Gentiana victorinii*, New York, Montréal and Leipzig 1932.

23.343. *Les Aubépines du Québec ...* Montréal (Imprimerie de la Salle ...) 1935. Qu.

Publ.: 1935, cover-t.p., p. 1-21. *Copy*: L. – Reprinted and to be cited from *Flore Laurentienne* of Frère Marie-Victorin p. 296-314. 1935. – For *Fl. laurent.* see TL-2/5415.

Bruni, Achille (1817-1881), Italian agriculturist, born at Barletta, director of the Orto agrario di Giovinazzo 1851 as well as the botanical garden at Avellino, professor of agriculture at the University of Napoli 1865-1868, professor of agronomy at the Provincial technical Istituto at Bari 1873-1875, from 1875 at Napoli. (*Bruni*).

HERBARIUM and TYPES: FI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 269; BL 2: 384; BM 1: 266; IH 2: 103; LS 4264; LS suppl. 3983; PR 1286; Rehder 1: 427; Saccardo p. 25, 39, 222; Tucker 1: 119.

BIOFILE: Balsamo, F. and M. Geremicca, *Bull. Orto bot. Napoli* 3: 39-74. 1913.

Geremicca, M., *Bull. Orto bot. Napoli* 3: 71. 1913 (brief note, portr.; d. 29 Jan 1881).

Pasquale, F., *Nuovo Giorn. bot. Ital. ser. 2.* 4: 259-270. 1894.

23.344. *Descrizione botanica delle Campagne di Barletta ...* Napoli (Stamperia e Cartiere del Fibreno ...) 1857. Oct. (*Descr. bot. Barletta*).

Publ.: 1857, p. [1]-212, [213, err.], [215-216, adv.], 1 pl. (uncol. lith.). *Copies*: G, HH.

Announcement: 1857, p. [1-2]. *Copy*: G. – Same title.

Precursor: *Enumeratio plantarum in agro baruletana provenientium*, Ann. Accad. Aspir. Nat. Napoli 1: 343-384. 1843.

Brunies, Stephan Ernst (1877-?), Swiss botanist and teacher, born in Cinuskel, Engadin, at the teacher-college at Chur 1891-1896, at the University of Breslau, student of F. Pax, natural sciences, with emphasis on botany 1896-1900, Dr. phil. Breslau 1900, assistant at the Botanical Museum, University of Zürich 1904. (*Brunies*).

HERBARIUM and TYPES: Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 269 (b. 1877, Cinuskel, Engadin, Switzerland); BJI 2: 21; BL 2: 573, 574; DTS 6(4): 127; Kew 1: 403; LS 31.654; Tucker 1: 119.

BIOFILE: Anon., Alg. bot. Z. 10: 32. 1904 (appointed at Bot. Mus. Zürich).

23-345. Arbeit aus dem Königl. Botan. Garten der Universität Breslau. *Anatomie der Geraniaceenblätter* in Beziehung zur Systematik der Familie. Inaugural-Dissertation welche nebst den beigefügten Thesen mit Genehmigung der Hohen philosophischen Fakultät der Universität Breslau zur Erlangung der Philosophischen Doktorwürde Dienstag, den 27. März 1900, ... Breslau (Anton Schreiber, ...) 1900. Oct. (*Anat. Geran.-Bl.*).

Publ.: 27 Mar 1900 (date of defense thesis), cover-t.p., p. [i, iii], [1]-40, [41-42], 1 unnumbered lith. (lists). *Copies*: B, NSUB/GOET.

23-346. *Floristische Notizen vom Ofenberg* ... Bull. Herb. Boiss. ... 1903. Oct.

Publ.: 30 Dec 1902 (in journal), p. [1]-3. *Copies*: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 3: 31-33. 1902.

23-347. Die *Flora des Ofengebietes* (Südost-Graubünden). Ein floristischer und pflanzengeographischer Beitrag zur Erforschung Graubündens ... Chur (Hermann Fiebig's Buchdruckerei) 1906. Oct. (*Fl. Ofengeb.*).

Publ.: 1906 (ÖBZ Jan-Feb 1907), cover-t.p., p. [1]-326, pl. i-ii (uncol. liths.), 1 unnumbered col. map, 4 uncol. phot. in text. *Copy*: U. – Issued as Jahresber. naturf. Ges. Graubünden ser. 2. 48, 1906.

Follow-up: Jos. Braun, Vierteljahrsschr. naturf. Ges. Zürich 55: 287-289. 1910.

Ref.: Diels, L., Bot. Jahrb. 40(Bibl.): 115. 1908 (rev.).

Brunner, Carl [Emanuel] (of Bern) (1796-1867), Swiss (Bernois) botanist, brother of Samuel Brunner (1790-1844, African explorer). (*C. Brunner*).

HERBARIUM and TYPES: BERN (orig. herbarium), further material at FI (colls. from Alpes 1826), LG, M (Switzerland, Rosenloui; see also C.W. Nägeli).

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 267; IH 2: 103; Lasègue p. 399; Rehder 2: 516.

BIOFILE: Hertel, H., Mitt. Bot. Staatssamml. München 16: 351. 1980.

23-348. Einiges ueber den *Stein-Loecherpilz* (*Polyporus tuberaster* Jacq. et Fries) und die *Pietra fungaja* der Italiener ... [Neue Denkschr. allg. schweiz. Ges. Naturw. ... 1845]. Qu. (*Stein-Loecherpilz*).

Publ.: 1845 (read Jan 1845), p. [1]-19, [20], pl. 1-2. *Copies*: L(2). – Issued as Neue Denkschr. schweiz. Ges. Naturw. 7, 1845. – Also published in *Der Pilzfreund* 1: 122-129. 1910.

Brunner, C. fils (fl. 1846), Swiss student at the University of Genève, student of Alphonse de Candolle. (*C. Brunner fils*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR ed. 1: 1431.

23-349. *Observations sur l'inflorescence du Tilleul, ...* tiré de la Bibliothèque universelle de Genève ... 1846. Oct.

Note: With "Observations de M. Alph. de Candolle".

Publ.: Feb 1846 (date in Bibl. Univ. Genève), p. [1]-7, 1 pl. Copy: G. – Original publication is to be cited from Ann. Sci. nat., Bot. ser. 3. 5: 319-326. 1846; the reprint, however, was taken from Bibl. Univ. Genève 1: 181-187. 1846.

Brunner, Carl (of Hamburg) (1874-?), German (Hamburg born) botanist. (*C. Brunner, Hamb.*).

HERBARIUM and TYPES: Unknown (HBG?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 269 (b. 14 Oct 1874); Kew 1: 404.

23-350. *Beiträge zur vergleichenden Anatomie der Tamaricaceen ...* [Jahrb. Hamburg. Wiss. Anstalten ... 1910]. Oct.

Publ.: Jan-Feb 1910 (text submitted 7 Dec 1909, Nat. Nov. Mar (2) 1910, Bot. Centralbl. 14 Aug 1910), p. [89]-162. Copy: B. – Reprinted and to be cited from Jahrb. Hamburger Wiss. Anstalt. 26: 89-162. 1910.

Ref.: Dörries, Bot. Zeit. 68(II): 335-336. 1 Dec 1910 (rev.).

***Brunnthaler, Josef** (1871-1914), Austrian botanist, educated at a "Volksschule" and a business school in Vienna, bank employee with Voelcker & Co., Vienna 1887-1904, interested in cryptogams, founder of the "Wiener Kryptogamen-Tauschanstalt" 1897-1903, active in the Vienna "zoologische und botanische Gesellschaft", employed with the "Biologischen Versuchsanstalt" 1904, delegated 1907 to the "k.k. zoologische Station" at Trieste, curator at the Botanical Institute of the University of Vienna 1908-1914, travelled in German East Africa, the Cape and Natal 1909, in Egypt 1913, and stayed some time in 1914 at the Naples zoological station. (*Brunnth.*).

HERBARIUM and TYPES: WU, further material at G, GJO, H (musci), M, NH, PC, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 270; BM 1: 150; CSP 13: 874; IH 2: 103; Kew 1: 404; LS 4270-4272; Nordstedt suppl. p. 5; TL-2/1: 385 and see indexes; Tucker 1: 768.

BIOFILE: Anon., ÖBZ 47: 228. 1897 (Tauschanstalt), 55: 39. 1904 (at Biologische Versuchsanstalt), 60: 39. 1904 (back from E and S Africa), 64: 368. 1914 (d.), 82: 183. 1933 (activity at Bot. Gard.); Bot. Centralbl. 99(49): 608. 1905 (received "Goldene Verdienstkreuz" for his input for the Int. bot. Congress, Vienna, Jun 1905), 111(35): 240. 31 Aug 1909 (left for E and S Africa in Jun 1909); Magyar bot. Lapok 13: 293. 1914; Bot. Not. 1914: 215; Hedwigia 35(2) (Beibl.): (62). 1896 (on his "Prospect" for a cryptogamic exchange), 56(2) (Beibl.): (146). 1915 (d. 18 Aug 1914). Brunnthaler, J., Akad. Anzeiger Kaiserl. Akad. Wiss. Wien 1909 (no. 24), 1910 (no. 10) (information on the results of the travels to German East Africa, the Cape and Natal).

Bullock, A.A., Bibl. S. Afr. bot. 19. 1978 (4 titles).

Ginzberger, A., Verh. k.k. zool.-bot. Ges. Wien 15(1-2): 7-21. 1915 (biogr. of B. and of Aloys Teyber).

Gunn, M. and L.E. Codd, Bot. Expl. S. Afr. 106-107. 1981 (activity in S Afr.).

Janchen, E., Richard Wettstein 183. 1933.

Prescott, G.W., Bibl. Desmid. univ. 78-79. 1984 (4 titles).

Schiffner, V., Ber. deut. bot. Ges. 32: (88)-(94). 1914 (main biography, portr., list of 39 publications, main source; b. 20 Dec 1871, Vienna, d. 18 Aug 1914, Vienna).

COMPOSITE WORKS: (1) See TL-2/1: 385.

(2) Contributed to G. de Beck and A. Zahlbruckner, Schedae ad "*Kryptogamas exsiccatas*" editae a Museo Palatino Vindobonensi, cent. II, Wien 1896.

- (3) Jahres-Catalog der Wiener Kryptogamen-Tauschanstalt, Wien 1897 (n.v.).
 (4) *Vegetationsbilder aus Südafrika* (Karoo und Dornbusch), in G. Karsten and H. Schenck, *Vegetationsbilder*, ser. 9, Heft 4/5: 25 pages text, pl. 19-30. 1911.
 (5) *Vegetationsbilder aus Deutsch-Ostafrika* (Regenwald von Usambara), in G. Karsten and H. Schenck, *Vegetationsbilder* ser. 11, Heft 8: 13 pages text, pl. 43-48. 1914.
 (6) *Ergebnisse einer botanischen Forschungsreise nach Deutsch-Ostafrika und Südafrika* (Kapland, Natal und Rhodesien). Denkschr. kais. Akad. Wiss. math.-nat. Kl. 88(1): 711-744. 1913. (Hepaticae by F. Stephani, Musci by V.F. Brotherus). – See also Matouschek, F., Bot. Centralbl. 129(15): 389. 12 Oct 1915, Nat. Nov. Nov (2) 1913.

23.351. *Pogonatum nanum* × *aloides* ... Separat-Abdruck aus der “Oesterr. botan. Zeitschrift” ... 1897. Oct.

Publ.: Feb 1897 (in journal; Rev bryol. Oct 1897), p. [1-3]. *Copy*: B. – Reprinted and to be cited from ÖBZ 47(2): 46-48. 1897.

23.352. *Die Fortschritte in der Kenntniss der Laub- und Lebermooskunde* ... [Aus den Verhandlungen der k.k. zoologisch-botanischen Gesellschaft in Wien ... 1898]. Oct.

Publ.: 1898 (read 28 Jan 1898), p. [1]-7. *Copy*: B. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 48: 89-94. 1898.

23.353. *Phytoplankton aus Kleinasien* ... [Wien] (Sitzb. d. mathem.-naturw. Kl.). 1903. Oct.

Publ.: 1903 (read 19 Feb 1903), p. 289-293. *Copy*: G. – Reprinted and to be cited from Sitzb. math.-nat. Kl., Wien 112(Abt. 1): 289-293. 1903.

Ref.: Gutwiński, R., Bot. Centralbl. 93(35): 224. 8 Sep 1903 (rev.).

23.354. *Die Algen und Schizophyceen der Altwässer der Donau bei Wien* ... [Wien (Separat-Abdruck aus den “Verhandlungen” der k.k. zoologisch-botanischen Gesellschaft) 1907. Oct.

Publ.: 1907 (read 5 Jan 1907), cover (identif.), p. 170-223. *Copy*: G. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 57: 170-223. 1907.

23.355. *Bericht über die botanische Forschungsreise nach Ostafrika, Kapland und Natal* ... Wien (Kaiserliche Akademie der Wissenschaften) 1910. Oct.

Publ.: 1910 (read 21 Apr 1910), p. [1]-5. *Copy*: G. – Reprinted and to be cited from Akad. Anz., Kais. Akad. Wiss., Wien 10, 1910 (n.v.).

Brunotte, Camille-Marie-Gabriel (1860-1910), French naturalist and pharmacist, studied at the École supérieure de Pharmacie, Nancy, Bac. Sci. 1877, assistant for materia medica at the École supérieure de Pharmacie 1881-1883, assistant for zoology at the Faculty of Sciences at Nancy 1883-1889, pharmacist first class 1884, Lic. Sci. nat. 1886, professor of natural history at the École professionnelle de l'Est 1886-1889, dipl. pharmacist 1889, lecturer ib. 1889-1910, Dr. Sc. Paris 1900. (*Brunotte*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 270; BL 2: 183, 212; CSP 13: 875; Kew 1: 404; LS 31.659; Rehder 3: 342; Tucker 1: 119.

BIOFILE: Anon., Bot. Not. 1910: 176 (d.).

Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 195. 1938 (director of Jardin Alpin du Ballon d'Alsace, at Belfort, Alsace ca. 1902).

Vilmorin, M. de, Bull. Soc. bot. France 57(4): 261. 1910 (d.).

Werner, R.G., Bull. Acad. Soc. Lorraines Sci. 6(2): 103. 1966 (curr. vit., b. 5 Oct 1860, Arches, Vosges, d. 16 Mai 1910, Nancy).

23.356. École supérieure de Pharmacie de Paris. Thèse présentée au concours d'agrégation du 1^{er} Mai 1889 (Section d'Histoire naturelle et de Pharmacie). *Des fruits utiles de Pipéritées* ... Nancy (Imprimerie A. Nicolle, ...) 1889. Qu. (*Fruits util. Pipérit.*).

Publ.: 1 Mai 1889 (date of defense thesis; Nat. Nov. Jun (2) 1890), cover-t.p., p. [i-ii], [1]-100, pl. 1-3 (uncol. lith. C. Brunotte). *Copy*: G.

23.357. *Guide du botaniste au Hohneck et aux environs de Gérardmer ...* Paris et Nancy (Berger-Levrault et Cies) 1893. Oct. (*Guide bot. Hohneck*).

Publ.: Jan-Jun 1893 (rd. Bull. Soc. bot. France 23 Jun 1893, Bot. Centralbl. 16 Aug 1893, Bot. Zeit. 16 Jul 1893, Nat. Nov. Jul (2) 1893), 40 p., map (n.v., info. from Malinvaud 1893 and Blake, copy at HH). – Reprinted and to be cited from Bull. Club Alpin Franç. sect. Vosg. 12: 2-7, 18-30, 39-42, 53-60, 66-75, map. 1893.

Note: Title of article in journal is: Le botaniste herborissant au Hohneck et aux environs de Gérardmer. – See BL 2: 212.

Follow-up: 1899, *Nouvelles stations de plantes rares dans le massif du Hohneck*, Bull. Club Alpin Franç. sect. Vosg. 18: 72-77, 85-91, map. 1899. – See BL 2: 212 for further details and follow-up.

23.358. *Les marais salés de la vallée de la Seille au point de vue botanique ...* Nancy (Imprimerie Berger-Levrault et Cie. ...) 1896. Oct.

Publ.: Jan-Feb 1896 (Bull. Soc. bot. France rd. 1-30 Jun 1896, Nat. Nov. Mar (1) 1896), cover-t.p., map, p. [1]-24, [25, table]. *Copy*: G. – Also issued in Bull. Club Alpin Franç. sect. Vosg. 15 (1896), n.v.

Ref.: Anon., Bull. Soc. bot. France 43(Bibl.): 73-74. 1896 (rev.).

23.359. *Recherches embryogéniques et anatomiques sur quelques espèces des genres Impatiens et Tropaeolum ...* Paris/Nancy (Berger-Levrault & Cie., éditeurs) 1900. Oct. (*Impatiens & Tropaeolum*).

Publ.: 1900, cover-t.p., p. [i, iii], [1]-178, pl. 1-10 (phototypie de Bergeret, uncol. draw. and phot.). *Copy*: L.

Bruns, Ferdinand Carl August (1869-?), German (Hamburg born) botanist and teacher, studied at the Hamburg teachers college until 1890, teacher at general schools and the secondary school at the Holstentor, Hamburg, teacher at the German school in Teheran 1908, studied at the University of Hamburg 1921-1928 (botany, zoology and geography), teacher at the Wilhelm-Gymnasium Hamburg 1927, Dr. phil. Hamburg 1929. (*Bruns*).

HERBARIUM and TYPES: HBG. – See also J. Bornmüller, Aufzählung der von F. Bruns im nördlichen Persien gesammelten Pflanzen, Beih. Bot. Centralbl. 33(Abt. 2): 270-324, 1 pl. 1915.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 270; BJI 2: 21; BL 1: 256; IH 2: [not mentioned].

BIOFILE: Bruns, F., Die Zeichenkunst im Dienst der beschreibenden Naturwissenschaften, Jena 1922, 100 p., 44 pl.; Lebenslauf, in Dissertation 1929, see below, p. [86] (b. 14 Mar 1869). Lack, H.W. and O. v. Sydow, Willdenowia 13: 415. 1983 (letter to Keck at UPS-UB).

23.360. *Beiträge zur Kenntniss der Vegetation des peruanischen Küstengebietes.* Dissertation zur Erlangung der Doktorwürde an der Mathematisch-naturwissenschaftlichen Fakultät der Hamburgischen Universität ... Hamburg [ex Mitt. Inst. allg. Bot.] 1929. Oct. (*Beitr. Veg. peruan. Küstengeb.*).

Publ.: Jan-Feb 1929 (official approval of thesis 22 Dec 1928, publication in journal 1929), p. [i-ii], [1]-85, [86, curr. vit.]. *Copies*: B, U. – Preprinted or reprinted from Mitt. Inst. allg. Bot. Hamburg 8(1): 1-85. 1929.

Ref.: Krause, K., Bot. Jahrb. 64(Lit.): 30. 1931 (rev.).

Brunswick [Brunswick] **von Korompa, Hermann** (1898-1939), Austrian botanist, born in Vienna, Dr. phil. Jul 1921 in Vienna, "Demonstrator" at the Pharmaceutical Institute of the University of Vienna with Wasicki 1920, idem at the Plant-physiology Institute 1920-1922, at the Kaiser-Wilhelm-Institute for "Faserstoffchemie" in Berlin 1923-1925, died in Hall, Tirol 1939. (*Brunswick*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 340; Barnhart 1: 270 (b. 6 Oct 1898, Wien, Ph.D. 1921); LS suppl. 3987-3993.

BIOFILE: Ainsworth, G.C., *Intr. Hist. mycol.* 326-327. 1976.

Anon., *ÖBZ* 69: 272. 1 Dec 1920 ("Demonstrator" at Univ. Wien), 72: 448. 1 Dec 1923 (at the Bot. Inst. Univ. Wien: "Hilfskraft"), 80(2): 160. 1939 (d. 29 Feb 1939 in Hall, Tirol); *Hedwigia* 78(2) (Beibl.): (156). 15 Jul 1939 (d. 28 Feb 1939 in Hall, Tirol).

Janchen, E., Richard Wettstein 182. 1932 (Janchen uses the name as "Brunswick").

23.361. *Untersuchungen über die Geschlechts- und Kernverhältnisse bei der Hymenomyzengattung Coprinus ...* Jena (Verlag von Gustav Fischer). 1924. Oct. (*Unters. Coprinus*).

Publ.: 1924, p. [1]-152. *Copies*: L, U.

Ref.: W., *ÖBZ* 74: 59. 1 Mar 1925 (rev.).

Brutschy, Adolf (1885-?), Swiss algologist, studied at the University of Zürich, Dr. phil. ib. 1912. (*Brutschy*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 271.

BIOFILE: Prescott, G.W., *Bibl. Desmid. univ.* 79. 1984 (lists 7 publ.).

VanLandingham, S.L., *Cat. Diat.* 7: 4153. 1978.

23.362. *Die Algenflora des Val Piora ...* Aarau (Graphische Werkstätten H.R. Sauerländer & Co.) 1929. Oct. (*Algenfl. Val Piora*).

Publ.: 1929, cover-t.p., p. [1]-119, [120]. *Copy*: G.

***Bruttan, Andreas** (1829-1893), Estonian highschool teacher and cryptogamist at Dorpat, born in Livland, educated at a "Kreisschule" in Wenden, at the teacher seminary in Dorpat 1840-1842, idem at St. Petersburg 1845-1852, teacher in Russian language in Arensburg, teacher in Dorpat 1852-1861, id. at the gymnasium 1861-1873, inspector of the local teachers 1873-1881, inspector and teacher of natural sciences at the German university 1881-1886. (*Bruttan*).

HERBARIUM and TYPES: Left his herbarium to the Dorpat natural history society (Grummann). – Further material at WRSL (Lich.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 271; CSP 7: 288, 9: 383, 13: 878-879; GR p. 579-580; Lipschitz 1: 284 (bibl. 15 nos.); LS 4278-4280, 31.661; Morren ed. 10, p. 97; PR 1296 (as Bruttan (sic)); TL-2/1: 385; TR nos. 177-181.

BIOFILE: Welding, O. et al., *Deutschbaltisches biographisches Lexikon* 1710-1960. 115-116. 1970 (detailed info., b. 6 Mar 1824, Fehgen, Livland, d. Dorpat 1893).

NOTES: (1) Bruttan published "Wissenschaftliche Resultate der zur Aufsuchung eines angekündigten Mammutkadavers von der Kais. Akademie der Wissenschaften an den Jenissei ausgesandten Expedition", *Mém. Acad. Imp. Sci. St. Pétersburg* ser. 7. 8(1): 131-133. 1872, with *Lichenes* apud Fr. Schmidt. The "Mammutkadaver" is still to be seen in St. Petersburg, however, we know nothing about the Lichens.

(2) Follow-up of *Lich. Est- Liv- & Kurl.*, TL-2/856a:

(a) *Lichenen Est-, Liv- und Kurlands*, *Correspondenzblatt des Naturforscher-Verein zu Riga* 19: 1-?. 1872 (n.v.).

(b) *Nachtrag zu den Lichenen ...*, *S.B. naturf. Ges. Univ. Dorpat* 8(3): 444-449. 1889.

23.363. *Sammlung von Lebermoosen der Ostseeprovinzen ...* Separat-Abzug aus den Sitzungsberichten der Dorpater Naturforschenden Gesellschaft ... [1892]. Oct.

Publ.: 1892 (p. 358: Oct 1890 date of mss.), cover, p. 343-358. *Copy*: B. – Reprinted and to be cited from S.B. naturf. Ges. Univ. Dorpat 9(2): 343-358. 1890 [issued 1892].

23.364. *Ueber die einheimischen Laubmoose ...* Separat-Abzug aus den Sitzungsberichten der Dorpater Naturforschenden Gesellschaft ... 1891. Oct.

Publ.: 1892 (read in meeting of 5 Dec 1891), p. [555]-582. *Copy*: B. – Reprinted and to be cited from S.B. naturf. Ges. Univ. Dorpat 9(3): 555-582. 1891 [issued 1892].

Note: *Hepaticae* listed in id. 9(2): 350. 1892 (see above). – *Bericht* über eine in hepatologischer Hinsicht auf der Kurischen Halbinsel und an der Düna ausgeführte Exkursion im Sommer 1887, publ. in id. 8(2): 299-304. 1888 [1889].

Bruun, Helge Gösta (1897-x), Swedish cytologist and geneticist, studied at the University of Uppsala, Dr. phil. ib. 1932, lector, head of Strängnäs Läröverk, Strängnäs 1932. (*Bruun*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 271; Kew 1: 405.

BIOFILE: Anon., Bot. Not. 1931: 227, 396.

Verdoorn, F., Chron. bot. 1: 367. 1935 (Docent, Uppsala), 2: 238. 1937 (publ. on *Primula*), 377 (Symb. bot. Upsal. 1(1): cytological studies in *Primula*).

23.365. *Cytological studies in Primula* with special reference to the relation between the karyology and taxonomy of the genus ... Uppsala (A.-B. Lundequistka Bokhandeln ...) [1932]. Oct. (*Cytol. stud. Primula*).

Publ.: 1932 (p. 5: mss. dated Apr 1932), p. [1]-239. *Copies*: L, MO, U. – Issued in series Symb. bot. Upsal. 1(1). 1932. – Determined chromosome numbers of 161 species of *Primula*.

Earlier publ.: 1930, *The cytology of the genus Primula*, Svensk bot. Tidskr. 24: 468. 1930.

Bruz, Ladislai [Ludwig] (fl. 1775), Transylvanian (“Ambrosiopolitano”) physician, Dr. phil. Vienna 1775. (*Bruz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kanitz 55; Kew 1: 405; PR 1297, ed. 1: 1442.

23.366. *Dissertatio inauguralis de Gramine mannae, sive Festuca fluitante. Viennae* (Typ. Ioan. Thom. Nob. de Tratterm, Sac. cabs. reg. aulae typogr. et bibliop.) 1775. Oct. (*Diss. Gram. mannae*).

Publ.: 1775, p. [1]-35, 1 pl. *Copy*: B-S.

***Bruzelius, Arvid Sture** (1799-1865), Swedish botanist and physician born in Tågarp, Skåne, studied at Lund University 1816-1823, Dr. phil. ib. 1823, lecturer in botany ib. 1824, in obstetrics 1829, Dr. med. ib. 1829, adjunct in obstetrics 1831, physician at the hospital in Lund 1835, director of the clinical institute ib. 1844, ultimately professor of chirurgy and obstetrics ib. 1847-1858. (*Bruzelius*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 271; BM 1: 270; Kew 1: 405; KR p. 107 (b. 8 Mar 1799, d. 28 Jan 1865, Lund); PR 1298, ed. 1: 1443; TL-2/1: 385.

BIOFILE: Anon., Flora 20(1) (11): 175. 21 Mar 1837 (adjunct Dr. med.).

Wittrock, V.B., Acta Horti Berg. 3(3): 7. 1905 (on portr.).

NOTES: (1) *Aphorismi botanici* 12, 1823 was written by C.A. Agardh but defended by B.
 (2) For his *Observ. Charae* see TL-2/857.

Bry, Heinz Max [Eduard] (1904-x), German botanist, born in Koerth, Baruth, Kreis Jüterbog-Luckenwalde, Prussia, educated at schools in Koerth, at the Victoria Gymnasium, Potsdam 1919, id.at the Askanische Gymnasium, Berlin 1921-1923, pharmaceutical assistant 1923-1925, at the Friedrich-Wilhelms-Universität, Berlin 1926-1929, state pharmaceutical examination 1928, worked with Gilg and Diels at the Botanical Museum Berlin, Dr. phil. Berlin 1930. (*Bry*).

HERBARIUM and TYPES: Unknown.

23.367. *Beitrag zur Untersuchung über die systematische Stellung der Empetraceen unter Anwendung der botanischen Serodiagnostik ... Inaugural-Dissertation zur Erlangung der Doktorwürde, genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... Baruth/Mark-Berlin (Buchdruckerei J. Särchen) 1930. Oct. (Beitr. Unters. Empetrac.).*

Publ.: 6 Mar 1930 (date of defense thesis), p. [1, cover-t.p.]-39. *Copy:* B.

Bryan, Mary McIlwaine (fl. 1896-1917), American botanist, studied at Washington University, A.B. 1896, M.A. 1915. (*Bryan*).

HERBARIUM and TYPES: Unknown.

23.368. *A spurless variety of Habenaria psycodes* (L.) Sw. ... *Annals Missouri Botanical Garden ...* 1917. Oct.

Publ.: 9 Mar 1917 (fide C.R. Bauer, *Ann. Missouri Bot. Gard.* 73: 222. 1986), cover-t.p., p. 37-42, pl. 5. *Copies:* G, NY. – Reprinted and to be cited from *Ann. Missouri Bot. Gard.* 4(1): 37-42, pl. 5. 1917.

Bryan, William Alanson (1875-1942), American biologist, ornithology and botany, born 23 Dec 1875, New Sharon, Iowa, B.S. Iowa-State 1893, lecturer Museum Iowa State 1896, assistant in museum methods in several museums 1895-1897, curator Field Museum Nat. Hist. 1898-1899, U.S. Dept. Agric. 1899, curator Bishop Museum Hawaii 1900-1907, president Pacific Sci. Inst. from 1908. (*W.A. Bryan*).

HERBARIUM and TYPES: BISH, LAM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 271 (b. 23 Dec 1875, New Sharon, Iowa, d. 18 Jun 1942); BL 1: 109, 116; IH 2: 103; Kew 1: 406; Tucker 1: 120.

BIOFILE: Frodin, D.G., *Guide Standard Floras World* 965/519b. 1984.

MacLeod, R. and P.F. Rehbock, *Nature in its greatest extent. Hawaii* 201-204, 208, 219 (notes 26, 28, 29). 1985.

Merrill, E.D., *B.P. Bishop Mus. Bull.* 144: 56. 1937.

23.369. *Natural history of Hawaii* being an account of the Hawaiian people, the geology and geography of the Islands, and the native and introduced plants and animals of the group ... Honolulu, Hawaii (The Hawaiian Gazette Co., Ltd.) 1915. Oct. (*Nat. Hist. Hawaii*).

Publ.: Oct-Dec 1915 (p. 13, preface dated 13 Sep 1915), p. [3], [5-6], frontisp. portr. author, [7]-596. *Copies:* MO, U. – Plants on p. [189]-230 and [213]-287 (introd. pl.).

***Bryhn, Nils** [Niels] (1854-1916), Norwegian privately practicing physician, deputy curator at the Botanical Museum of the University of Christiania (Oslo), 1877-1878, cand. med. Christiania 1880, assistant physician at Eger and Ringerike, general physician at Tjømø 1883-1887, from 1887 privately practicing at Hønefoss. (*Bryhn*).

HERBARIUM and TYPES: O. – Further collections at B, BG, BP, C (1500), GB (400), H, HH, L, LD (350), NH (100), NY, S.

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***Bubák, Frantisek** (1865-1925), Bohemian botanist and phytopathologist, educated at the Jičíně gymnasium at Prague, studied at universities of Prague, Halle and Berlin, botanical assistant at the Prague state museum of natural history, assistant for phytopathology at the Bohemian technical college at Prague, ca. 1902 head of phytopathology at the agricultural-physiological station in Prague, professor of botany and phytopathology at the Royal agricultural Academy at Tábor, Bohemia, travelled in Montenegro 1903, professor of systematic botany and phytopathology at the new Bohemian College for Soil Science at Brünn (Brno, Mähren) 1919, professor of phytopathology and director of the Technical College in Prague. (*Bubák*).

HERBARIUM and TYPES: BKL (33.800, orig.); further material in B, BERN, CUP, KIEL, LE, PAD, PL, PR, WRSL.

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***Bubani, Pietro** (1806-1888), Italian physician and botanist, born at Bagnacavallo nr. Ravenna, studied at the University of Bologna 1825-1829, Dr. med. 1829, banished from the Church States 1831, in exile in Marseilles 1835 and Montpellier (with Dunal), explorer of the Pyrenees 1836-1862, returned to Bagnacavallo 1847 (amnesty from Pius II), stayed again in the Pyrenees 1850-1862 doing field work, from 1862 again at Bagnacavallo writing his *Flora pyrenaea* until 1880. (*Bubani*).

HERBARIUM and TYPES: GE (partly destroyed). – Further material at B, BP, FI, G, L, LE, P, PAD, TO, US, WU.

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Bubel, Karl Christian (1904-x), German pharmacist, born in Odenheim, Rheinpfalz, educated at the Realschule in Neustadt a.d. Haardt, and the Oberrealschule in Ludwigshafen a. Rhein, and the Ruprecht Oberrealschule in München until 1924, pharmaceutical practice at the pharmacy of Lagiewski, Berlin 1924, studied pharmacy at the Friedrich-Wilhelms-Universität Berlin, state examination 1930, continued his phytochemistry and systematic studies at the Botanical Museum Berlin-Dahlem, Dr. phil. 1933. (*Bubel*).

HERBARIUM and TYPES: Unknown.

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Bubela, Jan (1855-1889), Moravian reality proprietor at Vsetín in Moravia (Mähren). (*Bubela*).

HERBARIUM and TYPES: PRC (5000), further material at AK, B (from herb. zool.-bot. Ges. Wien and herb. Ulleplitsch), BRNM, BRNU, BUC, LE, MANCH, WRSL.

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***Buch, Christian Leopold von** (1774-1853), German geologist, palaeontologist and mineralogist of independent means, landed proprietor, studied at the Bergakademie Freiberg and at universities in Halle and Göttingen, travelled widely in Europe and the Canary Islands, Prussian Kammerrath 1806, extraordinary member of the Akademie der Wissenschaften in Berlin 1806, full member 1808, corresponding member of the Institut de France, Foreign member of the Linnean Society and of the Royal Society [London]. (*Buch*).

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- (2) C.L. von Buch, *Reise durch Norwegen und Lappland*, Berlin 1810. Oct., 2 vols., [1:] (1), x, 486, 2 maps, [2:] (1), 406, (2), 3 maps. Berlin (bei G.C. Nauck) 1810, see KR p. 109.
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- (4) *Addition and correction to TL-2/863*: The french translation mentioned only concerns the botanical part and is titled: (part 1) "*Coup d'oeil sur la Flore des îles Canaries*", paged [1]-28, (part 2) "*Catalogue des plantes spontanées qui ont été jusqu'ici trouvées dans les îles Canaries*", paged 29-56. Copy: U.

23.447. Über *Blattnerven* und ihre Vertheilung ... Berlin (gedruckt in der Druckerei der königlichen Akademie der Wissenschaften) 1852. Oct.

Publ.: early 1852 (volume contains reports up to 19 Jan 1852), p. [i], [1]-8, 1 *pl.* (uncol.).
Copy: G. – Reprinted and to be cited from Ber. Bekanntmach. Verh. k. Preuss. Akad. Wiss., Berlin 1852: 42-49. – Summary in Ann. Mag. Nat. Hist., ser. 2. 11: 418-420. 1853.

***Buch, Hans Robert Viktor** (1883-1964), Finnish bryologist (especially Hepatics), studied at the University of Helsingfors, cand. phil. 1907, Dr. phil. 1912, amanuensis in the Botanical Museum Helsingfors 1910, Dr. phil. Univ. Helsingfors 1911, biology teacher at the Lyceum at Grankulla 1913-1915, id. at Helsingfors 1917-1930, docent at Helsingfors University 1922, curator at the Botanical Museum 1949, professor h.c. Univ. Helsingfors 1953. (*H. Buch*).

HERBARIUM and TYPES: H (10.000). – Further material in DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 273; BJI 2: 21; BL 2: 503; BM 6: 153; Collander p. 57-61 (85 titles); Collander Hist. p. 35, 37, 41, 92, 94, 105; GR p. 614-615; IH 2: 103; Kew 1: 407; KR p. 109; LS 31.697; Roon p. 22; SBC p. 117; TL-2/1: 389.

BIOFILE: Anon., Taxon 13(6): 218. 1964; Rev. bryol. lichénol., ser. 2. 33: 621. 1964 (d.).
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COMPOSITE WORKS: (1) See for H. Buch, A.W. Evans and F. Verdoorn, *A preliminary check-list of the Hepaticae of Europe and America* 1938; TL-2/16.040 sub Verdoorn.

23.448. *Pohlia bulbifera* (Warnst.) Warnst. förekommande öfven i vårt land ... Särtryck ur "Meddelanden af Societatis pro Fauna et Flora fennica" ... Helsingfors 1906. Oct.
Publ.: 1906, p. [24]-32. *Copy*: B. – Reprinted and to be cited from Medd. Soc. Fauna Fl. fenn. 32: 24-32. 1906 (*Pohlia bulbifera* on p. 24-27, *Pohlia annotina* on p. 27-32). – Collander et al. nos. 3-4.

23.449. *Über die ungeschlechtliche Vermehrung von Blasia pusilla* (Micheli) L. ... Öfversigt af Finska Vetenskaps-Societens Förhandlingar ... 1907. Oct. (*Ungeschl. Vermehr. Blasia*).
Publ.: 1907, p. [1]-38, [39-42], 2 *pl.* *Copies*: B, G. – Issued as Öfvers. Finska Vet.-Soc. Förhandl. 49(16). 1906-1907 [1907]. – Collander et al. no. 6.

23.450. *Männliche Pflanzen von Anisothecium humile* (Ruthe) Lindb. ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora fennica" ... Helsingfors 1907. Oct.
Publ.: 1907, p. [79]-81. *Copy*: B. – Reprinted and to be cited from Medd. Soc. Fauna Fl. fenn. 33: 79-81. 1907. – Collander et al. no. 7.

23.451. *Über einige im finnischen Florenggebiete seltene oder wenig gekannte Leber- und Laubmoose* ... Särtryck ur "Meddelanden af Societas pro Fauna et Flora Fennica" ... Helsingfors 1909. Oct.
Publ.: 1909, p. [227]-234. *Copy*: B. – Reprinted and to be cited from Medd. Soc. Fauna Fl. fenn. 35: 227-234. 1909. – Collander et al. no. 11.

23.452. *Über die Brutorgane der Lebermoose* ... Wird mit Genehmigung der Philosophischen Fakultät der Kaiserl. Alexanders-Universität in Finland am 7 Okt. 1911 ... verteidigt werden. Helsingfors 1911. Oct. (*Brutorg. Lebermoose*).
Publ.: 7 Oct 1911 (date of defense thesis), p. [i]-ix, [1]-69, [70], *pl.* 1, text [1]-2, *pl.* 2, text

[1]-2, table, text [1]-2. *Copies*: B, G, Gr-V, L. – Collander et al. no. 13.

Note: Dissertation University Helsingfors.

Ref.: Müller, K., Z. f. Bot. 4: 402. 1902.

Schoenau, von, Bot. Centralbl. 119: 352-353. 1912.

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23.453. *Scapania paludicola* K. Müll. & *Scapania Massalongii* K. Müll. aus Finland ... Helsingfors 1916. Oct.

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23.454. *Studien über die Scapanien Fenno-Scandias*. [Scapania curta-Gruppe] ... Helsingfors 1916. Oct.

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23.455. *Physiologische und experimentell morphologische Studien an beblätterten Lebermoosen*, I. und II. ... Öfversikt av Finska Vetenskaps-Societetens Förhandlingar ... Helsingfors (Helsingfors Centraltryckeri) 1920. Oct. (*Physiol. Stud. Leberm.*).

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23.456. Öfversikt av Finska Vetenskaps-Societetens Förhandlingar ... *Über den Photo- und Hydrotropismus der Lebermoospflanze* ... Helsingfors (Helsingfors Centraltryckeri) 1921. Oct. (*Photo- Hydr.-trop. Lebermoospfl.*).

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23.457. *Die Scapanien Nordeuropas und Sibiriens* I. ... Helsingfors (Helsingfors Centraltryckeri och bokbinderi Aktiebolag) 1922 [-1928]. Oct. (*Scapan. N.-Eur. Sib.*).

Publ.: 1: Nov-Dec 1922 (mss. submitted 23 Oct 1922, date of reprint 1922), cover-t.p., p. [1]-21. *Copies*: B, Gr-V, L. – Issued as Soc. Sci. Fenn. Comm. Biol. 1(4). – Collander et al. no. 23, dated 1924, however, cover-t.p. is dated 1922.

Note: The reprint contains also “*Über Kutikula bewohnende Mikroorganismen der Lebermoose ...*”, p. [1]-2, see below.

2: 1928 (read 24 Oct 1927, Nat. Nov. Jan 1929), cover-t.p., p. [i*], [ii]-iii, [iv], [1]-173, [174-177], map with text. *Copies*: B, L, MO, U. – Issued as Soc. Sci. Fenn. Comm. Biol. 3(1). Collander et al. no. 30. – “II. Systematischer Teil ...”. – The cover-t.p. has “Helsingfors (Akademische Buchhandlung), Berlin (R. Friedländer & Sohn)”.

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Loeske, L., Bot. Centralbl. ser. 2. 14: 300. 1929.

23.458. *Über Kutikula bewohnende Mikroorganismen der Lebermoose*. Vorläufige Mitteilung ... Helsingfors (Helsingfors Centraltryckeri och bokbinderi Aktiebolag). 1922. Oct.

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23.461. Über die Entstehung der verschiedenen *Blattflächenstellungen* bei den *Lebermoosen* ... The Hague (Martinus Nijhoff ("Ni Hoff")). 1930. Oct.

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23.462. *Vorarbeiten zu einer Lebermoosflora Fenno-Scandias I.* Ein Versuch zur Aufteilung der Gattungen *Lophozia* Dum. und *Sphenolobus* Steph. ... Helsingforsiae (Ex officina typographica Societatis heredum J. Simelii) 1933 [-1936]. Oct.

Publ.: 1: 1933 (text of 7 Mai 1932, publ. 1933), cover-t.p., p. [282]-297. *Copies*: B, L. – Reprinted and to be cited from Mem. Soc. Fauna Fl. fenn. 8: 282-297. 1933. – Collander et al. no. 37.

2-3, [3a]: 1936 (2: 195-197, 3: 197-214, [3a]: 214), p. [195]-214. *Copies*: B, Gr-V, L. – Reprinted and to be cited from Mem. Soc. Fauna Fl. fenn. 11: 195-214. 1936.

2: *Elfin den letzten Jahren für Finnland nachgewiesene Arten* on p. [196]-197. – Collander et al. no. 51.

3: *Die Gattung Calypogeia Raddi* on p. 197-214. – Collander et al. no. 52.

[3a]: *En ovanlig form av Tanacetum vulgare* on p. 214. – Collander et al. no. 53.

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23.463. *Redögörelse* för min *botaniska* forsknings- och *studieresa* till nordvästra Spanien och Frankrike 1930-31. – *Mitteilungen über die Flora und Vegetation Nordwestspaniens I.* *Cistus hirsutus* Lam. × *salvifolius* L. (*C. obtusifolius* Sweet) neu für Spanien ... Memoranda Societatis pro Fauna et Flora fennica ... Helsingforsiae 1933. Oct.

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23.464. *Experimentell-systematische Untersuchungen über die Lophozia ventricosa-Gruppe* ... [Reprinted from *Annales Bryologici* ... 1933]. Oct.

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23.465. *Archidium alternifolium* (Dicks.) Schimp. an der Nordgrenze seines europäischen Verbreitungsgebietes ... Memoranda Societatis pro Fauna et Flora fennica ... Helsingforsiae 1935. Oct.

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23.466. *Muscinéés récoltées dans le Nord-Ouest de la Peninsule ibérique* 15 juin – 1^{er} octobre 1930 ... Extrait de la *Revue bryologique et lichénologique* ... 1935. Oct.

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Follow-up: in *Id.* 10(1-3): 47-54. 1937, (15 Dec 1937, in journal). – No reprint seen. – Collander et al. no. 61.

23.467. *Die Leistungen S.O. Lindberg's als Bryologe* ... [Reprinted from *Annales bryologici* ... 1935]. Oct.

Subject: *Sexus Otto Lindberg (1835-1889)*, see TL-2/3: 31-38.

Publ.: 1935, cover (identif.), p. [22]-30. *Copy*: B. – Reprinted and to be cited from Ann. bryol. 8: 22-30. 1935. – Collander et al. no. 49.

Ref.: G.C., *Rev. bryol. lichénol. ser. 2.* 9(1-2): 164. 1936 (rev.).

23.468. *Suomen maksasammalet ... Helsingissä [Helsinki] (Kustannusosakeyhtiä otava) [1936].* Oct. (*Suomen maksammalet*).

Publ.: 1936, p. [1]-116, map. *Copies:* MO, U. – Collander et al. no. 56.

Ref.: Kotilainen, Mauno J., Luonnen ystävä 40: 180-189. 1936 (rev.).

Allorge, P., Rev. bryol. lichénol. ser. 2. 10(4): 160. 1938 (rev.).

23.469. *Scapania sphaerifera* spec. nova auctore Buch et Tuomikoski ... Memoranda Societatis pro Fauna et Flora fennica ... Helsingforsiae 1936. Oct.

Co-author: Tuomikoski, Risto Kalevi (1911-x), see TL-2/6: 534-537 and see Collander et al., *Bibl. bot. Fenn.* p. 526-529 (bibl.).

Publ.: 1936, p. [i, recto of 228], [228]-230. *Copies:* B, BKL, Gr-V. – Reprinted and to be cited from *Mem. Soc. Fauna Fl. fenn.* 12: 228-230. 1936. – Collander et al. no. 54.

23.470. *Fynd av Cryptothallus mirabilis i Finland ... Nordiska (19. skandinaviska) naturforskar mötet i Helsingfors ... 1936.* Oct.

Publ.: 1936, p. [441]-442. *Copies:* Gr-V, L. – Reprinted and to be cited from *Nordiska (19. skandinaviska) naturforskar mötet i Helsingfors:* 441-442. 1936. – Collander et al. no. 58.

23.471. *A preliminary check-list of the Hepaticae of Europe and America (North of Mexico) ... Leiden (published by the Chronica Botanica Company) 1938.* Oct.

Co-authors: Alexander William Evans (1868-1959), see TL-2/1: 806; Frans Verdoorn (1906-1984), see TL-2/6: 704-709.

Publ.: Feb 1938 (date on cover reprint), cover-t.p., p. [3]-8. *Copies:* BKL, L, U. – Reprinted and to be cited from *Ann. bryol.* 10: 3-8. 1938 ("1937"). – Collander et al. no. 63. – Also mentioned as TL-2/16.040, sub Verdoorn.

Ref.: Allorge, P., Rev. bryol. lichénol. ser. 2. 11(1-2): 117. 1938 (rev.).

23.472. *Telaranea nematodes aus Irland ... Leiden (published by the Chronica Botanica Company) 1938.* Oct.

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23.473. *Die Schistochila-Arten der Inseln Sumatra, Java und Celebes ... Leiden (published by the Chronica Botanica Company) 1939.* Oct.

Publ.: Nov 1939 (date on cover-t.p.), cover-t.p., p. [1]-20. *Copy:* Gr-V. – Reprinted and to be cited from *Ann. bryol.* 12: 1-20. 1939. – Collander et al. no. 65.

23.474. *Bryophyten von den Azoren und Madeira ... Helsingfors (Akademische Buchhandlung), Leipzig (Otto Harrassowitz) [1941].* Oct. (*Bryoph. Azoren Madeira*).

Co-author: [Nathan Petter] Herman Persson (1893-1978), see TL-2/4: 185.

Publ.: Apr 1941 (date of printing p. 16), cover-t.p., p. [1]-16. *Copy:* Gr-V. – Issued as *Soc. Sci. fenn. Comm. biol.* 8(7). 1941. – Collander et al. no. 68.

Buch, Otto (1848-?), German botanist, studied at the University of Breslau, Ph. D. ib. 1870. (*O. Buch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 273 (b. 27 Apr 1848, Karlsmarkt, Schlesien); BM 1: 274; Jackson p. 75; Rehder 1: 134.

23.475. *Ueber Sklerenchymzellen. Mikroskopische Untersuchungen ... Breslau (J.U. Kern's Verlag (Max Müller)).* 1870. Oct. (*Sklerenchymzellen*).

Publ.: 1870 (*Bot. Zeit.* 16 Jun 1871, *Flora* 29 Jul 1871), p. [i], [1]-31, [32, impr.]. *Copy:* G.

Buchanan, John (1819-1898), English botanist and geologist active in New Zealand from 1859, botanist to the Geological Survey of Otago, draughtsman and botanist with the Geological Survey of New Zealand 1866 at Wellington (*Buchanan*).

HERBARIUM and TYPES: OTA (plants, mss., drawings); further material at BM, BP, GOET, K (1048), LE, MEL, WELT.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 273 (d. 18 Oct 1898); BB p. 51-52; BL 1: 79, 82, 101; BM 1: 274; CSP 7: 291, 9: 385, 12: 129, 13: 886; Desmond p. 101 (d. New Zealand 18 Oct 1898); GR p. 392; Hortus 3: 1189; IH 2: 104; Jackson p. 403; Kew 1: 407; LS 4348-4350; Morren ed. 10, p. 151; NI 277; Rehder 1: 130-131; Tucker 1: 120; Zander ed. 10, p. 641, ed. 11, p. 728-729.

BIOFILE: Cassie, V., *N. Zeal. J. Bot.* 19: 389. 1981.

Cheeseman, Th.F., *Man. New Zealand fl.* xxviii-xxix. 1906.

McKenzie, E.H.C., *Arch. nat. Hist.* 11(2): 235. 1983 (fungi coll.).

St. George, I., *Botanical artists of New Zealand orchids*: 12. John Buchanan, *Orchids New Zealand* 13(6): 174-176. 1988 (gives year of death as 1898).

Tregear, E., *Trans. Proc. N.Z. Inst.* 31: 718-719. 1898 (brief obit., d. 18 Oct 1898).

23.476. *Sketch of the botany of Otago ...* Transactions and Proceedings of the New Zealand Institute, 1868. Oct.

Publ.: Mai 1869 (in journal), p. [22]-53. – In *Trans. Proc. New Zealand Inst.* 1(3): 22-53. 1869. – No reprint seen.

Second edition (of journal): 1875, p. 181-212. *Copy*: KNAW (in journal:) *Trans. Proc. New Zealand Inst.* 1(3): 181-212. 1875.

23.477. *Indigenous grasses of New Zealand ...* New Zealand (by Authority: George Didbury, ... Wellington) 1880. Qu. (*Indig. grass. N. Zeal.*).

Publ.: 1880 (preface Jun 1880, possibly issued in parts 1878-1880), p. [i, iii], [1]-13, *pl. 1-58 plus 17-2, 26-2, 29-2, 33-2, 34-2, 36-2* (uncol. liths.). *Copies*: B, MO.

23.478. *Manual of the indigenous grasses of New Zealand ...* Wellington (printed at the Office of James Hughes, ...) 1880. Oct. (*Man. grass. N. Zeal.*).

Publ.: Feb-Jun 1880 (p. v signed Jan 1880, *Nat. Nov.* Jul (2) 1880), p. [i]-xiv, [xv, xvii], [1]-174, [175], *87 pl.* (see index of plates). *Copies*: G, L, MO, NY.

Ref.: Koehne, B.A.E., *Bot. Centralbl.* 7(27): 11-12. 1881.

N.L., *Bot. Zeit.* 38: 607. 27 Aug 1880.

23.479. *On some new native plants ...* [*Trans. N. Zealand Inst. ...* 1887]. Oct.

Publ.: Mai 1887 (in journal, read 19 Jan 1887), p. [213]-216, *pl. 14-18* (uncol. liths.). *Copy*: G. – Reprinted and to be cited from *Trans. Proc. New Zealand Inst.* 19: 213-216, *pl. 14-18*. 1887.

Buchanan, John, Rev. C.M.G. (1855-1896), British (Scottish) missionary born at Perth, came to Nyasaland in service of the Free Church of Scotland Mission 1861, founded Mission Station at Zomba 1876, appointed Vice-Consul, Zomba 1877-1891, started a coffee plantation in Nyasaland 1881, 1890's pioneered with tobacco in Nyasaland, died at Chinde in the Zambezi valley (*J. Buchanan, C.M.G.*).

HERBARIUM and TYPES: BM (1115) and K (2380), further material at B (2000), DBN, E, F, G, HH, LE, MO, NH, OXF, P, SAM, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 273; BB p. 52; Clokie p. 140; IH 2: 27, 104; Kew 1: 407; Urban-Berl. p. 319, 334.

BIOFILE: Anon., Kew Bull. 1896(115/116): 148 (obit., d. 9 Mar 1896).
 Bayer, A.W., S. Afr. J. Sci. 67(8): 406. 1971.
 Jackson, B.D., Kew Bull. 1901: 12 (coll. Natal 1867-1883, 1035 nos.).
 Guillarmod, A.J., Fl. Lesotho 56-57. 1971.

23.480. *Revised list of the Ferns of Natal ...* Natal (P. Davis and Sons, Durban and Maritzburg) 1875. Oct. (*Rev. list Ferns Natal*).

Publ.: 1875, p. [1]-30. *Copies*: B, NY; IDC 7169/1. – Reprinted from the “Natal Colonist” (n.v.).

Buchanan, Robert Earle (1883-1973), American bacteriologist, born at Cedar Rapids, Iowa, studied at Ames, Iowa State College, degree in botany 1904, master in bacteriology 1906, Dr. in bacteriology, University of Chicago 1908, at the Department of Bacteriology of Iowa State College 1908-1948, active with the International Bacteriological Code of Nomenclature, editor of the International Bulletin of Bacteriological Nomenclature and Taxonomy, later International Journal of systematic Bacteriology. (*R.E. Buchanan*).

HERBARIUM and TYPES: ISC. (Buchanan: “Bacteriological types are increasingly maintained in type culture collections and are not adapted to herbarium preservation”).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 273 (b. 27 Mar 1883, Cedar Rapids, Iowa); BFM: 22, 23; IH 2: 104; LS 31.698-31.700; LS suppl. 4057-4060; Roon p. 22; Stevenson p. 1237.

BIOFILE: Gibbons, N.E., Biol. Abstracts 55(9): xxvi. 1 Mai 1973 (obit., d. 21 Feb 1973).
 Pammel, L.H., Proc. Iowa Acad. Sci. 31: 61. 1924.
 Prescott, G.W., Bibl. Desmid. univ. B-566. 1984.
 Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 58. 1981.
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NOTES: (1) Buchanan, R.E.T., *General systematic bacteriology*: history, nomenclature, groups of bacteria, Baltimore (Williams & Wilkins Company) 1925. Oct., 597 p. – Monographs on systematic bacteriology. vol. 1. *Copy*: MO.

(2) Buchanan, R.E.T. and N.E. Gibbons, *Bergey's manual of determinative bacteriology*. Ed. 8. – Co-editors, see e.g. Taxon 24: 377. 1975.

23.481. *Notes on the algae of Iowa ...* [From Proceedings Iowa Academy of Science ... (1907)]. Oct.

Publ.: 1905, cover (identif.), p. [1]-40. *Copies*: G, L. – Reprinted and to be cited from Proc. Iowa Acad. Sci. 14: 47-84. 1907. – Also issued as Contr. Bot. Dept. Iowa State Coll. no. 34.

23.482. *Monascus purpureus in silage ...* Reprinted from Mycologia ... 1910. Oct.

Publ.: Mai 1910 (date on cover-t.p.), cover-t.p., p. [99]-108, *pl.* 22-23 (uncol. draw.). *Copies*: HH, L. – Reprinted and to be cited from Mycologia 2(3): 99-108, *pl.* 22-23. 1910. – Also issued as Contr. Bot. Dept. Iowa State Coll. no. 43.

Buchegger, Josef (1886-?), Austrian botanist, born in Vienna, Dr. phil. Vienna 10 Jul 1913, “Demonstrator” at the Botanical Institute of the University of Vienna 1913-1915, later teacher at secondary schools, ultimately professor at the Bundes-Gymnasium in Linz. (*Buchegger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 274; Kew 1: 407.

BIOFILE: Anon., Allg. bot. Z. 20: 32. 1914 (“Demonstrator” Bot. Inst. Wien).

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***Buchenau, Franz [Georg Philipp]** (1831-1906), German highschool teacher and botanist at Bremen, outstanding morphologist, systematist and phytogeographer, born in Kassel, educated at the Kassel Gymnasium and the "Polytechnische Schule", studied in Marburg 1848-1850 and in Göttingen 1850-1852 with Bartling and Grisebach, Dr. phil. Marburg 1852, private teacher at Frankfurt a.M. 1853-1854, at the Garnierschen Erziehungsanstalten in Friedrichsdorf nr. Frankfurt a.M. 1854-1855, teacher at the "Bürgerschule" in Bremen 1855-1868, director of the same school 1869 (with the professor title), id. of the Realschule am Doventor 1876-1903. (*Buchenau*).

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Publ.: 3 Oct 1899 (fide Focke; Bot. Zeit. 16 Nov 1899, Nat. Nov. Nov (1) 1899), cover-t.p., p. [1]-4. *Copies:* B, G, L. – Reprinted and to be cited from Festschrift der 45. Versammlung deutscher Philologen und Schulmänner p. 157-162. 1899.
- 23-518.** *E. Ule's brasilianische Juncaceen ...* [Separat-Abdruck aus Engler's botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann) 1899]. Oct.
Publ.: 18 Apr 1899 (in journal; at Bremen rd. 22 Apr 1899, fide Focke), cover (identif.), p. [573]-579. *Copies:* B, L. – Reprinted and to be cited from Bot. Jahrb. 26(5): 573-579. 1899.
- 23-519.** *Marsippospermum* Reichei Fr. B., eine merkwürdige neue Juncacee aus Patagonien ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... [Berlin (Gebrüder Borntraeger ...) 1901]. Oct.
Publ.: 24 Apr 1901 (in journal, submitted 14 Mar 1901; Bot. Zeit. 1 Jun 1901; reprints received 11 Mai 1901, fide Focke), cover (identif.), p. [159]-170, pl. 7 (uncol. lith. auct.). *Copies:* G, L. – Reprinted and to be cited from Ber. deut. bot. Ges. 19(3): 159-170, pl. 7. 1901.
- 23-520.** *Über zwei Gräser der ostfriesischen Inseln ...* Sonder-Abdr. aus Abh. Nat. Ver. Brem. ... 1901. Oct.
Publ.: 15 Apr 1901 (fide Focke), p. [285]-296. *Copy:* L. – Reprinted and to be cited from Abh. naturw. Ver. Bremen 15(3): 285-296. 1901.
- 23-521.** *Die Flora der Maulwurfshaufen ...* Sonder-Abdr. aus Abh. Nat. Ver. Brem. ... 1901. Oct.
Publ.: 15 Apr 1901 (date receipt fide Focke, Buchenau rd. his copies 21 Apr 1901, fide note

on blank cover of copy L), p. [297]-306. *Copies*: B, L. – Reprinted and to be cited from *Abh. naturw. Ver. Bremen* 15(3): 297-306. 1901.

23.522. *Flora der ostfriesischen Inseln* (einschliesslich der Insel Wangeroog ... *Nachtrag* zur dritten Auflage ... Leipzig (Verlag von Wilhelm Engelmann) 1901. Oct. (*Fl. ostfries. Ins. Nachtr.*). *Publ.*: 11 Mai 1901 (fide Focke), cover-t.p., p. [i]-iv, [187]-213. *Copy*: B. – See TL-2/869 sub *ed. 4*.

Bucher, Christian Traugott (x-1808), German (Dresden) botanist. (*C.T. Bucher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 274 (d. 3 Feb 1808, Dresden); *BM* 1: 275; *PR* 1313, ed. 1: 1456; *Rehder* 1: 376.

23.523. *Florae Dresdensis nomenclator*; oder systematisches Verzeichniss der in der Gegend von Dresden wildwachsenden Sexualpflanzen, mit Angabe ihrer Standörter. Frucht mehrjähriger botanischer Wanderungen ... Dresden (In der Waltherschen Hofbuchhandlung) 1806. Oct. (*Fl. Dresd. nomencl.*).

Publ.: 1806, p. [1]-10, [1]-236, [237-249]. *Copies*: B, NY.

Bucherer, Emil [Bucherer-Gözl] (1852-1928), Swiss (Basel) botanist, educated at the Basel Gymnasium, studied physics in München, teacher in mathematics and natural sciences at the Basel Gymnasium until 1922, Dr. phil. Basel 1887 with Hermann Vöchting. (*Bucherer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 274 (b. 4 Oct 1852, Basel, d. 20 Apr 1928, Lugano); *BJI* 1: 8; *BM* 1: 275; *Kew* 1: 408.

BIOFILE: Senn, G., *Ber. Schweiz. bot. Ges.* 37: ix. 1928 (obit., b. 4 Oct 1852, Basel, d. 19/20 Apr 1928, Lugano).

23.524. *Beiträge zur Morphologie und Anatomie der Dioscoreaceen* ... Cassel (Verlag von Theodor Fischer) 1889. Qu. (*Beitr. Morph. Anat. Diosc.*).

Publ.: 1889 (ÖBZ 1 Dec 1889, *Bot. Zeit.* 27 Dec 1889, *Bot. Jahrb.* 25 Apr 1890), p. [i-ii], [1]-34, [35], *pl. 1-5* (uncol.). *Copy*: U. – Issued as *Bibl. bot.* 16, 1889. – Text used for *Dr. phil.* Basel 1887.

Ref.: *Pax, F.A., Bot. Jahrb.* 12(Lit.): 83-84. 1890 (rev.).

Buchet, Samuel (1875-1956), French student of myxomycetes and aroids, born in Roanne, Loire, studied medicine and botany at the University of Paris (Sorbonne), collected beetles and cryptogams, sometime teacher of botany at the Sorbonne, sometime president of the Société botanique de France. (*Buchet*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 274; *Kew* 1: 409; *LS* 32.750; *LS suppl.* 4062-4072, 6996; *NAF* 1(1): 155.

BIOFILE: Bogner, J., *Aroideana* 3: 60. 1980 (b. 23 Mai 1875, d. 21 Jan 1856, Le Noyer, Cher). *Reed, F.R., Bibl. fl. S.E. Asia* 20. 1969.

COMPOSITE WORKS: (1) S. Buchet translated and annotated N.A. Naumov, *Clés des Muco-rinées*, TL-2/6657 q.v.

OUTSIDE OUR PERIOD: *Les Myxomycètes de Madagascar*, Paris 1975, *Prodr. fl. mycol. Madagascar* vol. 6.

23.525. *Matériaux pour la flore française des Myxomycètes ...* [Lons-le-Saumier (Imprimerie et Lithographie Lucien Declume) 1912]. Oct.

Co-author: Henri Chermezon and Francis Evraud.

Publ.: 1912, p. [1]-27, [28]. *Copy:* B. – Reprinted and to be cited from Bull. Soc. mycol. France 28(3): 299-325. 1912. – LS suppl. 4071.

Follow-up: 15 Jul 1920 (in journal), in id. 36: 106-121. 1920. – No reprint seen. – LS suppl. 4072.

23.526. *Un cas de polyembryonie chez le Triglochin palustre L. et une germination anormale de l'Arisarum vulgare Targ.-Tozz. ...* [Bulletin de la Société botanique de France ... Paris (Au siège de la Société ...) 1908]. Oct.

Co-author: C.-L. Gatin.

Publ.: Mai (sero) 1908 (fide Leussink, Taxon 37(1): 54. 1988), cover (identif.), p. [164]-169.

Copy: L. – Reprinted and to be cited from Bull. Soc. bot. France 55(3): 164-169. 1908.

Buchheim, Alexander [N.] (1886-?), Russian botanist (Rostow at Don) who studied at the University of Bern, Dr. phil. Bern 26 Feb 1915. (*A. Buchheim*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 274; Kew 1: 409; LS suppl. 4074-4089.

NOTE: A. Buchheim received his Dr. phil. Bern on a dissertation *Der Einfluss des Aussenmediums auf den Turgordruck einiger Algen*, Bern (Druck von K.J. Wyss) 1915, 71 p., 1 pl. *Copy:* L. – *Rev.:* Matouschek, F., Bot. Centralbl. 132(8): 206-207. 1916. – Outside our scope.

23.527. *Étude biologique de Melampsora Lini ...* Genève (Bureau des Archives [des Sciences physiques et naturelles ...] 1915). Oct.

Publ.: 1915, cover-t.p., p. [149]-154. *Copy:* L. – Reprinted and to be cited from Arch. Sci. Phys. Nat. Genève 120: 149-154. 1915.

Abbreviated version: 1915, p. [73]-75. *Copy:* L. – Reprinted and to be cited from Ber. deut. bot. Ges. 33(2): 73-75. 1915.

Buchholz, John Theodore (1888-1951), American botanist, born Polk Co., Nebraska 14 Jul 1888, Bachelor of Science from Iowa Wesleyan College 1909 and Bachelor of Arts from State University of Iowa 1909, graduate study at University Chicago, fellow ib. in botany 1916-1917, Dr. philosophy 1917, instructor in biology at Arkansas State Normal School, Conway 1909-1911, head 1911-1918, dept. botany University Arkansas 1919-1926, professor botany University Texas 1926-1929, at University Illinois 1929-1942. (*J. Buchholz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 164, 165, 288; Hortus 3: 1189; Kew 1: 409; Zander ed. 10, p. 641, ed. 11, p. 729.

BIOFILE: Bullock, A.A., Biol. S. Afr. Bot. 19. 1978.

Ewan, J. et al., Short hist. bot. U.S. 53. 1969.

Hunt Institution, Biogr. Dict. Bot. Portr. Coll. 57. 1972.

Jones, G. Neville and O. Tippon, Phytomorphology 2: 181-185. Aug 1952 (obit.).

Jovet-Ast, S., Rev. bryol. lichénol. ser. 2. 18(1-2): 83. 1949 (récoltes de J.T. Buchholz en Nouvelle-Calédonie).

Stieber, M.T. et al., Huntia 4(1): 69. 1981.

23.528. The University of Chicago. *Suspensor* and early *embryo* of *Pinus*. A dissertation submitted to the Faculty of the Ogden graduate School of Science in candidacy for the degree of doctor of philosophy. Department of Botany ... Chicago, Illinois (Private edition, distributed by the University of Chicago Libraries ... The Botanical Gazette ...) 1918. Oct.

Publ.: 16 Sep 1918 (in journal), cover-t.p., p. [i], 185-228, *pl. 6-10* (uncol. draw.). *Copy*: U.
– Reprinted and to be cited from *Bot. Gaz.* 66(3): 185-228, *pl. 6-10*. 1918.

23.529. *Common forest trees of Arkansas*. How to know them. A pocket manual ... Coll. Agric. Univ. Ark. Ext. Circ. ... 1924. Oct. (*Common trees Arkansas*).

Co-author: Wilbur Reed Mattoon (1875-1941), see Barnhart 2: 463.

Publ.: 1924, p. 1-88. *Copies*: HH, NY. – Issued as Coll. Agric. Univ. Arkansas Extens. Circ. 180: 1-88. 1924.

23.530. *Supplement to the catalogue of Arkansas plants ...* Transactions of the Academy of Science of St. Louis ... 1926. Oct.

Co-author: Ernest Jesse Palmer (1875-1963), see TL-2/4: 30-31.

Publ.: Jun 1926 (date on cover-t.p.), cover-t.p., p. 91-155, *pl. 6-13* (uncol. phot.). *Copy*: BKL.
– Reprinted and to be cited from *Trans. Acad. Sci. St. Louis* 25(6): 91-155, *pl. 6-13*. 1926.

23.531. *Pollen-tube behavior with reference to sterility in Datura ...* New York (The Horticultural Society of New York) 1927. Oct.

Publ.: Jul 1927 (date on cover-t.p.), cover-t.p., p. 245-260, *pl. 16-18* (uncol. phot.). *Copy*: L.
– Reprinted and to be cited from *Mem. Hort. Soc. New York* 3: 245-260, *pl. 16-18*. 1927.

23.532. Science service radio talks presented over the Columbia Broadcasting System. *Seeds ...* Reprinted from *The Scientific Monthly ...* 1934. Oct.

Publ.: Apr 1934 (date on p. 367 of reprint), p. 367-369. *Copy*: BKL. – Reprinted and to be cited from *Sci. Monthly* 38: 367-369. 1934.

Buchli, Matheus (1898-x), Swiss agronomist and botanist, assistant at the Eidg. Landwirtschaftl. Versuchsanstalt Zürich-Oerlikon. (*M. Buchli*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 2135; BL 2: 558, 636; Kew 1: 409.

23.533. *Oekologie der Ackerunkräuter der Nordostschweiz ...* Bern (Verlag Hans Huber) 1936. Oct. (*Oekol. Ackerunkr. N.O.-Schweiz*).

Publ.: Aug 1936 (date on t.p.), cover-t.p., p. [1]-354, *pl. 1-6* (phot.), table. *Copy*: L. – Pflanzengeographische Kommission der Schweizerischen Naturforschenden Gesellschaft. Beiträge zur geobotanischen Landesaufnahme der Schweiz Heft 19. Schriftleitung: Prof. Dr. H. Brockmann-Jerosch.

Ref.: Gleason, H.A., *J. New York Bot. Gard.* 38: 71. Mar 1937 (rev.).

Janchen, E., *ÖBZ* 86(2): 154-155. 1937 (rev.).

Bucholtz [Buchholz], **Fedor** [Vladimirovič] (1872-1924), Polish born botanist and zoologist, from 1876 in Riga, educated at the Riga Gymnasium 1883-1891, studied botany in Moscow 1891-1895, stages at the University of Moscow 1895-1897, studied in Bern with Ed. Fischer 1896-1897, id. in München with Hartig and Tubeuf 1897, lecturer in botany and zoology at the Polytechnicum in Riga 1897-1903, Mag. bot. Moscow 1903, adjunct professor in Riga 1903-1907, professor of botany ib. (deputy) 1907-1912, full professor ib. 1912-1919, professor of botany and director of the botanical gardens in Dorpat [Tartu], Estonia, 1919-1924. (*Buchholz* (sic)).

HERBARIUM and TYPES: Issued *Fungi rossici exsiccati*, fasc. 1-4, 11-14, nos. 1-200, 500-700 (fasc. 5-10 not published), set at FH, further material at B, EAA, IAC, S, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 275 (b. 17/29 Oct 1872, Warsaw, d. 30 Apr 1924, Dorpat); BJI 2: 21; CSP 13: 892; IH 2: 104; Kew 1: 410; LS 3324, 4389-4407, 31.726-31.734, 41.075-41.077; LS suppl. 4108-4113; MW suppl. p. 28; Rehder 3: 537; Stevenson p. 1237.

- BIOFILE: Anon., Bot. Centralbl. 141(19): 304. 1919 (appointed at Dorpat); ÖBZ 69: 152. 1920 (appt. prof. bot., dir. Bot. Gard. Dorpat); Ber. deut. bot. Ges. 42: 181. 1924; S.B. naturf. Ges. Univ. Dorpat 1925: xi, xii.
- Lloyd, C.G., Mycological Notes 68(7) (3): 1169. 1923.
- Shetler, S.G., The Komarov Bot. Inst. facing 59. 1967.
- Szymkiewicz, D., Bibl. Fl. Polsk. 24. 1925.
- Welding, O. et al., Deutschbaltisches biogr. Lexikon 1710-1960: 118. 1970 (major source).

NOTE: Bucholtz's mycological library was acquired by HH(FH).

- 23-534.** *Zur Entwicklungsgeschichte der Tuberaeen ...* Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1897. Oct.
Publ.: 26 Mai 1897 (in journal, mss. submitted 7 Apr 1897, Nat. Nov. Jun (1) 1897), cover (identif.), p. [211]-226, *pl. 6* (p.p. col. lith.). *Copy:* B. – Reprinted and to be cited from Ber. deut bot. Ges. 15(4): 211-226, *pl. 6*. 1897.
- 23-535.** *Bemerkung zur systematischen Stellung der Gattung Meliola ...* Genève (Imprimerie Romet, ...) 1897. Oct.
Publ.: Jul 1897, cover-t.p., p. [1]-4. *Copies:* B, G, L. – Reprinted and to be cited from Bull. Herb. Boissier 5(7): 627-630, *pl. 22* (with text, uncol.). 1897.
- 23-536.** *Uebersicht aller bis jetzt angetroffenen und beschriebenen Pilzarten des Moskauer Gouvernements ...* [Bull. Soc. Natural. Moscou ... 1897]. Oct.
Publ.: Oct 1897 (copy B note by Bucholtz dated "31-10.1897"; Nat. Nov. Nov (1) 1897), p. [1]-53. *Copy:* B. – Reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou 11: 1-53. 1897.
- 23-537.** *Pseudogenea Vallisumbrosae* nov. gen. et spec. ... Sonderabdruck aus Hedwigia [Dresden (Druck von C. Heinrich)]. 1901. Oct.
Publ.: 20 Apr 1901 (in journal), p. [129]-131. *Copy:* B. – Reprinted and to be cited from Hedwigia 40(2): 129-131. 1901. – See ING 3: 1434. 1979.
- 23-538.** *Verzeichniss der bis jetzt im Baltikum Russlands gefundenen Hypogaeen ...* [Korrespondenzbl. des Naturf.-Ver. zu Riga ... 1901]. Oct.
Publ.: 1901, p. [1]-9. *Copy:* B (bibl. G. Lindau). – Reprinted and to be cited from Korresp.-Bl. Naturf.-Ver. Riga 44: 1-9. 1901 (fide LS 4396).
- 23-539.** *Hypogaeen aus Russland ...* Sonderabdruck aus Hedwigia ... [Dresden (Druck von C. Heinrich)] 1901. Oct.
Publ.: p. 304: 20 Oct 1901, 305-322: 30 Dec 1901 (in journal; text signed Mai 1901), cover (identif.), p. 304-322. *Copy:* B. – Reprinted and to be cited from Hedwigia 40(5): 304, 40(6): 305-322. 1901.
- 23-540.** *Beiträge zur Morphologie und Systematik der Hypogaeen (Tuberaeen und Gastromyceten pr.p.) nebst Beschreibung aller bis jetzt in Russland angetroffenen Arten. Mit 5 z.T. color. Tafeln und Zeichnungen im Text ...* Aus dem Naturhistorischen Museum der Gräfin K.P. Scheremetjeff, Michailowskoje Gouvern. Moskau. I. ... Riga 1902. Oct. (*Beitr. Morph. Syst. Hypog.*).
Publ.: 1902, p. [i-vi], [1]-196, *pl. 1-5* (p.p. col. liths.). *Copy:* B. – LS 4399. – In Russian with German summary on p. 177-182.
Note (1): See also his *Zur Morphologie und Systematik der Fungi hypogaei*, Ann. mycol. 1: 152-175, *pl. 4-5* (uncol. liths.), 1903.
Note (2): *Nachträgliche Bemerkungen zur Verbreitung der Fungi hypogaei in Russland*, Bull. Soc. Imp. Natural. Moscou. ser. 2. 18: 335-343. 1904.
Note (3): For "Zweiter Nachtrag" see below (1908).

Note (4): Tabelle zum vorläufigen Bestimmen der in Russland gefundenen Fungi hypogaei,
Acta Horti bot. Univ. Jurgev. 9: 1-13. 1908 (Russian, n.v., see LS 31.730).

Ref.: Tranzschel, W., Bot. Centralbl. 92(1): 11-13. 7 Jan 1903 (rev.).

23-541. Die *Pucciniaarten der Ostseeprovinzen Russlands*. Vorstudie zu einer baltischen Pilzflora ... Jurjew (Dorpat) (Druck von C. Mattiesen) 1905. Oct.

Publ.: 30 Mar 1905 (date on p. [2]), cover-t.p., p. [1]-60. Copies: B, L. – Reprinted and to be cited from Arch. Naturk. Liv-, Ehst- Kurlands 13(1): 1-60. 1905. – LS 4404.

23-542. *Verzeichnis der bisher in den Ostseeprovinzen Russlands bekannt gewordenen Puccinia-Arten* Burg B.M. [Bei Magdeburg] (Druck von A. Hopfer) 1905. Oct.

Publ.: 10 Dec 1905 (in journal, publ. after “*Die Pucciniaarten*”, Nat. Nov. Jan (1) 1906), cover-t.p., p. [437]-466. Copy: L. – Reprinted and to be cited from Ann. mycol. 3(5): 437-466. 1905. – Abbreviated text of the “*Die Pucciniaarten ...*”, see above. – LS 4405.

23-543. *Zur Entwicklung der Choiromyces-Fruchtkörper ...* Berlin (R. Friedlaender & Sohn) 1908. Oct.

Publ.: 31 Dec 1908 (in journal), cover-t.p., p. [539]-550, pl. 23 (uncol. lith. auct.). Copy: L. – Reprinted and to be cited from Ann. mycol. 6(6): 529-550, pl. 23. 1908. – LS 31.731.

23-544. *Zweiter Nachtrag zur Verbreitung der Hypogaeen in Russland ...* Moscou (Typolithogr. de la Société J.N. Kouchnéreff et C-ie, Pimen, prop. mais.) 1908. Oct.

Publ.: 1908, cover-t.p., p. [1]-62. Copies: B, L. – Reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou ser. 2. 21(4): 431-492. 1907 [sic: publ. 1908]. – See above sub *Beitr.* *Morph. Syst. Hypog.* (note (3)).

Ref.: Herter, W.G.F., Bot. Jahrb. 43(Lit.): 21. 1909 (rev.).

23-545. *Verzeichnis der bisher für die Ostseeprovinzen Russlands bekannt gewordenen Myxogasteres*. Nach vorhandenen Literaturangaben und Sammlungen zusammengestellt ...

Separatabdruck aus dem Korrespondenzblatt des Naturforscher-Vereins zu Riga ... 1908. Oct. Publ.: 1908, p. [93]-108. Copy: L. – Reprinted and to be cited from Korresp.-Bl. Naturf.-Ver. Riga 51: 93-108. 1908. – LS 31.732.

Note: On p. 93 a brief introduction by K.R. Kupffer on the “*Beiträge zur Kenntniss der ostbaltischen Flora*” of which this “*Verzeichnis*” is 5(1).

23-546. *Verzeichnis der bisher für die Ostseeprovinzen Russlands bekannt gewordenene Peronosporineae ...* Sonderabdruck aus dem lii. Bande des Korrespondenzblattes des Naturforscher-Vereins zu Riga 1909. Oct.

Publ.: Sep-Dec 1909 (p. 161, text signed Aug 1909), p. [161]-172. Copy: L. – Reprinted and to be cited from Korresp.-Bl. Naturf.-Ver. Riga 52: 161-172. 1909. – LS 31.733.

23-547. *Zur Entwicklungsgeschichte des Balsamiaceen-Fruchtkörpers nebst Bemerkungen zur Verwandtschaft der Tubereen ...* Berlin (R. Friedlaender & Sohn) 1910. Oct.

Publ.: 30 Apr 1910 (in journal), cover-t.p., p. [121]-141, pl. 1 (uncol. lith. auct.). Copy: L. – Reprinted and to be cited from Ann. mycol. 8(2): 121-141, pl. 1. 1910. – LS 31.734.

23-548. *Beiträge zur Kenntnis der Gattung Endogone Link ...* Sonderabdruck aus “*Beihefte zum Botan. Centralblatt*” ... 1912. Oct.

Publ.: 1912, cover (identif.), p. [147]-225, pl. 3-10 (uncol. liths.). Copy: L. – Reprinted and to be cited from Beih. Bot. Centralbl. 29(1-2) (Abt. II): 147-225, pl. 3-10. 1912.

***Buchtien, Otto August** (1859-1946), German botanist, explorer of the Andes, born in Rostock, studied at the University of Rostock, Dr. phil. ib. 1887, moved to South America, teacher in Chile (ca. 1906), later idem in Bolivia and director of the National Museum of La Paz, collected widely in Bolivia, Northern Patagonia, and Peru, returned to Germany 1936. (*Buchtien*).

HERBARIUM and TYPES: US (22,000, rd. 1922; various collectors), further material in AMES, B (2000; also from Herb. Ullepitsch), BAF, BM, BP, C, DBN, E, F, G, GB, GE, GOET, H, HBG, HH, JE, K, L, LD, LPB, LY, M, MANCH, MICH, MO, NSW, NY, O, OXF, P, PH, S, SGO, SI, SP, U, VT, W, WAG, WRSL, WU, Z.

(1) Some collections made with Ernst Karl Franz Günther, see IH 2: 245.

(2) Buchtien's number book (field notes etc) is at NY.

(3) Buchtien distributed exsiccatae: *Herbarium bolivianum* 1911-1928, included in our list above of herbaria holding B's material.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 275; BL 1: 237; BM 1: 276; Bossert p. 57; Clokie p. 140; CSP 13: 892; IH 2: 104, 245; Kew 1: 410; TL-2/1: 396 and see indexes; Urban-Berl. p. 319, 334.

BIOFILE: Buchtien, O., Contr. fl. Bolivia 1, La Paz, 1910 (checklist Bolivian colls.).

Cárdenas, M., Disertac. bot. amin. biol. 1969 (on B. removed his plants when he left Bolivia and sold them to US in 1922).

Frodin, D.G., Guide standard floras world no. 340 (200b). 1984.

Funk, V.A. and A. Scott Mori, Smithson. Contr. Bot. 70: 5. 1989 (lists herb. with B. material).

Herrera, F.L., Estud. Flora Dept. Cuzco, Lima 1930, p. 24.

Herzog, Th., Pfl.-Welt Boliv. Anden 3. 1923 (Veg. Erde 15).

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Reynolds Green, J., Hist. bot. 241. 1909.

Stieber, M.T. et al., Huntia 4(1): 69, 153. 1981 (mss.).

Wagenitz, G., Index coll. princ. herb. Gotting. 32-33. 1982 (major source, with notes from mss. H.P. Fuchs-Eckert and A. Dittmann).

23-549. *Entwicklungsgeschichte des Prothalliums von Equisetum*. Inaugural-Dissertation zur Erlangung der Doctorwürde der philosophischen Fakultät der Universität Rostock vorgelegt von Otto Buchtien ... Cassel (Verlag von Theodor Fischer) 1887. Qu.

Thesis issue: 1887 (p. 49: 7 Jan 1887), p. [i-ii], [1]-49. [no plates in the copies seen by us].

Copies: BKL, GOET, L. – No date of defense thesis known to us.

Regular issue: 1887 (p. 49: 7 Jan 1887; Bot. Centralbl. 26-30 Sep 1887; Nat. Nov. Sep (2) 1887), p. [i-ii], [1]-49, pl. 1-6 (uncol. liths.), on p. [ii]: "Separat-Abdruck aus der *Bibliotheca botanica* no. 8". *Copy*: G.

Ref.: Burgenstein, Alfred [1850-1929], ÖBZ 38: 101-102. 1 Mar 1888 (rev.).

Karsten, G., Bot. Zeit. 46: 239-241. 13 Apr 1888.

23-550. *Contribuciones a la Flora de Bolivia I. Parte ... La Paz – Bolivia* (Tall. Tip.-Lit.de J.M. Gamarra) 1910. Oct. (*Contr. Fl. Bolivia*).

Publ.: 1910, cover-t.p., p. [i], [1]-197. *Copy*: L.

Note: List only with descriptions of new species and citation of localities. – Direccion general de estadística y estudios geograficos-sección: Museo nacional.

Buchwald, Johannes (1869-1927), German botanist, born in Berlin, educated at the Königsstädtische Gymnasium of Berlin, studied at the University of Berlin, Dr. phil. ib. 31 Oct 1894, with A. Engler in East Africa, in charge of the establishment of the Usambara research institute 1895, returned to Berlin, with the imperial State health office in Berlin, assistant with Wittmack at the Landwirtschaftliche Hochschule Berlin, from 1913 director of the Versuchsanstalt für Getreideverwertung, died on a visit to North America. (*Buchw.*).

HERBARIUM and TYPES: B. – Further material at K, L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 275 (b. 16 Aug 1869, Berlin, d. 17 Mar 1927, Washington); BJI 1: 8; Hortus 3: 1189; IH 2: 104; Rehder 1: 493, 2: 165, 322, 4: 74; Urban-Berl. p. 263, 274, 285, 296, 334.

BIOFILE: Anon., Bot. Centralbl. 63(34): 255. 28 Aug 1895 (appt. in charge of the setting up of an experiment station for botany and agriculture at Korogwe, Usambara); Notizbl. Königl. Bot. Gart. Berlin 1(5): 173. 1896 (sent 540 plants to B from Usambara); Bot. Jahrb. 21 (Beibl. 53): 61. 1896 (in charge of the Experiment Station at Korogwe, Usambara, D.-Ost-Afr.); Hedwigia 53(3) (Beibl.): (234). 1913 (appt. professor at Kön. Landw. Hochschule, Berlin).

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Ulbrich, E., Verh. Bot. Ver. Prov. Brandenburg 70: 35-36. 1928 (obit.).

23-551. *Die Verbreitungsmittel der Leguminosen des tropischen Afrika*. Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigegeführten Thesen öffent. zu verteidigen am 31. Oktober 1894 ... Leipzig (Wilhelm Engelmann) 1894. Oct. (*Verbr.-Mitt. Legum. trop. Afr.*).

Publ.: 31 Oct 1894 (date of defense thesis; Nat. Nov. Dec (1) 1894), p. [1]-34, [35, vita, 36 Thesen], *pl.* 4-5. *Copies*: BKL, GOET. – Preprinted from Bot. Jahrb. 19(4): 494-561, *pl.* 4-5. 1894.

Regular issue: 28 Dec 1894 (date of publ. Bot. Jahrb. 19(4), Nat. Nov. Feb (1) 1895), cover-t.p., p. [ii of cover (identif.)], [i*], 494-561, *pl.* 4-5 (uncol. liths. auct.). *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 19(4): 495-561, [i*, imprint], *pl.* 4-5. 1894.

23-552. Beitrag zur *Gliederung der Vegetation von West-Usambara* ... Sonderabdruck aus den Mittheilungen aus den deutschen Schutzgebieten ... Berlin 1896. Oct.

Publ.: 1896 (Nat. Nov. Sep (1) 1898, sic), cover-t.p., [p. ii of cover-t.p.: printer], [1]-21. *Copy*: B. – Reprinted and to be cited from Mitth. deut. Schutzgeb. 9(4): 1-21. 1896.

Note: See also J. Buchwald, *Westusambara, die Vegetation und der wirtschaftliche Werth des Landes*, Tropenpflanzer 1: 58-60, 82-85, 105-108. 1897.

Buchwald, Niels Fabritius (1898-x), Danish botanist, born at Aalborg, Jutland, studied at the University of Copenhagen, cand. mag. 1924, assistant with the Royal Veterinary and Agricultural College, travelled in Iceland 1925, Copenhagen 1925, Rockefeller-Stipendiat at Cornell, U.S.A. 1930-1931, amanuensis 1935 ib., professor of phytopathology 1944. (*N.F. Buchw.*).

HERBARIUM and TYPES: CP.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 340; Barnhart 1: 275 (b. 10 Aug 1898); IH 2: 104; Kew 1: 410-411; LS suppl. 4124-4127; Roon p. 22; Stevenson p. 1237; TL-2, nos. 4178, 9621.

BIOFILE: Anon., Medd. Plantepat. Afd. Kgl. Vet. Landbohøjskole København, s.d., 4 p. (lists 8 publications).

Buchwald, N.F., Acta Phytopath. Acad. Sci. hung. 2: 183-194. 1967 (Entwickl. Pfl.-Pathol. Dänemark); Friesia 9: 348-354. 1970 (on R.E. and Elias Fries).

Christensen, C., Danske bot. Litt. 1912-1939. 243-246. 1940 (56 titles, portr., curr. vit.).

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COMPOSITE WORKS: Collaborator with J.E. Lange, *Fl. agaric. danic.* (TL-2/4178).

EPONYMY: *Buchwaldoboletus* Pilát, Friesia 9: 217. Feb 1969, see ING 1: 245. 1979.

NOTE: (1) N.F. Buchwald replied to an IAPT request for "Roon p. 22": Have you made any plant collections ...: "Yes! (sic), Denmark, Island 1923-1955" (dated 19 Sep 1956).

(2) Outside our period: N.F. Buchwald, *Sclerotiniaceae Daniae*. En floristisk-systematisk Oversigt over de i Danmark fundne Knoldbaegersvampe. I. Ciboria, Rutstroemia, Myrio-

sclerotinia g.n. og Sclerotinia, Friesia 3: 235-330. 1947; and: *Studies in the Sclerotiniaceae I. Taxonomy of the Sclerotiniaceae*, D. kgl. Vet.- og Landbohøjskole, København. Aarsskrift 1949: 75-191. 1949.

(3) *Sclerotinia* Fuckel (1870), nom. cons. (see Int. Code Bot. Nom. 1988, p. 144) was based on N.F. Buchwald and Paul Neergaard, Friesia 10(1-2): 96-99. 1973 and Taxon 25(1): 199-200. 1976.

23-553. *De danske Arter of Slaegten Merulius* (Hall.) Fr. med en saerlig Omtale af Gruppen Coniophori Fr. ... Dansk Botanisk Arkiv ... 1928. Oct. (*Danske Art. Merulius*).

Publ.: 1928, p. [1]-46, [47 contents], [48 list of other titles in Dansk Bot. Ark.] *Copy*: U. – Issued as Dansk bot. Ark. 5(21). 1928. – Christensen no. 2. – LS suppl. 4124.

23-554. Oversigt over de hidtil kendte *danske Scleroderma-Arter* ... Saertryk af: Medd. fra Foren. til Svampekundsk. Fremme ... 1929. Oct.

Publ.: 1929, p. [29]-33. *Copy*: B. – Reprinted and to be cited from Medd. Foren. Svampekundsk. Fremme 1929: 29-33. – Christensen no. 6. – LS suppl. 4127.

23-555. Tønder- eller Fyrsvampen (*Polyporus fomentarius* (L.) Fr.) Dens Naturhistorie, Historie og Anvendelse. (The tinder fungus (*Polyporus fomentarius* (L.) Fr., its natural history, history and application) ... Saertryck af Medd. fra Foren. til Svampekundsk. Fremme ... 1930. Oct.

Publ.: 1930 (text signed on p. 92: Mai 1930), p. [49]-92. *Copy*: B. – Reprinted and to be cited from Medd. Foren. Svampekundsk. Fremme 1930: 49-92. – Christensen no. 10.

23-556. *Fungi imperfecti* (Deuteromycetes) en vejledning i studiet af de sekundaere sporeformer hos svampene ... Memoriae Ove Rostrup (1864-1933) de studio micromycetum optime meriti dedicatum. Udgivet af den Kongelige Veterinaer- og Landbohøjskole ... København 1939. Oct. (*Fungi imperfecti*).

Publ.: 1939, cover-t.p., p. [i-viii], [1]-144. *Copies*: B, L. – Christensen no. 54. *Ref.*: Ulbrich, E., Bot. Jahrb. 70(Lit.): 54-56. 6 Oct 1939 (rev.).

***Buckland, Rev. William** (1784-1856), British geologist and mineralogist, born in Axminster, Devonshire, educated at Winchester School, studied at Oxford, at Corpus Christi College 1801, graduated 1804, admitted to holy orders 1809, reader in mineralogy 1813, reader in geology 1818, lectured also in London, dean of Westminster 1845. (*Buckland*).

HERBARIUM and TYPES: BM and OXF (Reliq. diliv. types). – Letters at BM and K.

BIBLIOGRAPHY and BIOGRAPHY: Andrews ed. 2. p. 243; Barnhart 1: 276; BB p. 52; BM 1: 276-277, 6: 153; CSP 1: 702-704, 6: 611, 13: 891; Desmond p. 102; DNB 7: 206-208; DSB 2: 566-572 (main source, by W.F. Cannon); Jackson p. 182; Kew 1: 642 (sub Crawford); ME 3: 546; PR ed. 1: 1501-1502; Quenstedt p. 66; TL-2/1: 396-397.

BIOFILE: Anon., Bonplandia 3: 30. 1855 (cogn. Leop. Fanjus St. Fond.), 4: 284. 1856 (obit. not.), 5: 30. 1857 (obit.), 6: 334. 1858; Bot. Zeit. 14: 870-871. 1856 (obit.); Proc. Roy. Soc. 1856-1857: 264-269; Quart. J. Geol. Soc. 1857: xxvi-xxv; Nature 178: 290-291. 1956.

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Carter, H.B., Sir Joseph Banks 1743-1820: 624. 1988.

Clarke, J.M., James Hall of Albany 558 (index). 1923.

Edmonds, J.M., Arch. Nat. Hist. 18(2): 255-268. 1991 (on "Vindiciae Geologicae").

Glass, B. et al., Forerunners of Darwin 265ff. 1968.

Gordon, E.O., The life and correspondence of William Buckland ... London (John Murray) 1894, xvi, 288 p. (has also a bibliography).

- Gunther, R.T., Early science in Oxford 181, 193-195, 226-237, 241-244, 335. 1925 (facsim. 1968).
- Hooykaas, R., Natural law and divine miracle 235 (index). 1959.
- Lurie, E., Louis Agassiz 436 (index). 1970.
- Mabberley, D.J., Jupiter botanicus 474. 1985 (16 refs.).
- Nissen, C., Zool. Buchill. 70. 1966.
- North, F.J., Ann. of Sci. 5(2): 91-128. 1942 (Paviland Cave, the "Red Lady", the deluge, and William B.); Proc. Geol. Ass. 54(1): 1-28. 26 Mar 1943 (see p. 14-15).
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- Sherborn, L.D., Where is the ... collection 27. 1941.
- Woodward, H.B., Hist. Geol. Soc. London 326. 1907.
- Zittel, K.A. von, Gesch. Geol. Paläont. 19. Jahrh. 848 (22 refs.). 1899.

***Buckley, Samuel Botsford** (1809-1884), American naturalist born Torrey Township, West Dresden, Yates County, N.Y., studied at Wesleyan University, Middletown, Connecticut, 1833-1836, collected plants in Illinois and Missouri, 1837, the Virginias (including what is now West Virginia), Kentucky, Illinois, and Alabama, 1838, teacher in Alabama, 1839-1840, travelled widely in the mountains of North Carolina, South Carolina, Tennessee, and Georgia, 1842, studied at College of Physicians and Surgeons, N.Y., 1842-1843, collected plants in Florida Territory, 1843, farmer, upstate N.Y., 1843-1855, bookstore employee, Yellow Springs, Ohio, 1855-1856, determined mountain elevations in North Carolina and Tennessee, 1858, assistant geologist and naturalist, Texas Geological Survey, 1860-1861, U.S. Sanitary Commission, 1862-1865, state geologist of Texas, 1866-1867, 1874-1877, Ph.D. Waco University, 1872. (*Buckley*).

HERBARIUM and TYPES: A, ALU, B (ex MO), BM (375), BR, CGE, DNB, DWC, F, G, GA, GH, ISC, KSC (ex MO), LE, LIV, MEL, MO (orig. herb. to ca. 1858?; duplicates distributed ca. 1889 as "ex Shaw School of Botany"), NA, NY (incl. WECO, Hamilton College & DPU; lichens ex Fred. L. Sargent ex MO), OXF, P (ex CN), P-DU, pf (= Paul Fryxell), PH, TEX, US, W.

Nota bene: Buckley had a large number of botanical correspondents and an active exchange, both in the US and Europe. At one point in the 1840s he attempted to support himself as a collector by selling specimens and he sent material to Wm. Pamphlin (sic?) of London on consignment. Later, when he was more prosperous Buckley purchased collections such as Lindheimer's Fascicles I-IV and Fendler's Venezuelan ferns.

In addition to vascular plants, there is evidence that Buckley collected mosses, lichens, and algae. The present location(s) of these cryptogamic collections is not clear. He was also an important horticultural collector supplying Parsons & Co., Flushing, Long Island with thousands of roots and shrubs from the Southern Appalachians. He made wood specimens in Texas for Charles S. Sargent's Forestry Report in the 10th Census. They went to the Jesup Collection of the American Museum of Natural History, but have since been destroyed.

Types: Buckley described 6 genera and 210 species of vascular plants.

- (1) Buckley worked closely with Torrey and Gray in preparing his first (1843) botanical paper; lectotype material is consequently in NY and GH, isotypes are widely scattered.
- (2) Buckley studied his Texas collections (those made from 1859 to 1861) at PH and had access to Elias Durand's herbarium, which subsequently was deposited in Paris (P-DU). Buckley based new species on his own collections and those of Nuttall, Wright, Fendler, etc., which had been deposited earlier in PH. Gray borrowed Buckley's new Texas species from Durand and PH and wrote several articles criticizing Buckley's work. Gray kept "kleptotypes" of some of this material. Of Buckley's own collections from this period I do not think there are duplicates outside of PH, P-DU, and GH.
- (3) In 1883 Buckley sent specimens from Texas to the Torrey Botanical Club. A few new species described by Buckley were based on these plants and the types are at NY, I have not seen duplicates elsewhere.

Consequently, despite the fact that MO has Buckley's original herbarium, MO is not an important source of type material.

BIBLIOGRAPHY and BIOGRAPHY: Appleton 1: 439-440; Barnhart 1: 276 (b. 9 Mai 1809, Torrey Yates Co., N.Y., d. 18 Feb 1884, Austin, Texas); BM 1: 277; Clokie p. 140; CSP 1: 705-706, 7: 298, 9: 393, 12: 129, 13: 891; DAB 3: 232-235; Hortus 3: 1189; IF p. 685; IH 2: 105; Langman p. 168; Lenley p. 449; ME 1: 169, 3: 546 (index); NAF 28B(2): 322, ser. 2. 5: 234; Nickles p. 148-149; Quenstedt p. 66; Rehder 5(index): 133; TL-2/1: 397 and see indexes; Urban-Berl. p. 334; Zander ed. 10, p. 640, ed. 11, p. 729.

BIOFILE: Anon., Samuel Botsford Buckley. Alumni Record of Wesleyan University 1881-1883; Prof. S.B. Buckley, Gard. Monthly (Meehan) 26: 154-155, 221. 1884 (obit.); Bot. Gaz. (Crawfordsville) 9: 82. 1884.

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Carpenter, M.M., Bibl. Biogr. Entomol., Amer. Midl. Natural. 33(1): 14. 1945.

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Rodgers, A.D., John Torrey 173, 177, 298. 1942; Amer. bot. 1873-1892. 4, 22, 153, 275. 1944.

Sargent, C.S., Silva N. Amer. 3: 3-4. 1892.

Torrey, J. and A. Gray, A flora of North America 1: xii-xiii. 1838 ("from Illinois, Mr. Buckley has sent us large collections; and to him we are also indebted for many plants from the mountains of Virginia, and from Alabama.").

Trelease, W., Ann. Rep. Missouri Bot. Gard. 1: 91-102. 1890 ("orig. herb. ... purchased of the late Mrs. Rebecca Mann Dean (sic) ...").

Wright, B.H., Memories of local naturalists compiled by Berlin Hart Wright for Yates County Genealogical and Historical Society also Conservation Club of Keuka Park, N.Y. Publication Number One (B's biogr. 2 p., many errors of fact), undated; Bull. Torrey bot. Club 11: 46. 1884.

NOTE: Introduction by Laurence J. Dorr.

HANDWRITING: H.M. Burdet, Candollea 28: 141-142. 1973.

Bucknall, Cedric (1849-1921), British organist, composer and botanist, born Bath 2 Mai 1849, died Clifton, Bristol 12 Dec 1921, organist of a country church at fourteen, worked at St. Matthias, Stoke Newington under Dr. Monk, later Southwell Minister, Mus. Bac. in Keble College, Oxford, appointed to the Church of All Saints, Clifton 1876-1921. (*Buckn.*).

HERBARIUM and TYPES: BRIST (coll. 1431 species), K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 276 (b. 2 Mai 1849, Bath, id. 12 Dec 1921, Clifton, Bristol); BB p. 52; BM 1: 277; Clokie p. 140; Desmond p. 102 (further details); IH 2: 105; Jackson p. 12; Kew 1: 411; LS 4411-4414.

BIOFILE: Anon., J. Bot. 60: 32. 1921; Bot. Not. Index 1839-1935 (22), 175. 1939.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. no. 269.84. 1980.

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Riddelsdell, H.J., Fl. Glouc. cxxxiv-cxxxv. 1948.

White, J.W., J. Bot. 60: 65, 67. Mai 1922 (text with portr.).

23.557. Some hybrids of the genus *Symphytum* ... The Journal of Botany ... 1912. Oct. *Publ.*: Nov 1912 (in journal), cover (identif.), p. 332-337. *Copy*: L. – Reprinted and to be cited from J. Bot. 50: 332-337. 1912.

Budde, Herrmann (1890-1954), German botanist, algologist and pollen analyst, student of the Westphalian bogs and phytosociologist, school teacher, later lecturer at a teacher's training college, subsequently lecturer and professor at the University of Münster. (*Budde*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 276; BFM 1754, 1755; TL-2/11.432.

BIOFILE: Prescott, G.W., Bibl. Desmid. Univ. B575-B584.

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23.558. Limnologische Untersuchungen niederrheinischer und westfälischer Gewässer. Die *Algenflora der Lippe* und ihrer Zuflüsse ... Sonder-Abdruck aus dem Archiv für Hydrobiologie 1932. Oct.

Publ.: 1932, p. [187]-252, 6 charts. *Copy*: L. – Reprinted and to be cited from Arch. Hydrobiol. 24: 187-252, 6 charts. 1932.

Budde, [Johannes] Wilhelm (1844-?), German botanist, born at Köln on 28 Apr 1844, educated at the Friedrich Wilhelm Gymnasium *ibid.*, studied at the Friedrich Wilhelm University of Köln 1861-1865, Dr. phil. *ib.* 1865 (*J.W. Budde*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 276 (b. 28 Apr 1844, Köln); BM 1: 279; Kew 1: 412; PR 1341.

23.559. *De Euphorbiae helioscopiae* L. floris evolutione. Dissertatio botanica quam summorum in philosophia honorum consensu et auctoritate amplissimi philosophorum ordinis in Universitate Fridericia Guilelmia Rhenana rite obtinendorum caussa scripsit et una cum sententiis controversis die in mensis Augusti anni mdccclxv publice defendet ... Bonnæ [Bonn] (Formis Carthausianis [1864]). Oct. (*Euph. heliosc.*).

Publ.: 9 Aug 1864 (date of defense thesis), p. [i-vi], [1]-25, [26 vita, 27 sententiae controversae]. *Copies*: B, GOET.

Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 24(40): 313-314. 5 Oct 1866 (rev.).

Buddin, Walter (1890-1962), British (London born) mycologist, studied at the University of Cambridge, BA 1912, scholarship Brit. Ministry of Agriculture 1912-1915 in order to study at Cornell University 1914-1915, on war duty 1915-1919 (captain RAMCT), at the Imperial College of Science 1919-1920, from 1921 economist-mycologist with the Ministry of Agriculture at the University of Reading 1921-1946, plant pathologist with the Ministry of Agriculture 1946-1956. (*Buddin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 276 (b. 5 Nov 1890); Desmond p. 102 (b. London 5 Nov 1890, d. Reading, Berks. 14 Aug 1962); Kew 1: 412; LS suppl. 2523, 4135-4143; Stevenson p. 1237.

BIOFILE: Anon., Nature 196: 811-812. 1962; Ann. applied Biology 1963: 525 (obit.). Wakefield, E.M., Trans. Brit. mycol. Soc. 46: 295-296. 1963 (portr.).

23.560. *Some observations on the growth of Rhizoctonia crocorum* (Pers.) DC. in pure culture ... Cambridge (at the University Press) 1924. Oct.

Co-author: Else Maud Wakefield (1886-1972), see TL-2/7: 24-25.

Publ.: Oct 1924 (date on cover-t.p. reprint; mss. rd. 10 Mai 1924), cover-t.p., p. [i, recto of 292], 292-309, *pl. 10*. *Copy:* L. – Reprinted and to be cited from Ann. appl. Biol. 11: 292-309, *pl. 10*. 1924. – LS 4138.

23.561. *On the life-history of a fungus parasitic on Antirrhinum majus*, with some remarks on the genus *Heterosphaeria* ... Cambridge (at the University Press) 1926. Oct.

Co-author: Else Maud Wakefield (1886-1972), see TL-2/7: 24-25.

Publ.: Dec 1926 (date on cover-t.p.), cover-t.p., p. [169]-188. *Copy:* L. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 11(3-4): 169-188. 1926. – LS 4139.

23.562. *Studies on Rhizoctonia crocorum* (Pers.) DC. and *Helicobasidium purpureum* (Tul.) Pat. ... reprinted from the Transactions of the British mycological Society ... 1927. Oct.

Co-author: Else Maud Wakefield (1886-1972), see TL-2/7: 24-25.

Publ.: 30 Jun 1927 (date on cover-t.p.), p. [i, recto of 116], [116]-140, *pl. 11-14* (uncol.). *Copy:* L. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 12(2-5): 116-140, *pl. 11-14*. 1927. – LS 4141.

Buder, Johannes (1884-1966), German botanist, born and educated in Berlin, studied with Pfeffer in Leipzig, assistant ib. 1910, private lecturer (habilitation) ib. 1911, extraordinary professor succeeding Hugo Miede ib. 1917, director of the Botanical Garden of the Leipzig University 1921-1922, ordinary professor at Greifswald 1922, idem at the University of Breslau and director of its Botanical Garden 1928, in charge of the Botanische Anstalten of Halle 1947. (*Buder*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 198, 326; Barnhart 1: 277 (b. 16 Nov 1884, Berlin); LS suppl. 4144-4145; Moebius p. 320, 335.

BIOFILE: Anon., Hedwigia 51(3) (Beibl.): (244). 28 Nov 1911 (asst. Univ. Leipzig), 59(2) (Beibl.): (142). 1917 (e.o. professor at Leipzig); Jahrb. wiss. Bot. 56: 807. 1915 (assistant at Leipzig 1910, priv.); ÖBZ 71: 288. 1922 (Prof. Bot. Greifswald), 78(2): 192. 1929 (ordinarius and dir. of Bot. Gard. Breslau); Hercynia ser. 2. 14: 256. 1977 (dir. bot. institutes at Halle).

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Mägdefrau, K., *Gesch. Bot.* 278. 1973.

Schussnig, B., *Arch. Protistenk.* 109: i-iv (after p. 206). 1966 (in memoriam).

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23,563. *Zur Frage des Generationswechsels im Pflanzenreich ...* Berlin (Gebrüder Borntraeger) 1916. Oct.

Publ.: 23 Nov 1916 (in journal), cover-t.p., p. [559]-576. *Copies*: B, L. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 34(8): 559-576. 1916.

23,564. *Der Generationswechsel der Pflanzen ...* Sonderabdruck aus Monatshefte für den wissenschaftlichen Unterricht ... 1916. Oct.

Publ.: 1916, cover-t.p., p. [1]-47. *Copies*: B, L. – Reprinted and to be cited from *Monatshefte naturw. Unterricht* 1916 (Hefte 10 and 11/12) (n.v.).

Büchner, Eduard Wilhelm Gottlieb (1805-1867), German professor and teacher of mathematics and natural science at the Herzogl. Gymnasium at Hildburghausen. (*E. Büchner*).

HERBARIUM and TYPES: Unknown. – Issued artificial fungi, 32 edible, 32 poisonous, see ÖBZ 9: 377. 1859 (whether any set is still extant is not known to us). – See also TL-2/4931 (A.G. von Lösecke).

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23,565. *Schwammkunde*. Erste [- Sechste und letzte] Gruppe von zehn der essbarsten Schwämme in zwanzig nach der Natur entworfenen und colorirten Modellen nebst Beschreibung ... Berlin (Im Verlag von Theob. Grieben) 1855-1858. Oct. (*Schwammkunde*).

Publ.: 1 (first edition): 1855, n.v. (preface signed Oct 1854).

1 ("Zweite Auflage"): 1856 (p. viii: Aug 1856), p. [i*-ii*], [i]-viii, [3]-16; with [1]-8 p. "Schwammkunde. Gruppen von giftigen u. essbaren Schwämmen in der nach der Natur entworfenen und color. Nachbildungen, nebst Beschreibung" [text of advertisement for the Schwammkunde, signed by the publisher Theobald Grieben in Berlin].

2 (first edition): 1855, n.v.

2 ("Zweite Auflage"): 1856, p. [1]-22, followed again with the advertisement of 8 p., see vol. 1.

3 (first edition): 1855 or 1856, n.v.

3 ("Zweite Auflage"): 1856, p. [i]-vi, [1]-18, followed again with the advertisement of 8 p., see vol. 1.

4 (first and only edition): 1857, p. [1]-20.

5 (id.): 1857, p. [1]-16.

6 (id.): 1858, p. [i]-vi [p. vi: 14 Aug 1858], [1]-6, Register [7-10], followed again with the advertisement of 8 p., see vol. 1.

Copy: L.

Ref.: Anon., *Flora* 45: 234-235. 8 Mai 1862 (notes on receipts).

Buekers, P. G. (fl. 1904-1909), Dutch botanist. (*Buekers*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 22; BL 2: 421, 636; JW 3: 347; Kew 1: 413.

BIOFILE: Kneucker, J.A., *Bot. Jahrb.* 44(Lit.): 22. 23 Nov 1909 (rev.); *Allg. Bot. Z.* 15: 58. 1909 (rev.).

23,566. *Zakflora*. Lijsten voor het bepalen van alle in het wild groeiende en van veel gekweekte planten van Nederland. Vrij bewerkt naar Dr. Otto Schmeil & Jost Fitschen ... Zutphen (W.J. Thieme & Cie.) [1905]. Oct. (*Zakflora*).

Publ.: early 1905 (preface signed Dec 1904; *Nat. Nov.* Jul (1) 1905), p. [i-iv], [1]-229. *Copy*: L.

- 23.567.** Koloniaal Museum te Haarlem. *Het leven van Linnaeus*. Voordracht gehouden op 18 Mei 1907 ... Amsterdam (Druk van J.H. de Bussy) 1907. Oct.
Publ.: 21 Mai 1907 (in "De Indische Mercur"), cover-t.p., p. [1]-20. *Copy*: U. – Reprinted and to be cited from De Indische Mercur of 21 Mai 1907, no. 21.
- 23.568.** Die *Abstammungslehre*. Eine gemeinverständliche Darstellung und kritische Übersicht der verschiedenen Theorien mit besonderer Berücksichtigung der Mutationstheorie ... Leipzig (Verlag von Quelle & Meyer) 1909. Oct. (*Abstammungslehre*).
Publ.: Feb-Mar 1909 (p. v: Jan 1909; Allg. Bot. Z 15 Apr 1909), p. [i]-xi, [1]-354. *Copies*: G, U.
Ref.: Alten, v., Bot. Zeit., Abt. 2, 67: 329-331. 16 Dec 1909 (rev.).
- 23.569.** De *ontwikkelings-geschiedenis der levende natuur*, populair overzicht der verschillende theorieën ... Zutphen (W.J. Thieme & Cie.) [1911]. Oct. (*Ontw.-gesch. nat.*).
Publ.: 1911, p. [i-vii], [1]-320. *Copies*: L, U.
- 23.570.** *Plantenboek* naar [A.] Christiansen Taschenbuch einheimischer Pflanzen voor Nederland bewerkt door P.G. Buekers ... Zutphen (W.J. Thieme & Cie.) [1915]. Oct. (*Plantenboek*).
Publ.: 1915 (Nat. Nov. Aug (1,2) 1915), p. [i*, t.p.], [i]-ii, [1]-140, *pl. 1-48* (col.). *Copy*: U.
- Buen y del Cos, Odón de** (1863-?), Spanish botanist, professor of natural history at Barcelona, director of the Botanical Garden ib. and of the Biological marine laboratory at the Baleares. (*Buen*).
- HERBARIUM and TYPES: Unknown.
- BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 278 (b. 1863, Zuera, Saragosa); BM 1: 280; Rehder 1: 134, 422.
- BIOFILE: Anon., Encicl. Illustr. Segui 2: 772 (portr.); Encicl. Univ. illustr. 9: 1243 (portr., bibl.). Dörfler, I., Botaniker Adressbuch ed. 3. 283. 1909 (also in eds. 1 and 2).
- 23.571.** *Apuntes geográfico-botánicos sobre la zona central de la Península Ibérica*, ... Anal. de la Soc. Esp. de Hist. nat. ... 1883. Oct.
Publ.: 1883, p. [1]-20. *Copy*: G. – Reprinted and to be cited from Anal. Soc. Esp. Hist. nat. 12: 421-440. 1883.
- Bünger, Emil** (1861-?), German botanist, born at Neu-Ruppin, Mark Brandenburg, left the gymnasium of Neu-Ruppin 1882, studied at the University of Berlin 1882-1890, with e.g. Ascherson, Eichler and Schwendener, Dr. phil. 1890, teacher at the Spandau Gymnasium. (*Bünger*).
- HERBARIUM and TYPES: Unknown.
- BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 278.
- 23.572.** *Beiträge zur Anatomie der Laubmooskapsel*. Inaugural-Dissertation zur Erlangung der Doktorwürde von der philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu verteidigen am 28. Juni 1890 von Emil Bünger aus Neu-Ruppin ... Cassel (Druck von Gebr. Gotthelft) 1890. Oct.
Publ. (of thesis): 28 Jun 1890, p. [i-ii], [1]-31, *1 pl.* *Copies*: B, GOET(NSUB), NY. – Reprinted and to be cited from Bot. Centralbl. 42(20): 193-199. 14 Mai, (21): 225-230. 21 Mai, (22): 257-260. 28 Mai, (23): 289-296. 9 Jun, (24): 321-326. 11 Jun, (25): 353-356. *1 pl.* 18 Jun 1890.
- Büren, Günther von** (1889-?), Swiss (Bern) botanist, studied at the University of Bern with Ed. Fischer, Dr. phil. 1915 Bern. (*Büren*).

HERBARIUM and TYPES: BERN (12-14.000 nos.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 278; BFM 3067, 3068; Kew 1: 413.

BIOFILE: Rytz, W., Mitt. naturf. Ges. Bern 5: 17. 1922 (herb.).

23-573. Zur *Biologie* und *Entwicklungsgeschichte* von *Protomyces* ... [Mycol. Centralbl. ... 1913]. Oct.

Publ.: 1913, cover (identif.), p. [12]-13. *Copy*: L. – Reprinted and to be cited from Mycol. Centralbl. 3: 12-13. 1913.

23-574. Die *schweizerischen Protomycetaceen* mit besonderer Berücksichtigung ihrer Entwicklungsgeschichte und Biologie. Inaugural-Dissertation der philosophischen Fakultät der Universität Bern zur Erlangung der Doktorwürde, ... Von der philosophischen Fakultät auf Antrag des Herrn Prof. Dr. Ed. Fischer angenommen. Bern den 25 Feb. 1915 ... Bern (Buchdruckerei K.J. Wyss) 1915. Oct. (*Schweiz. Protomycet.*).

Thesis issue: Apr-Jun 1915 (mss. accepted 25 Feb 1915; Allg. Bot. Z. 10 Nov 1915, Bot. Centralbl. 31 Aug 1915), cover-t.p., p. [i-v], [1]-95, *pl. 1-7* (uncol. liths. with explanatory pages). *Copies*: B, L.

Regular issue: 1915 (Hedwigia 57(1) (Beibl.): (54). 10 Sep 1915), cover-t.p., p. [ii-v], [1]-95, *pl. 1-7* (id.). *Copies*: L, U. – Issued in the series *Beiträge Kryptogamenflora der Schweiz* Band 5, Heft 1.

English version: 1915, p. [i]-viii, 1-92, *pl. 1-7*. *Copy*: B (copy of reprint of 1987). – *Protomycetaceae of Switzerland*. Life history and biology New Delhi (Amerind Publishing Co. ...) 1915 [reprint 1987].

Ref.: Engler, A., Bot. Jahrb. 54(1) (Lit.): 5. 1916 (rev.).

W., ÖBZ 15: 269. 1 Sep 1915 (brief rev.).

Fischer, Ed., Bot. Centralbl. 129(9): 226-227. 31 Aug 1915 (rev.).

23-575. Beitrag zur *Kenntniss des Mycels* der Gattung *Volkartia* R. Maire (V. Büren) ... Bern (Druck und Verlag von K.J. Wyss) 1917. Oct.

Publ.: 1917 (p. 14 signed "im Juli" 1916), p. [1]-15, [16], *1 col. pl. Copies*: G, L. – Reprinted and to be cited from Mitt. naturf. Ges. Bern 1916: 112-124, *1 pl.* 1917.

23-576. Beitrag zur *Biologie* und *Entwicklungsgeschichte* von *Protomyces inundatus* Dangeard ... Bern (K.J. Wyss Erben) 1918. Oct.

Publ.: 1918, cover-t.p., p. [1]-24, *2 pl. Copies*: G, L. – Reprinted and to be cited from Mitt. naturf. Ges. Bern 1917: 109-132, *2 pl.* 1918.

23-577. *Weitere Untersuchungen über die Entwicklungsgeschichte und Biologie der Protomycetaceen* ... Habilitationsschrift der philosophischen Fakultät II der Universität Bern zur Erlangung der Venia docendi vorgelegt im November 1921 ... Zürich (Buchdruckerei Gebr. Fretz A.G.) 1922. Oct. (*Weitere Unters. Entw.-Gesch. Protomycet.*).

Publ.: *Habilitationsschrift*: 1922, p. [i-iv], [1]-94, *pl. 1-2* (*1*: photo, uncol., *2*: col. drawing L. Lutz). *Copies*: G, L, Stevenson.

Trade issue: 1922, cover-t.p., p. [ii-iv], [1]-94, *pl. 1-2* (id.). *Copies*: B, L. – Issued in Series *Beiträge Kryptogamenflora der Schweiz*, Band 5, Heft 3.

Ref.: Werdermann, E., Hedwigia 64(2) (Beibl.): (82). 23 Dec 1923 (rev.).

Bürkle, Richard (1875-?), German botanist, born 3 Feb 1875 at Weinsberg, at the Gymnasium at Heilbronn a. Neckar, studied pharmacy at the Kgl. Technische Hochschule, Stuttgart, also three "Semester" at the Kgl. Universität Erlangen with H. Solereder, Dr. phil. Erlangen 1901. (*Bürkle*).

HERBARIUM and TYPES: If any, at ER.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 413.

23.578. *Vergleichende Untersuchungen über die innere Struktur der Blätter und anderer Assimilationsorgane bei einigen australischen Podalyrieen-Gattungen* (Isotropis, Gompholobium, Burtonia, Jacksonia, Sphaerolobium, Viminaria, Daviesia, Aotus und Phyllota). Inaugural-Dissertation zur Erlangung der Doctorwürde der Hohen Philosophischen Fakultät der Friedrich-Alexanders-Universität Erlangen vorgelegt ... Stuttgart (A. Zimmers Verlag (Ernst Mohrmann)) 1901. Oct. (*Vergl. Unters. Strukt. Blätt.*).

Publ.: 18 Feb 1901 (date of defense thesis), p. [1]-91, [93, curr. vit.]. *Copies*: BKL, G, GOET (NSUB), L, U.

Büsgen, Moritz (1858-1921), German (Prussian, Hessen-Nassau born) botanist, born 1858 at Weilburg a. Lahn, educated at a gymnasium, studied at the University of Bonn (e.g. with Hanstein (two semesters), the University of Berlin (e.g. with Eichler, Kny, Schwendener, a single semester), and ultimately at the University of Strassburg (with de Bary), Dr. phil. Strassburg 1882, "pro facultate docendi" 1883, at the Naples zoological station 1883-1884, assistant with de Bary at Strassburg 1884-1886, habil. in Jena 1886, assistant with Ernst Stahl, extraordinary professor ib. 1891, at the Forstschule in Eisenach 1893-1901, full professor and director of the Botanical Institute and its botanical garden Hann.-Münden 1901-1921, visited and collected in Java 1902-1903. (*Büsgen*).

HERBARIUM and TYPES: Herbarium material not located (at Münden?), some material at B (from Kamerun) and BO (from Java).

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 280; CSP 9: 407, 13: 901-902; Kew 1: 413; Moebius p. 284, 380; Rehder 5(index): 134; SK 1: 88, 8: xviii; Urban-Berl. p. 334.

BIOFILE: Benecke, W., Ber. deut. bot. Ges. 39(Gen. Vers. Heft): (89)-(96). 1922 (biogr., list of publications, b. 24 Jul 1858, d. 22 Jul 1924 [sic: erroneous d. 12 Jun 1921]).
Wagenitz, G., Göttinger Biologen 1737-1945. 38. 1988.

COMPOSITE WORKS: (1) *Vegetationsbilder aus dem Kameruner Waldland*, in G. Karsten and H. Schenck, *Vegetationsbilder*, ser. 8, Heft 7: 9 p. text, pl. 37-42. 1911.

23.579. *Die Entwicklung der Phycomycetensporangien*. Inaugural-Dissertation der mathematisch-naturwissenschaftlichen Facultät der Kaiser Wilhelms-Universität Strassburg zur Erlangung der Doctorwürde ... Berlin (Druck von Gl. Bernstein ...) 1882. Oct. (*Entw. Phycomyc.-Spor.*).

Publ.: Jan-Jun 1882, p. [i-ii], [1]-53, [54-56], 1 pl. *Copy*: GOET(NSUB). – Preprinted [or reprinted] from *Jahrb. Wiss. Bot.* (Pringsheim) 13: 253-285. 1882.

Ref.: N.L., *Bot. Zeit.* 40: 495. 28 Jul 1882 (rev.).

23.580. *Beitrag zur Kenntniss der Cladochytrien*. Der Philosophischen Facultät zu Jena zur Erlangung der Venia docendi ... Breslau (Druck von Robert Nischkowsky) 1886. Oct. (*Beitr. Cladochytr.*).

Publ.: 1886, cover-t.p., p. [i], [1]-14, [15], pl. 15 (uncol. lith.). *Copies*: B, BKL, GOET(NSUB). – Preprinted or reprinted from *Beitr. Biol. Pfl.* (Cohn) 4(3): 269-283, pl. 15. 1886.

23.581. *Ueber einige Eigenschaften der Keimlinge parasitischer Pilze ...* [*Bot. Zeit.* 1893]. Oct.

Publ.: Jan 1893 (in journal), p. [53]-72, pl. 3 (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from *Bot. Zeit.* 51(1): 53-72. 1893.

23.582. *Systematisches Verzeichnis der in den Gärten der königl. Preuss. Forstakademie zu Hann. Münden kultivierten Holzpflanzen ...* Hann. Münden 1907. Oct. (*Syst. Verz. Forstakad. Holzpfl.*).

Publ.: 12-30 Jun 1907 (date on t.p.; p. 2, preface dated 12 Jun 1907), p. [i-ii], [1]-33, [iv]. *Copy*: B.

23,583. *Der deutsche Wald ...* Naturwissenschaftliche Bibliothek für Jugend und Volk von Höller und Ulmer ... Leipzig (Quelle & Meyer) 1908. Oct. (*Deut. Wald*).
Publ.: 1908, p. [i]-viii, [1]-176, 2 pl. (n.v.; fide Bot. Zeit. 67(II): 48. 1 Feb 1909).
Ed. 2: 1916, 183 p., (n.v.; fide Allg. Bot. Z. 22: 93. 20 Dec 1916).
Ed. 3: undated but preface dated Nov 1924, frontisp., p. [i]-viii, [1]-176, 8 p. advert. *Copy*: U.
Ref.: Kneucker, A., Allg. bot. Z. 22: 42. 30 Jun 1922.

23,584. *Bau und Leben der Waldbäume ...* Jena (Verlag von Gustav Fischer) 1897. Oct. (*Bau Leben Waldbäume*).
Publ.: *Ed. [1]*: 1897 (Nat. Nov. Nov (2) 1897, Flora 17 Jan 1898, Bot. Zeit. 16 Mar 1898), p. [i]-viii, [1]-230. *Copies*: BM, HH.
Ed. [2]: Jun-Aug 1917 (preface dated Jun 1917; Nat. Nov. Sep (1,2) 1917), p. [i]-viii, [1]-340. *Copy*: U.
Ed. 3: Jan-Apr 1927, p. [i]-vii, [1]-426 (n.v.; fide Nat. Nov. Mai 1927).
Ref.: Kienitz, G., Bot. Zeit. 55(II): 373-375. 16 Dec 1897 (rev.).

***Bütschli, [Johann Adam] Otto** (1848-1920), German zoologist, born in Frankfurt a. M., professor of zoology in Heidelberg, mainly working on protozoa. (*Buetschli*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 278 (b. 3 Mai 1848, Frankfurt a.M., d. 2 Feb 1920, Heidelberg); BM 1: 280, 6: 157; CSP 13: 902; De Toni 4: ix; DSB 2: 625-628; Kew 1: 413; Moebius p. 68, 69, 71, 77, 81, 180; TL-2/1: 400.

BIOFILE: Anon., Nuova Notarisia 32: 71. 1917 (n.v.); Proc. Linn. Soc. 1921-22: 41-42. Bütschli, J.A.O., Sb. Heidelberger Akad. Wiss. Kl. B. 1920: 1-12 (autobiogr., portr.). Goldschmidt et al., Die Naturwissenschaften 7: 543-570. 1920 (portr., bibl.). Hamburger, Sb. Heidelberger Akad. Wiss. Kl. B. 1920: 13-19 (bibl.). Jackson, B.D., Proc. Linn. Soc. 134: 41-42. 1922. Ucinich, Alex., Darwin in Russian thought, p. 275, 327. 1988.

COMPOSITE WORKS: (1) Kirchner, Blochmann and Bütschli, *Die mikroskopische Pflanzenwelt des Süßwassers*, see E.O.O. Kirchner, TL-2/3664 (Nat. Nov. Jan (2) 1885).

23,585. *Studien über die ersten Entwicklungsvorgänge der Eizelle, die Zelltheilung und die Conjugation der Infusorien ...* Frankfurt a.M. (Christian Winter) 1876. Qu. (*Stud. Entw.-Vorg. Eizelle*).
Publ.: 1876, cover-t.p., p. [i, iii], [1]-250, [251-252], pl. 1-15 (uncol. draw. auct. with text). *Copy*: U. – Issued as Abh. Senckenb. naturf. Gesellsch. 10, 1876.

23,586. *Weitere Ausführungen über den Bau der Cyanophyceen und Bacterien in Anschluss an meine Abhandlung aus dem Jahre 1890 ...* Leipzig (Verlag von Wilhelm Engelmann) 1896. Oct. (*Bau Cyanoph.*).
Publ.: 1896 (Behrens 16 Sep 1896, see refs.), cover-t.p., p. [i-iii], [1]-87, [88, imprint], pl. 1-2 (uncol. phot.), 3-5 (col. liths. auct.). *Copy*: L.
Note: "Weitere Ausführungen" is a continuation of "Über den Bau der Bakterien und verwandter Organismen", Vortrag ... Leipzig 1890, 37 p., 1 pl.
Ref.: Behrens, W.J., Bot. Zeit. 54(II): 281-283. 16 Sep 1896.

Büttner, Oscar Alexander Richard (1858-1927), German botanist and ornithologist, born in Brandenburg a.d. Havel, secondary schooling in Berlin (Luisenstadt) and Potsdam, at the University of Berlin 1877, studying with Ascherson, Eichler, Kny, a.o., teacher at a secondary school at Potsdam 1881, Dr. phil. Berlin 1883, in North Angola and Zaïre 1884-1886 (Kongo exp.), teacher in Berlin 1889, in Togo at the research establishment Bismarckburg 1890-1892, later "Gymnasium Professor" in Berlin. (*Büttner*).

HERBARIUM and TYPES: B (p.p. destr.).

BIBLIOGRAPHY and BIOGRAPHY: CSP 13: 903-904; Kew 1: 413; Rehder 1: 491, 492; Urban-Berl. p. 163, 180, 263, 274, 285, 296, 334, 441.

BIOFILE: Leeuwenberg, A.J.M., *Webbia* 19(2): 861. 1965 (holotypes destr. at Berlin).

Meuse, A.D.J., in H. Merxmüller, C.R. AETFAT 4: 125. 1962.

Timler, F.K. and B. Zepernick, *Ber. deut. bot. Ges.* 100: 155. 1987 (in Togo 1890-1892).

Zepernick, B., Manuscript notes on Büttner in libr. B.

COMPOSITE WORKS: (1) *Einige Ergebnisse meiner Reise in Westafrika* in den Jahren 1884-1886, in: *Die Congo-Expedition*, *Afr. Ges. Deut. Mitth.* 5(2-12): 168-271. 1886-1889.

23,587. *Flora advena marchica*. Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde vorgelegt der Philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin und öffentlich zu verteidigen am 14. März 1883, vormittags 11 Uhr ... Berlin (Druck von Mesch & Lichtenfeld ...) 1883. Oct. (*Fl. adv. march.*).

Publ.: Thesis issue: 14 Mar 1883 (date of defense thesis; *Bot. Zeit.* 27 Jul 1883, *Nat. Nov.*

Jul (1) 1883), p. [i-ii], [1]-32, [33, Thesen, Vita]. *Copies:* BKL, GOET(NSUB), HH, L.

Journal issue (completed text): 22 Dec 1883 (in journal), *Verh. Bot. Ver. Prov. Brandenburg* 25(Abh.): 1-59. 1883.

23,588. *Neue Arten von Guinea, dem Kongo und dem Quango* ... Berlin (Druck von Mesch & Lichtenfeld ...) [1889]. Oct.

Publ.: I: 17 Sep 1889 (in journal; *Nat. Nov.* Jun (1) 1890), cover-t.p., p. [i, recto of 64],

[64]-96. *Copies:* B, G(2), L. – Reprinted and to be cited from *Verh. Bot. Ver. Prov. Brandenburg* 31: 64-96. 1889.

2: 30 Jun 1890 (in journal), cover-t.p., p. [35]-54. *Copy:* B. – Id. 32: 35-54. 1890.

23,589. *Reisen im Togolande* ... Sonder-Abdruck aus den Verhandlungen d. Gesellsch. f. Erdk. zu Berlin ... 1892. Oct.

Publ.: 1892 (text dated 7 Mai 1892), p. [1]-17, *pl. I* (map). *Copy:* B. – Reprinted and to be cited from *Verh. Ges. Erdk. Berlin* 1892(5): 246-262.

23,590. *Verzeichniss der von Dr. R. Büttner in den Jahren 1890 und 1891 im Togohinterlande, zumeist in der Nähe der Forschungsstation Bismarckburg gesammelten Pflanzen* ... Sonderabdruck aus den "Mittheilungen aus den deutschen Schutzgebieten" ... Berlin 1893. Oct.

Publ.: 1893, cover-t.p., p. [1]-6. *Copies:* B, G. – Reprinted and to be cited from *Mitth. deut. Schutzgebieten* 6(3): 231-236. 1893 (list of plants collected).

Buffham, Thomas Hughes (1840-1896), British algologist and astronomer born at Long Sutton, Lincolnshire, clerk in an office at Earith, Hunts, in ca. 1876 removed to London, entering the office of Messrs. Warren & Co. as clerk, later chief clerk, ultimately London agent of this firm. (*Buffham*).

HERBARIUM and TYPES: BM (1890 specimens and 690 microscope-preparations), and at National Museum Dublin (algae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 278; CSP 9: 395, 13: 904; Desmond p. 102 (b. Long Sutton 24 Dec 1840, d. Walthamstow, London 9 Feb 1896); *De Toni* 1: xviii, 2: xvii, 4: ix; *IH* 2: 105; Kew 1: 413-414.

BIOFILE: Anon., *Nat. Nov.* 18: 244. 1896 (d.); *ÖBZ* 46: 239. 1896 (d.); *Allg. bot. Z.* 2(5): 92.

1896 (d.); *Bot. Centralbl.* 66(16): 111. 1896 (d.); *Proc. Linn. Soc. London* 1896: 35. Oct 1896; *Bot. Not.* 1897: 47 (d.).

Batters, E.A., *J. Bot.* 34: 170-171. 1896 (brief curr. vit., list of 9 publications, a 10th publ. in Apr 1896, month of his death).

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.462. 1980.

De Toni, G.B., J. Quekett microsc. Club ser. 2. 4: 210-213. 1896.

Murray, G., Hist. Coll. Nat. Hist. Depts. Brit. Mus. 1: 138. 1904 (coll.).

23-591. On the *Antheridia*, etc., of some *Florideae* ... Reprinted from the Journal of the Quekett microscopical Club ... 1893. Oct.

Publ.: Oct 1893 (in journal, read 16 Jun 1893), p. [1]-15, *pl.* 13-14 (uncol. liths. auct.). *Copy*:

L. – Reprinted and to be cited from J. Quekett microsc. Club ser. 2. 5(33): 291-305. 1893.

23-592. On *Bonnemaisonia hamifera*, Hariot, in Cornwall ... Reprinted from the Journal of the Quekett microscopical Club ... 1896. Oct.

Publ.: Apr 1896 (date on p. [1]), cover (identif.), *pl.* 9 (uncol. lith.), p. [1]-6. *Copy*: L. –

Reprinted and to be cited from J. Quekett microsc. Club ser. 2. 6(38): 177-182. 1896.

23-593. Notes on some *Florideae* ... Reprinted from the Journal of the Quekett microscopical Club ... 1896. Oct.

Publ.: Apr 1896 (in journal, read 17 Jan 1896), cover-t.p., p. [1]-8, 1 *pl.* (uncol. lith. auct.).

Copy: L. – Reprinted and to be cited from J. Quekett microsc. Club ser. 2. 6(38): 183-190. 1896.

Bugnicourt, Francis (fl. 1939), French mycologist and phytopathologist, Ingénieur d'Agronomie coloniale, Ingénieur agricole, Docteur ès Sciences, mycologist at the Institut des Recherches agronomiques de l'Indochine in Saigon. (*Bugnic.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 414.

23-594. *Les Fusarium et Cylandrocarpon de l'Indochine*, ... Paris (Paul Lechevalier, ...) 1939. Oct. (*Fusar. Cylandroc. Indochine*).

Publ.: Aug 1939 (printed 29 Jul 1939), cover-t.p., p. [i]-ii, [1]-206, [i*-iii*], *pl.* 1-10 with text (1-4 col., 5-10 uncol.). *Copy*: L. – Thèse.

Bugnon, Pierre Frédéric (1886-1957), French botanist, born at Grand-Charmont (Doubs) 14 Jan 1886, 1901-1904 at the École normale de Besançon, id. at Nancy and at the Faculté des Sciences of Besançon 1907, id. professor in 1909, with O. Lignier at Caen from 1910-1928, Dr. phil. Paris 1921, later until 1929 as professor of botany at Dijon, died at Dijon 11 Mai 1957. (*Bugnon*).

HERBARIUM and TYPES: DIN (marine algae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 279; GR p. 309; IH 2: 105; Kew 1: 414-415; LS suppl. 4149-4150.

BIOFILE: Arber, A., Nature 179: 1276. 22 Jun 1957 (obit.).

Arnal, C., Pierre Bugnon (1886-1957), Dijon 1958, 11 p. (obit., portr., bibl.); Mémorial de Saint-Cloud 1958, 3-8 (obit., portr.).

Castellanos, A. and R.A. Perez-Moreau, Lilloa 6: 8. 1941, 7: 83, 223. 1941.

Moreau, F., Bull. Soc. Linn. Normandie ser. 9. 9: 96-103. 1958 (obit., publications [85 nos.]).

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- 23.604.** L'*origine phylogénique* des *plantes vasculaires* d'après Lignier et la nouvelle classe des Psilophytales ... (Extrait du Bulletin de la Société Linnéenne de Normandie) "1921" [i.e. 1922]). Qu.
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- 23.605.** L'*organisation libéroligieuse* des *cotylédons* et de l'*hypocotyle* expliquée par la théorie du raccord, chez la *Mercuriale* (*Mercurialis annua* L.) ... [(Extrait du Bulletin de la Société Linnéenne de Normandie ...) 1922]. Oct.
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- 23.606.** La *théorie* du raccord et le cas de l'*Echinops Ritro* L. ... [(Extrait du Bulletin de la Société Linnéenne de Normandie) 1930]. Oct.

Publ.: 3 Apr 1931 (date on identif. recto of p. 83), p. [i, identif.], 83-93. *Copy*: BKL. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 8. 3: 83-93. [“1930”]. 1931.

23.607. Sur la valeur morphologique du *cotylédon* chez les *Ombellifères monocotylédones* ... [Extrait des Comptes rendus des séances de l'Académie des Sciences ... 1932]. Qu.

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23.608. Sur l'origine de la *monocotylie* chez la *Ficaire* ... [Extrait des Comptes rendus des séances de l'Académie des Sciences ... 1933]. Qu.

Publ.: Jun-Jul 1933 (read 19 Jun 1933), cover-t.p., p. [1]-2. *Copy*: BKL. – Reprinted and to be cited from C.R. hebdomadaire. Séances Acad. Sci. Paris 196: 1928-1929. 1933.

23.609. *Titres, services et travaux scientifiques de M. Pierre Bugnon* ... Dijon (Imprimerie Veuve Paul Berthier ...) 1934. Qu. (*Titres Bugnon*).

Publ.: 1934, cover-t.p., p. [1*]-46*, [47*] (also 5* as [1], 47* as 43). *Copy*: BKL.

Buhr, Herbert (1902-1968), German phytopathologist (botanical and zoological), born at Teterow, Mecklenburg, studied at the Technische Hochschule in Darmstadt (chemistry, pharmacy) 1923-1925, at the University of Rostock 1925-1928, state examination mastership biology, chemistry and mathematics, ib., Dr. phil. 1932, habilitation at the Philosophical Faculty University Rostock, reader id. 1936-1945, at the Institut für Pflanzenzüchtung der Deut. Akad. Landw.-Wiss. at Gross Lüsewitz 1949-1954, in charge of the Forschungsstelle Deut. Akad. Landw.-Wiss. Mühlhausen (Thüringen) 1954-1961. (*Buhr*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 279; GR p. 68 (b. 22 Dec 1902, d. 20 Mai 1968); Kew 1: 415.

BIOFILE: Haase, J., Entomol. Ber. Berlin 1968: 93-95.

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(2) *Rostpilze aus Mecklenburg* und anderen Gebieten (in A.L. Guyot et al., *Uredineana* 5) 1958, 125 p.

23.610. *Untersuchungen über zweisporige Hymenomyceten* ... [Archiv Protistenkunde ... 1932]. Oct.

Publ.: 1932, p. [125]-151, pl. 4 (uncol.). *Copy*: B. – Reprinted and to be cited from Arch. Protistenk. 77(1): 125-151, pl. 4. 1932.

***Buhse, Friedrich [Alexander]** (Buze, Fedor Aleksandrovich) (1821-1898), Latvian botanist, explorer and meteorologist, born at Riga, studied botany in Dorpat 1840-1842, studied in Berlin and Heidelberg 1842, Dr. phil. Heidelberg 1843, travelled in Dalmatia 1843, some time in St. Petersburg, in Armenia, Azerbaydzhan and Persia with Boissier 1847-1849, in Bersemünde, Livonia, 1857-1862, at Friedrichshof near Riga 1865-1888, later in Riga. (*Buhse*).

HERBARIUM and TYPES: LE, further material in BR, BUC, CN, G, H, K, LY, W. – Still some material at RIG?.

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BIOFILE: Boissier, E., *Fl. Orient.* 1: xxvii. 1867.

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23.612. *Aufzählung der auf einer Reise durch Transkaukasien und Persien gesammelten Pflanzen* in Gemeinschaft mit Dr. E. Boissier in Genf bearbeitet von Dr. F. Buhse in Riga. Nebst einleitendem Reiseberichte, mehreren Beilagen, einer Karte und Pflanzenabbildungen. Moskau (Gedruckt bei W. Gautier) 1860. Qu. (*Aufzaehl. Transkauk. Pflanz.*).

Co-collector and *Co-author*: [Pierre] Edmond Boissier (1810-1885), see TL-2/1: 255-259 and suppl. 2: 279-282.

Publ.: 1860 (preface signed 9 Mai 1859), p. [i*], [i]-lxvii, [1]-246, [i]-viii (Beilagen 1-2), [i]-lv, [i*]-ii* corrections] (Beilage 3), [i]-ii, *pl. 1-10* (uncol. liths.), table expl. *Copies*: G, KNAW, MO, NY. – Preprinted or reprinted from *Nouv. Mém. Soc. Imp. Natural. Moscou* 18 [also as no. 12]: [i*]-v**, [i*], [i]-lxvii, [1]-246, [i]-viii, [i]-lv, [i*]-ii*, [i]-ii, *pl. 1-10*. 1860. – PR 1348.

Note: Vorläufiger botanischer Bericht über meine Reise durch einen Theil Armeniens in den Monaten April und Mai 1847, *Flora* 31: 721-728. 1848, *Bull. Acad. Sci. St. Pétersb.* 7: col. 101-108. 1849.

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Publ.: 1899, cover (identif.), p. [i]-xiv, [1]-61, *pl. 1-10* (uncol. liths.), 1 map. *Copy*: KNAW (in journal issue). – Preprinted or reprinted from *Arbeiten Naturf.-Ver. Riga ser. 2. 8*: [i]-xiv, [1]-61, *pl. 1-10*, 1 map. 1899.

Ref.: Anon., *Hedwigia* 39(1) (Beibl.): (36). Jan-Feb 1900.

Buining, Albert Frederik Hendrik (1901-1976), Dutch botanist, student of succulents, president of the Dutch "Succulenta" 1940-1968, travelled in South America collecting succulents. (*Buining*).

HERBARIUM and TYPES: Collected living succulents, types in U.

BIBLIOGRAPHY and BIOGRAPHY: *Hortus* 3: 1189 ("Buin."); Zander ed. 10, p. 640, ed. 11, p. 729.

BIOFILE: Anon., *Cact. Succ. J., U.S.A.* 44(3): 99, 110. 1972 (portr.); *Kakt. Orchid. Rundschau* 5: 79. 1976; *Succulenta* 55(6): 102. 1976.

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Buxbaum, F., *Kakteen* 46-47: civ. 1971 (genus *Buiningia*, see ING suppl. 1: 20. 1986).

Donald, J., *Nation. Cact. Succ. J. U.K.* 31(3): 68. 1976; *Ashingtonia* 2(7): 150. 1976.

Graaf, A. de, *Succulenta* 55(11): 217-220. 1976 (portr.), 57(12): 266-268. 1978 (*Buining-Fonds*, portr.).

Hunt Institution, *Biogr. dict. portr. coll.* 58. 1972.

Königs, G., *Kakt. Sukk.* 27: 151. 1976 (obit.); *Succulenta* 58(9): 229-232. 1979.

EPONYMY: *Buiningia* F. Buxbaum in H. Krainz, *Kakteen* 46-47: civ. 1 Jun 1971.

23.614. *Studies over Rebutia, Lobivia en Echinopsis I.* ... Overgedrukt uit "Succulenta" ... 1939. Oct.

Publ.: Sep 1939 (date on cover-t.p.), cover-t.p., p. [1]-7. *Copy*: L. – Reprinted and to be cited from *Succulenta* 21(9): 101-107. 1939.

Follow-up: id. II in id. 22(4): 40-43. 1940 and id. III in id. 22(5): 50-55. 1940.

Buisman, Christine Johanna (1900-1936), Dutch phytopathologist, studied at the University of Amsterdam, assistant with the Centraalbureau voor Schimmelcultures, Baarn 1925-1926, Dr. phil. Utrecht 1927, scientist at the Phytopathological Laboratory Willie Commelin Scholten with Johanna Westerdijk, Baarn 1927-1936, studied elm fungi at Radcliffe College, U.S. 1929. (*Buisman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 279 (b. 22 Mar 1900, d. 27 Mar 1936); *JW* 1: 440, 2: 187; *Kew* 1: 416; *LS suppl.* 4151-4153; *Stevenson* p. 1237.

BIOFILE: Anon., *Hedwigia* 76(2) (Beibl.): (141). 1936; *ÖBZ* 85(4): 320. 1936 (d. 27 Mar 1936).

Westerdijk, J., *Vakblad voor Biologen* 17(8): 141-143. Apr 1936 (obit., b. 22 Mar 1900, d. 27 Mar 1936).

23.615. *Root rots caused by Phycomycetes.* Proefschrift ter verkrijging van den graad van Doctor in de Wis- en Natuurkunde aan de Rijks-Universiteit te Utrecht, ... tegen de bedenkingen van de Faculteit der Wis- en Natuurkunde te verdedigen, op Dinsdag 22 Maart 1927, ... Haarlem (Firma P. Visser Azn.) 1927. Oct. (*Root rots Phycomyc.*).

Publ.: 22 Mar 1927 (date of defense thesis), p. [i]-viii, [1]-51, [53, 55 theses]. *Copies*: L, U.

23.616. *Three species of Botryodiplodia* (Sacc.) on elm trees in the United States ... Reprinted ... from Journal of the Arnold Arboretum [1931]. Oct.

Publ.: 3 Nov 1931 (in journal), p. [i], [289]-296, *pl.* 38-39. *Copy*: U. – Reprinted and to be cited from J. Arnold Arb. 12(4): 289-299. 1931.

23.617. *Ceratoskomella Ulmi* de geslachtelijke vorm van *Graphium Ulmi* Schwarz ... Wagenin- gen (H. Veenman & Zonen) 1932. Oct.

Publ.: 1932, cover-t.p., p. [1]-[8], incl. *pl.* 1-3. *Copy*: U. – Reprinted and to be cited from Tijdschr. Plantenziekten 38: 1-8. 1932.

Bujack, Johann Gottlieb (1787-1840), German (East-Prussian) botanist and zoologist, educated in the Königl. Waisenhaus (orphanage) at Königsberg 1799-1804, studied theology at the University of Königsberg 1804-1808, theological examination 1808, pastor and teacher at the orphanage 1808-1809, studied chemistry, botany, mineralogy and zoology at the same university, assistant teacher 1810, regular teacher 1811 at the Königl. Friedrichskollegium, professor ib. 1839-1840. (*Bujack*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 279; BM 1: 284; Kew 1: 416; PR 1349, ed. 1: 1540; Rehder 2: 506.

BIOFILE: Bujack, J.G., Brieflicher Verkehr in Beziehung auf Ostpreussen, Preuss. Provinzial- Blätter 12: 28-32. 1837.

Caspary, R., in Festschr. 50-j. Bestehen Preuss. bot. Ver. 198-199. 1912.

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(2) J.G. Bujack, *Die geographische Verbreitung des Weinstocks* mit Rücksicht auf den Weinbau in Preussen während der Herrschaft des deutschen Ordens, Vortr. Geb. Naturw. Oekon. 1: 33-58. 1834 (fide Rehder).

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***Buller, Arthur Henry Reginald** (1874-1944), British-born mycologist, educated at Queen's college, Taunton, Mason College Birmingham, B.Sc. London 1896, worked with W.F.P. Pfeffer at Leipzig 1897-1899, Ph.D. Leipzig 1899, with H.J.A.R. Hartig at München 1899-1901, summers of 1900 and 1901 at the Marine Biological Station at Naples, lecturer and demonstrator at Birmingham University 1901-1904, D.Sc. Birmingham, professor of botany at the University of Manitoba, Canada 1904-1936. (*Buller*).

HERBARIUM and TYPES: WIN. – Manuscripts at K, library at Rust Research Laboratory, Winnipeg.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth, see index; Barnhart 1: 280 (b. 19 Aug 1874, Birmingham, Engl., d. 3 Jul 1944, Winnipeg, Manitoba); BM 6: 160; Desmond p. 103 (further refs.); DNB 1941-1950: 116-117; DSB 2: 582-583 (C.C. Gillespie); IH 2: 106; Kew 1: 417-418; LS 4450-4454, 31.752-31.758; LS suppl. 2794-2795, 4156-4179; Stevenson p. 1237; TL-2/1: 401-402 and see indexes.

- BIOFILE: Anon., *J. New York Bot. Gard.* 45(536): 186. 1944 (obit. note); *Nature* 154: 305-307. 1944; *The Times* 6 Jul 1944; *Who was who 1941-1950*: 159-160; *Mycologia* 50: 794-796. 1958; *The Manuscript Papers of Brit. Scientists 1600-1940*. 15. 1982.
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(3) *Honorary degrees*: LLD Univ. Manitoba 1924, LLD Univ. Saskatchewan 1928, LLD Univ. Calcutta 1938.

- 23.619.** *Researches on fungi*. An account of the production, liberation, and dispersion of the spores of Hymenomycetes treated botanically and physically. Also some observations upon the discharge and dispersion of the spores of Ascomycetes and of Pilobolus ... London (C. Longmans, Green and Co. ...). New York, Bombay, and Calcutta 1909-1950. Oct. 7 vols. (*Research. fungi*).
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- Copies*: L.
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Publ.: 1914, cover (identif.), p. 21-66. *Copy*: U. – Reprinted and to be cited from *Trans. Brit. mycol. Soc.* 5: 21-66. 1914.

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Bullock, Arthur Allman (1906-1980), British botanist, born 8 Feb 1906 Grimsby, Lincolnshire, died 24 Oct 1980 Kew, Richmond, Surrey, at Secondary School at Wintringham, Jun 1928 Honours B.Sc. Botany, University College, Nottingham, on 7 Oct 1929 at Kew Herbarium, in the Territorial Army, R.A.F. Sep 1939-11 Sep 1940, again at Kew Herbarium until 1 Mai 1968. (*Bullock*).

HERBARIUM and TYPES: K (260), further material in BM, EA, SRGM.

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***Bulnheim, Carl Otto** (1820-1865), German teacher and botanist, born in Bautzen, Sachsen, educated at the gymnasium of Bautzen 1830-1839, studied theology at the University of Leipzig 1839-1843, teacher at a charity school Leipzig, later id. at the first "Bürgerschule" ib. and in other Leipzig schools, director of the above "Bürgerschule" 1863-1865, as botanist dedicated to the Saxonian flora as well as to phycology. (*Bulnh.*).

HERBARIUM and TYPES: See TL-2/1: 407.

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***Bunge, Alexander [Georg] Andrejewitsch von** (1803-1890), Russian (Ukrainian, Kiev) botanist, explorer and physician, moved with his family to Dorpat 1815, studied at the Dorpat Gymnasium 1818-1821, studied medicine at the University of Dorpat [also Tartu, Jurjew] 1821-1825, Dr. med. ib. 1825, with Ledebour in Siberia 1826, physician at ironworks Kolyvan Voskresenskischen, hospital physician at Barnaul and Zmeinogorsk (Gouv. Tomsk), on expedition to China 1830-1831, to the Altai 1832, professor of botany at Kazan 1833-1836, id. at Dorpat 1836-1867, expedition to Khorasan and Afghanistan 1857-1859, emeritus in Dorpat 1867. (*Bunge*).

HERBARIUM and TYPES: See TL-2/1: 407. – Main sets at LE and P, further material in B, BERN, BUF, C, CGE, F, FI, G, GE, GOET, H(Steven), HH, K, KBG, KIEL, KW, L, LY, LZ, M, MO, NY, OXF, PC, PH, TU (Est-, Liv- and Kurland), US, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 145; Barnhart 1: 281; BJI 1: 8; BM 1: 285-286, 6: 160; Bossert p. 58; Bret. 1: 323-342, 1091, 1095; Clokie p. 141; CSP 1: 716-717, 7: 302-303, 9: 398, 12: 132, 13: 914; DTS 1: 39; Frank 3(Anh.): 16; Hortus 3: 1189; IH 2: 106; Jackson p. 528 (index); Kew 1: 420-421; Langman p. 169; Lasègue p. 563 (index); Lenley p. 350, 435; Lipschitz 1: 301-304(!); Morren ed. 2, p. 29, ed. 10, p. 95, 97, 100; MW p. 57-58; MW suppl. p. 29; NAF ser. 2. 7: 38; PR 1360-1370, ed. 1: 1551-1556; Quenstedt p. 479; Rehder 5(index): 136; SBC p. 117; TL-1: 67-68; TL-2/1: 407-409 and see indexes; TR 7: 45-52; Tucker 1: 124-125; Urban-Berl. p. 334; Zander ed. 10, p. 642, ed. 11, p. 729-730.

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(3) Co-author with J.G.C. Lehmann, *Pl. Preiss.* 1844-1848, see TL-2/4332.

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(5) *Delectus seminum*, quae in *horto botanico Dorpatensi* ... annorum 1837 (8 p.), 1838 (8 p.), 1840 (8 p.), 1841 (8 p.), 1842 (8 p.), 1843 (8 p.), see Trautvetter no. 200. – IDC 5542/2.

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23.625. *Alexandri Lehmanni Reliquiae botanicae* sive Enumeratio plantarum in itinere per deserta Asiae mediae ab A. Lehmann annis 1839-1842 collectarum scripsit Al. Bunge ... Dorpati 1847. Oct.

Collector: Alexander Lehmann (1814-1842), see IH 2: 426.

Publ.: 1847, p. [115, t.p.]-243, in *Arbeit. naturf. Ver. Riga* 1: 115-243, with 3 pl. fol.

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Collector: Otto Wilhelm Hermann von Abich (1806-1886), geologist and traveller, see also Barnhart 1: 7.

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23.628. *Über die Gattung Echinops. Sendschreiben an den Hrn. Director des Kaiserlichen botanischen Gartens zu St. Petersburg, Dr. E. Regel ... Mélanges biologiques tirés du Bull. de l'Académie impériale des Sciences de St.-Pétersbourg ... 1863. Oct.*

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Publ.: Aug 1865 (month of printing; read 26 Jan 1865), p. [i-ii], [1]-56. *Copies:* G, L, U. – Issued as Mém. Acad. Imp. Sci. Saint Pétersbourg sér. 7. 9(2). 1865.

Ref.: Gray, A., Amer. J. Sci. Arts ser. 2. 41(123): 416. Mai 1866 (rev.).

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Publ.: 1: Mar 1868 (date of printing), p. [i-ii], [1]-140. *Copy:* U. – Issued as Mém. Acad. Imp. Sci. Saint Pétersbourg sér. 7. 11(16). 1868.

2: Oct 1869 (date of printing; Bot. Zeit. 3 Jun 1870, Flora 20 Mai 1870), p. [i-ii], [1]-254. *Copy:* U. – Id. sér. 7. 15(1). 1869.

Supplementum: 1880, see below.

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Publ.: 1871, p. [1]-12. *Copies:* G, MO. – See ING 2: 792. 1979.

23.632. *Die Arten der Gattung Dionysia Fenzl, ... Mélanges biologiques ... [1871]. Qu.*

Publ.: 17/29 Aug 1871 (in Mélanges [present date 29 Aug 1871]), p. [193]-214. *Copy:* G. – Reprinted and to be cited from Mélanges biol. Bull. Acad. Imp. Sci. Saint Pétersbourg 8(1-2): 193-214. 1871. – Also published in Bull. Acad. Imp. Sci. Saint Pétersbourg 16: 548-563. 1871.

Ref.: Anon., Bull. Soc. bot. France 19(Bibl.): 47-48. Nov 1872 (rev.).

23.633. *Die Gattung Acantholimon Boiss. ... St. Pétersbourg (Commissionaires de l'Académie Impériale des sciences à St. Petersburg ... à Leipzig (M. Léopold Voss)) 1872. Qu. (Acantholimon).*

Publ.: Jan-Feb 1872 (read 18 Mai 1871, imprimatur on p. [ii]: Jan 1872; Bot. Zeit. 23 Aug 1872, J. Bot. Oct 1872), p. [i-ii], [1]-72, *charts 1-2*. *Copies*: B, G, U. – Issued as Mém. Acad. Imp. Sci. Saint Pétersbourg sér. 7. 18(2). 1872.

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23.634. *Labiatae persicae ...* St. Pétersbourg (Commissionaires de l'Académie Impériale des Sciences ...) 1873. Qu. (*Labiatae pers.*).

Publ.: Nov-Dec 1873 (imprimatur on p. [ii]: Nov 1873; Bot. Zeit. 19 Jun 1874), p. [i-ii], [1]-84. *Copies*: B, U(2). – Issued as Mém. Acad. Imp. Sci. Saint Pétersbourg sér. 7. 21(1). 1873.

23.635. *Species generis Oxytropis, DC. ...* St. Pétersbourg (Commissionaires de l'Académie Impériale des Sciences ...) 1874. Qu. (*Oxytropis*).

Publ.: Sep-Oct 1874 (read 29 Nov 1873, printed Sep 1874), p. [i-ii], [1]-166. *Copy*: U. – Issued as Mém. Acad. Sci. Saint Pétersbourg sér. 7. 22(1). 1874.

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Ref.: Anon., Bot. Jahrb. 1: 286-287. 12 Oct 1880 (rev.).

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Publ.: 1880, p. [i, t.p.], [1]-59. *Copy*: L. – Reprinted and to be cited from Acta Horti Petrop. 6: 392-394, 403-459. 1880.

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Publ.: 1880, p. [1]-20. *Copies*: G, NY. – Preprinted or reprinted from Acta Horti Petrop. 7: 361, 363-380. 1880.

***Burbidge, Frederick William Thomas** (1847-1905), English botanist, born at Wymeswold, Leicestershire, gardener in the gardens of the Royal Horticultural Society at Chiswick, gardener at Kew 1868-1870, on the staff of "The Garden" 1873-1877, collected living plants for Messrs. James Veitch & Sons in North Borneo, Sulu Archipelago, Philipp. Isl. 1877-1879, curator of the Botanic Garden of Trinity College, Dublin 1879-1905, master of arts honoris causa of Dublin University 1889. (*Burb.*).

HERBARIUM and TYPES: BM and K, further material at B, BO, E, FI, HH, LE, NY, OXF, PH, SING, W (orch.).

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NOTE: (1) *Horticulture* by F.W. Burbidge, London (E. Stanford) 1877, 288 p.

23.639. The art of *botanical drawing* ... London (Winsor and Newton, ...) 1873. Oct. (*Bot. draw.*).

Publ.: 1873 (preface dated p. 13: 1873), p. [1], frontisp., [3]-63, *figs. 1-18* (uncol. liths. by author, partly on unnumbered pages, partly in text). *Copy*: U.

Ref.: H.B., J. Bot. 11: 283-284. Sep 1873 (rev.).

23.640. *Cool Orchids* and how to grow them; with a descriptive list of all the best species in cultivation ... London (Robert Hardwicke ...) 1874. Oct. (*Cool Orch.*).

Publ.: 1874 (p. iii signed 1 Jan 1874), frontisp., p. [i-vi], [1]-160, 4 *unnumb. col. pl.* *Copy*: L. *German translation*: Die Orchideen des temperirten und kalten Hauses. Ihre Cultur und Beschreibung etc. nebst einer Synopsis aller bisher bekannten Cypripedien ... Aus dem Englischen übersetzt [of *Cool Orchids*, above] von M. Lebl. Zweite Auflage [?]. – Preface dated Feb 1882, col. frontisp. *pl. 1*, p. [i-viii], [1]-186, *pl. 2-4* (col. liths.). *Copies*: HH, L.

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Publ.: 1877, p. [i]-xii, [1]-618, [1]-2 *adv.* *Copies*: MO, NY.

23.642. *The gardens of the sun: or a naturalist's journal on the mountains and in the forests and swamps of Borneo and the Sulu Archipelago* ... London (John Murray, ...) 1880. Oct. (*Gard. sun*).

Publ.: 1880, p. [i], frontisp., [iii]-xviii, [xix], [1]-364 (several plates on unnumbered pages, others in text). *Copies*: MO, U. – Appendix on p. 345-350: J.G. Baker, *List of ferns in Borneo*, 350-351: J.G. Baker, Report on Burbidge's ferns of the Sulu Archipelago.

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Publ.: *Ed. 1*: 1884 (Nat. Nov. Nov (1) 1884, Bot. Zeit. 26 Dec 1884), p. [i-iv], [1]-102. *Copies*: G, MO.

Ed. 2: 1885, p. [1]-140. *Copies*: MO, NY.

Burchard, Gertrud Anna (1906-x), German botanist and teacher, born in Kiel, moving to Hamburg 1907, privately educated, 1913 at the Lyceum of F. Henckel, Hamburg, 1913-1922, at an "Oberrealschule" 1922-1923 ib., privately working at her "Abitur" 1923-1925, examination at the Oberrealschule at Eppendorf, 1925-1926 teacher of the German language at Bedales School, Petersfield, England, at the University of Hamburg 1926-1929, Dr. phil. ib. 1929. (*G. Burchard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS suppl. 4200.

23.644. *Beiträge zur Kenntnis parasitischer Pilze*. Dissertation zur Erlangung der Doktorwürde der Mathematisch-Naturwissenschaftlichen Fakultät der Hamburgischen Universität ... Hamburg 1929. Oct. (*Beitr. parasit. Pilze*).

Publ.: early 1929 (accepted by faculty 24 Nov 1928), cover-t.p., verso of cover-t.p. with date, p. [277]-315. *Copy*: B. – Preprinted and to be cited from *Phytopath. Z.* 1(3): 277-315. 1930.

Burchard, Oscar (c. 1864-1949), German botanist at Hamburg, scientist with the botanical laboratory of the "Samen-Prüfungsanstalt" in Hamburg, collected in Northern Norway ca. 1888-1889, later widely in the Canary Islands. (*Burchard*).

HERBARIUM and TYPES: Main herbarium unknown. Canary Islands material in many herbaria; B, BHU, CGE, DBN, F, H-Brotero, K, M, MANCH, S, SI, W. – *Plantae exsiccatae Canarienses* century 1 came out ca. 1904 or 1905, set 2. 1905-1908, set 3. 1909 (inferred, sic).

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(2) O. Burchard, *Bryologische Reiseskizzen aus Nordland*, *Bot. Centralbl.* 37: 97-106. 1889, rev. by *Bot. Not.* 1889: 142-143. – Notes on a trip to the Northern part of Norway.

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23.645. *Beiträge zur Ökologie und Biologie der Kanarenpflanzen ...* Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung ...) 1929. Qu. (*Beitr. Ökol. Biol. Kanarenpfl.*).

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Ref.: Rendle, A.B., *J. Bot.* 68: 155-157. Mai 1930 (rev.).

23.646. *Beiträge und Berichtigungen zur Laubmoosflora der Umgegend von Hamburg ...* Hamburg (Gedruckt bei Lütcke & Wulff, E.H. Senats Buchdruckern) 1891. Oct.

Publ.: Jan 1891 (preface Aug 1890, *Bot. Zeit.* 27 Nov 1891, *Nat. Nov.* Nov (1) 1891), cover-t.p., p. [1]-25. *Copies*: B(2), G, L. – Reprinted and to be cited from *Jahrb. Hamb. wissensch. Anst.* 8: 97-121. 1890. – The copy at L has a cover-t.p.: "Hamburg 1891. Commissions-Verlag von Lucas Gräfe", the copies at B and G have no cover-t.p.

Note: The Bot. Centralbl. 44(41): 61. 8 Oct 1890, sic, mentions this reprint as of 1891, sic, possibly available in Dec 1890 or Jan 1891.

Ref: Holler (Memmingen), Bot. Centralbl. 45(3): 86-87. 21 Jan 1891 (rev.).

23.647. Über eine neue cactoide *Euphorbia der Kanarischen Inseln* ... Leipzig (Wilhelm Engelmann) 1912. Oct.

Publ: 27 Aug 1912 (in journal), cover-t.p., p. [14]-16, *pl. 1* (uncol. phot.). *Copy:* L. – Reprinted and to be cited from Bot. Jahrb. 48(3/4), Beibl. 107: 14-16, *1 pl.* 1912.

***Burchell, William John** (1781-1863), British gardener, collector, explorer, Kew gardener, elected F.L.S. 1803, with the East India Company, schoolmaster and botanist at St. Helena 1805-1810, undertook private collecting expeditions in South Africa 1811-1815, explored and collected in Brazil, 1825-1826, around Rio de Janeiro, in the interior of Brazil and Argentina 1825-1829, returned to England, heir to R.A. Salisbury. (*Burch.*).

HERBARIUM and TYPES: K, further material in AWH, B(1074), BM (algae), BR, CN, COLU, DBN, E, FI, G, GOET, GRA, H-SOL, HH, L, LE, M, MO, NY, OXF, P, PRE, S, SAM, US, W (orch.).

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Burck, William (1848-1910), Dutch botanist, born in Monnikendam near Amsterdam, studied at Leiden University, Ph.D., 1874, teacher at secondary schools at Leiden, Apeldoorn and at the School of Agriculture at Buitenzorg (Bogor), assistant director at the Botanic Gardens Buitenzorg in charge of the Herbarium 1881, scientific adviser for the government coffee culture 1893, retired 1902. (*Burck*).

HERBARIUM and TYPES: BO, further material at G, K, L, LE.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 90 ("burckii"); Barnhart 1: 282 (b. 4 Feb 1848, d. 24 Feb 1910); BJI 1: 8, 2: 22; BM 1: 287; CSP 9: 399, 12: 134, 13: 919-920; Hortus 3: 1189; IH 2: 106; Jackson p. 93, 151; JW 1: 440, 2: 187, 3: 347; Kew 1: 423; LS 4464-4465, 31.762; Moebius p. 345, 360; Morren ed. 10, p. 146; Rehder 5(index): 136-137; SK 1: 90 (main source, basis of our caption), 4: clviii (index); Tucker 1: 125.

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23.650. *Repertorium annum Literaturae Botanicae periodicae* ... Harlemi [Haarlem] (Erven Loosjes) 1873-1886. 8 vols. (*Repert. ann. Lit. Bot. per.*).

Authors: J.A. van Bemmelen (librarian Soc. Teyleriana) (vol. 1), G.W. Bohnensieg (id. vols. 2-8), W. Burck (vols. 2-5).

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Dutch text: 1901, in Versl. Med. K. Akad. Wetensch. afd. Natuurk. ser. 2. 9: 256-267. 1901, *Voorbehoedmiddelen op den stempel tegen het kiemen van vreemd stuifmeel*.
- 23.665.** *On the irritable stigmas of Torenia Fournieri and Mimulus luteus* and on means to prevent the germination of foreign pollen on the stigma ... Koninklijke Akademie van Wetenschappen te Amsterdam ... 1901. Oct.
Publ.: 23 Oct 1901 (date on t.p.; mss. read 28 Sep 1901), cover-t.p., p. [1]-10. *Copy*: L. – Reprinted and to be cited from Proceedings of the Meeting [of the Kon. Akad. Wetensch. Amsterdam] of Saturday September 28, 1901, in Proceedings p. 184-193.
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English version: 25 Mai 1906 (date on cover-t.p.; submitted 27 Apr 1906), cover-t.p., p. [1]-14. *Copy*: L. – Reprinted from Proceedings of the Meeting of Saturday April 27, 1906, p. 798-811. 1906.
Note: See also *Mutation als Ursache der Kleistogamie* ... 1905, above.
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***Burgeff, Hans [Edmund Nicola]** (1883-1976), German botanist and pharmacognosist, born at Geisenheim/Rheingau, educated at Wiesbaden, at the University of Freiburg 1903-1906, id. Jena 1906-1909, Dr. phil. Jena with E. Stahl 1909, with W.F.P. Pfeffer 1909-1910, assistant with Goebel in München 1910-1919, habil. München, free from active duty, called to Halle as professor and custos 1919, München 1921, Göttingen 1923, succeeded von Kniep at Würzburg 1925-1958 as ordinary professor of botany and pharmacognosy, from 1938 also director of the Botanical Garden of the university, travelled 1927-1928 in the East (Singapore, W. Java, Philippines, Sumatra East coast), id. in Brazil 1952. (*Burgeff*).

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Burgerstein, Alfred (1850-1929), Austrian botanist and teacher, born and died in Vienna, Dr. phil. University of Vienna, lecturer at this university in anatomy and physiology 1894, professor of natural history at the Leopoldst. Realgymnasium 1875, extraordinary professor at the University 1903, next to his gymnasium teaching, extraordinary professor of physiology and anatomy of plants at the University of Vienna 1908, "Regierungsrat" 1909. (*Burgerstein*).

HERBARIUM and TYPES: Unknown, if any at W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 283 (b. 18 Jul 1850, Wien, d. 11 Nov 1929, Wien); BJI 2: 22; CSP 9: 401, 12: 134, 13: 924; DTS 6(4): 127; Futak-Domin p. 130; GR p. 447; Jackson p. 81, 90; Kew 1: 425-426; LS 4466-4467; LS suppl. 4242; Moebius p. 252, 257; Morren ed. 10, p. 30; Rehder 5(index): 138; TL-2/8726; Tucker 1: 126 (12 titles).

BIOFILE: Anon., ÖBZ 25: 417. 1 Dec 1875 (appt. Leopoldst. Realgymn. Wien), 79(1): 96. 1930 (d. 11 Nov 1929); Deut. Bot. Monatsschr. 15(7): 211. 1897 ("Generalsekretär der k.k. Gartenbaugesellschaft in Wien"); Hedwigia 70(1) (Beibl.): (73)-(74). 1930 (d. 11 Nov 1929, Wien).

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(2) *Verzeichniss jener botanischen Abhandlungen welche in den Programmen (Jahresberichten) der österreichischen Mittelschulen in den Jahren 1850-1855 veröffentlicht wurden, in ÖBZ 36(3): 94-97. Mar 1886, and 36(5): 165-167. Mai 1886. – Important list of botanical independent publications in school programs.*

(3) *Die k.k. Gartenbau-Gesellschaft in Wien 1837-1907*, Wien 1907, vii, 128 p., 1 col. "plan", 6 ill.

(4) *Anatomische Untersuchungen Samoanischer Hölzer*, in K. Reching, Denkschr. Akad. Wiss. Wien 84: 456-514. 1908, reprint 2: 72-130.

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Publ.: 1878 (read 20 Mar 1878), cover-t.p., p. [1]-51. Copy: L.

23.709. Achtzehnter Jahresbericht des Leopoldstädter Communal- Real- und Obergymnasiums in Wien. Am Schlusse des Schuljahres 1882 veröffentlicht von Dr. Alois Pokorny k.k. Regierungsrath, Director ... Dr. Alfred Burgerstein: *Über das Empfindungsvermögen der Wurzelspitze ...* Wien (Verlag der Direction des Leopoldstädter Real- und Obergymnasiums) 1882. Oct.

Publ.: 1882, cover-t.p., p. [article Pokorny:] [1]-15, [article Burgerstein:] 16-38, [Schulnachrichten:] [39]-75]. Copy: BKL.

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Burges, Norman Alan (1911-x), English bryologist and mycologist, at the Botany Department of the University of Liverpool. (*Burges*).

HERBARIUM and TYPES: K, LIV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 283; Kew 1: 426; Roon p. 23; SBC p. 117.

BIOFILE: Frodin, D.G., Guide standard floras world 581. 1984.

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Publ.: 16 Sep 1935 (date on cover-t.p., read 28 Aug 1935), cover-t.p., p. [257]-264, *pl. 10* (uncol. phot.). *Copy:* U. – Reprinted and to be cited from Proc. Linn. Soc. N.S.W. 60(3-4): 257-264, *pl. 10*. 1935.
- Burgess, Edward Sandford** (1855-1928), American botanist, born in Little Valley, N.Y., spent boyhood in Panama, Chautauqua County (N.Y.) at the state normal school of Fredonia, subsequently at Hamilton College, N.Y., grad. 1879, Dr. of philosophy Columbia University 1899, Dr. Sci. from Hamilton, professor of natural science at Hunter College 1882-1915, also teaching in Washington D.C. and at the Martha's Vineyard Summer Institute. (*E.S. Burgess*).
- HERBARIUM and TYPES: NY (herb. of *Aster*), further material at GB, K, US.
- BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 283 (b. 19 Jan 1855, d. 23 Feb 1928); BJI 1: 200; BL 1: 200; Hortus 3: 1189; IH 2: 107; NAF ser. 2. 6: 59.
- BIOFILE: Anon., Amer. Men Sci. ed. 2: 67. 1910; Torrey 28(2): 36-37, 40. 1928 (obit.). Britton, N.L., Torrey 28(5): 100-101. 1928 (on the bequest of the B. coll. of *Aster*; to NY). Burgess, J., Edward Sandford Burgess, New York, Plandome Press 1932, 121 p., portr. Fisher, W.K., Science ser. 2. 67(1742): 501-502. 18 Mai 1928 (obit.). House, H.D., N.Y. Sate Mus. Bull. 328: 30. 1942. Howe, M.A., Bull. Torrey bot. Club 55(8): 433-440. 1928 (biogr., bibl., portr.). Murrill, W.A., Hist. found. bot. Florida 17-18. 1945. Stieber, M.T. et al., Huntia 4(1): 70. 1981 (lecture notebook and letter in HU). Voss, E., Bot. Beachcombers and explorers 66. 1978 (Contr. Univ. Mich. Herb. vol. 13). Wetter, M.A. and J.W. Grimes, Brittonia 34(3): 273-281. 1982 (specimens in NY herb.).
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- 23.725.** *History of pre-Clusian botany in its relation to Aster ...* New York (Published by the [Torrey botanical] Club) 1902. Oct. (*Hist. pre-Clus. bot.*).
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23.726. *Species and variations of biotian Asters* with discussion of variability in Aster ... New York (The Torrey Botanical Club) 1906. Oct. (*Sp. var. biot. Asters*).

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Burgess, James John (1863-1934), Scottish botanist and headmaster, Dyke School, Morayshire. (*J.J. Burgess*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 307; Desmond p. 107 (b. 19 Feb 1863, Banff, d. Rosyth, Dunfermline, Fife 28 Feb 1934); Kew 1: 426.

23.727. *Flora of Moray* (Vice County no. 95). Flowering & flowerless plants including Conifers, Ferns, Mosses, Fungi and Algae ... Elgin (printed at the "Courant and Courier" Office) 1935. Oct. (*Fl. Moray*).

Note: "Edited by James J. Burgess".

Publ.: Jan-Jun 1935 (rev. below Jul 1935), frontisp., p. [i]-xv, [1]-104. *Copy*: NY. – For further details see BL 2: 307.

Ref.: Matthews, J.R., *J. Bot.* 73: 204-205. Jul 1935 (rev.).

Burgess, Joseph Tom (1828-1886), British wood-engraver and botanist, born 17 Feb 1828 at Cheshunt, Herts, died 4 Oct 1886 at Leamington, Warwickshire, editor of Clare Journal and local English newspapers, also as antiquary. (*J.T. Burgess*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 284 (b. 17 Feb 1828, Cheshunt, Herts, d. 4 Oct 1886, Leamington); BB third suppl. ed. 2; Desmond p. 107; DNB suppl. 1: 335; Jackson p. 237; Kew 1: 426; Rehder 1: 402.

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Publ.: *Ed. 1*: 1868 (introd. signed Apr 1868), p. [i*], [i]-x, [1]-291, 7 col. pl. *Copy*: BKL.

Further editions: 2-8, n.v.

Burgess, Thomas Joseph Workman (1849-1925), Canadian botanist, surgeon and psychologist, born at Toronto, Ontario, 11 Mar 1849, died in Montreal, 18 Jan 1925, MD at Toronto 1870, on B.N.A. Boundary Commission 1871-1876, assistant physician in London (Ontario), at Insane Asylum 1875-1887, id. at Hamilton Insane Asylum 1887-1890, Verdun Prof. Hosp. for the Insane at Montreal 1890-1923, also professor of mental Dis. 1893-1923. (*T. Burgess*).

HERBARIUM and TYPES: DAO, also at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 284 (b. 11 Mar 1849, Toronto, Ont., d. 18 Jan 1925, Montreal); IH 2: 107.

BIOFILE: Anon., *Amer. men Sci.* ed. 2. 67. 1910; *Canad. men women time* ed. 1, 2; *Northwest Botanical Manuscripts* 41. 1976.

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Publ.: 1889 (read 15 Feb 1889), p. [41]-59. *Copies*: MO, NY. – Reprinted and to be cited from *J. Proc. Hamilton Association* 1889: 41-59.

***Burgsdorff, Friedrich August Ludwig von** (1747-1802), German forester, born in Leipzig, educated early in the french military service, subsequently educated in forestry and hunting at the Gotha court, travelled in Europe 1767-1770, teacher at a forestry school in Berlin 1770, administrator of the Forest inspection Tegel 1777, lecturer in forestry science in Berlin, from 1792 forestry superintendent of the Kurmark of Brandenburg, cultivated many exotic woody cultivars with seeds from North America. (*Burgsd.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 613; Barnhart 1: 284; BM 1: 288; Bossert p. 59; Dryander 3: 208, 419, 619; Hortus 3: 1189; Moebius p. 395, 396; NI 301; PR 1385-1387, 7533, ed. 1: 1574-1577; Ratzeburg p. 98-101; Rehder 4: 56, 125, 385 and see 5(index): 138-139; TL-2/1: 412 and see indexes; Tucker 1: 127; Zander ed. 11, p. 730.

BIOFILE: Anon., Kurze Lebensbeschreibung, in Ges. naturf. Freunde Berlin. n.s. 4: 413-422.

1803 (biogr., b. 23 Mar 1747, Leipzig, d. 18 Jun 1802, Berlin).

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Sukopp, H., Englera 7: 89. 1987 (see caption).

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23.730. Friedrich August Ludwig von Burgsdorf. Königlich Preussischen Forstrathes der Mittel- und Uckermark, auch Mitglied der Berlinischen Gesellschaft Naturforschender Freunde. *Versuch einer vollständigen Geschichte vorzüglicher Holzarten* in systematischen Abhandlungen zur Erweiterung der Naturkunde und Forsthaushaltungs-Wissenschaft. Mit einer Vorrede von D. Johann Gottlieb Gleditsch, Königl. Professor und Academisten ... Berlin (bey Joachim Pauli. Buchhändler) 1783-1787. 2 vols. Qu. (*Versuch vorzügl. Holzarten*).

Publ.: 1: 1783 (Erster und einleitender Theil. *Die Buche*): frontisp., p. [i]-xviii, [1]-492, [i*, err.], pl. 1-24 (uncol.).

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Copies: BR, NY, USDA.

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Copy: HH. – Information by John W. London.

Note (1) Pritzel lists *ed.* 2, Berlin 1790-1791, 2 vols.; 1: 234 p., 3 pl., 2: 280 p., and *ed.* 3 Marbug 1802, 2 vols.

(2) PR mentions a Russian translation, Petropolis 1801, 2 vols. Qu.

Burk, Karl (1888-x), German botanist, born 8 Mar 1888 at Wiesbaden, Oberrealschule until 1907, at the universities of Marburg, Berlin and München on natural sciences and geography, Dr. phil. Marburg 26 Feb 1913. (*K. Burk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 22.

23.732. *Die Walloneneichen in ihrer pflanzen- und wirtschaftsgeographischen Bedeutung ...* Wiesbaden (Verlag von J.F. Bergmann) 1913. Oct.

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Ref.: Diels, L., *Bot. Jahrb.* 51(Lit.): 50. 16 Jun 1914 (rev.).

Burkart, Arturo Erhardo (1906-1975), Argentinean botanist and agronomist, born in Buenos Aires, studied at the Escuela de Agricultura de la Universidad de Buenos Aires 1925 with Lorenzo R. Parodi, "Ingeniero agrónomo" 1928, study in botany and genetics as well as with Erwin Bauer at Müncheberg (nr. München) and with Curt Stern at the Kaiser Wilhelm biological institute at Berlin 1928-1930, assistant with Parodi and genetics with Horowitz in Buenos Aires 1930-1936, professor of agricultural sciences with the University of La Plata 1939-1957, director of the Instituto de Botanica Darwinion from 1936-1975, professor emeritus at the University of Buenos Aires 1972-1975. (*Burkart*).

HERBARIUM and TYPES: SI(15.000). – Further material in B, BA, F, GB, HH, K, MO, NY, S, SP, US, VEN.

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BIOFILE: Anon., *Washington Post* 3 Mai 1975 (brief obit., portr.); *Cienc. Interamer.* 16(1): 21. 1975, see also *Excerpta bot.* A, 27(2): 85. 1976.

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Hunziker, J.H., *Bol. Soc. Argent. Bot.* 17(1-2): 1-4. 1976 (obit., b. 25 Sep 1906, Buenos Aires, d. 25 Apr 1975).

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IN MEMORIAM: *Darwiniana* 20(3-4), 1976, *En memoria de Arturo E. Burkart*.

COMPOSITE WORKS: Burkart was one of the contributors in botany in *Enciclopedia argentina de agricultura y jardinería*, Buenos Aires 1959.

23.733. *Investigaciones relacionadas con la biología floral de la alfalfa bonaerense ...* Buenos Aires (Imprenta la Teatral) 1933. Oct.

Co-author: Arturo Enrique Ragonese (1909-x).

Publ.: Aug 1933 (date on cover-t.p.), cover-t.p., p. [54]-66. *Copy*: L. – Reprinted and to be cited from *Revista Centro Estud. Agron. Univ. Buenos Aires* 147: 54-66. 1933.

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23.735. *Revisión de las especies de "Lathyrus" de la República Argentina ...* Buenos Aires (Imprenta de la Universidad) 1935. Oct.

Publ.: Mar 1935 (date on cover-t.p.), cover-t.p., p. [i], [41]-127, [128], *pl. 1-14* (uncol. phot.).
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Publ.: Aug 1936 (date on cover-t.p.), cover-t.p., p. [i, iii], 67-112, *pl. 1-10* (uncol. phot.), [1-2, postscript]. *Copies*: L, U. – Reprinted and to be cited from *Revista Argent. Agron. 3*(2): 67-112, *pl. 1-10*, 3(3): [1-2]. 1936.

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Publ.: Apr 1937 (date on cover-t.p.), cover-t.p., p. [i], 39-42. *Copy*: L. – Reprinted and to be cited from *Revista Argent. Agron. 4*(1): 39-42. 1937.

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Burkhardt, Christian Friedrich (1785-1854), German botanist and pharmacist, born in Suriname, to Amsterdam and Zeist, in Herrnhut missionary establishments 1791, studied pharmacy in the "Unitäts-Knabenanstalt" in Niesky, in Switzerland 1808-1814, in 1815 in Herrnhut, in 1817 in Niesky at the "Apotheke zu Gnadenfrei", from 1819 as head of the pharmacy, in retirement 1853-1854. (*Burkhardt*).

HERBARIUM and TYPES: GLM, FI, PH (in herb. Schweinitz).

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Burkholder, Paul Rufus (1903-x), American botanist, born at Orrstown, Pa., at Dickinson College B.A. 1924, instructor in botany Univ. Cornell, Ithaca 1924, Biol. curator Buffalo Museum of Science 1929-1932, Ph.D. Cornell 1929, assistant professor Connecticut College 1934, assoc. prof. 1937, id. Univ. Missouri 1938, id. Univ. Yale 1940, M.A. h.c. id. 1944, Eaton prof. botany 1944-1953, Dr. h.c. Dickinson College 1949, Univ. Yale chairman Dept. Plant Science, after 1955 director Brooklyn Bot. Gard. (*P.R. Burk.*).

HERBARIUM and TYPES: Unknown.

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***Burkill, Isaac Henri** (1870-1965), British botanist, born at Leeds, Yorkshire, studied at the University of Cambridge, BA Cantab. 1891, MA 1895, assistant curator at the Cambridge herbarium (CGE) 1891-1896, assistant curator at the Kew herbarium 1897-1899, principal assistant in the Director's office (Kew) 1899-1901, assistant at the Indian Museum Calcutta and employed in the Botanic Garden Calcutta 1901-1912, director of the Botanic Gardens Singapore 1912-1925, from 1925 in retirement at Kew continuing his work on tropical botany. (*Burkill*).

HERBARIUM and TYPES: main sets at CAL, K and SING. Further material at BO, CGE, E, E-GL, HH, NY, P, PNH, US. – *Manuscripts* at K. – For further mss. see G.D.R. Bridson et al., Nat. Hist. mss. Resources Brit. Isl. 128.1, 269.88, 269.169, 269.288.

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Co-author: Murray Ross Henderson (1899-1982).

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Burlingame, Leonas Lancelot (1876-1950), American botanist, born 25 Aug 1876 at Guernsey Co., Ohio, Ph.B. Ohio Northern 1901, fellow Chicago A.B. 1906, Ph.D. plant morphology 1908, professor biology and geology, Ohio Northern 1902-1904, assistant botanist Chicago 1906-1908, Stanford 1908-1909, asst. professor 1909-1916, assoc. professor 1916-1925, professor 1925-1941, emer. professor from 1941. (*Burlingame*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 286 (b. 25 Aug 1876, Guernsey Co., Ohio); Kew 1: 432.

BIOFILE: Anon., *Amer. men sci. ed.* 6. 198. 1938.

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Copy: L.

Burlingham, Gertrude Simmons (1872-1952), American botanist and biology teacher, born 21 Apr 1872, Mexico, N.Y., died 11 Jan 1952, at Syracuse University AB 1896, preceptress

Ovid Union School, N.Y. 1896-1898, Winter Park, Florida, teacher biol. sci. Binghamton H.S., N.Y. 1898-1905, Columbia University Ph.D. 1908, teacher of biology in High School, Brooklyn 1908-1934, later at Winter Park, Florida. (*Burl.*)

HERBARIUM and TYPES: NI, also BPI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 286 (b. 21 Apr 1872, Mexico, N.Y., d. 11 Jan 1952, Winter Park, Florida); BM 6: 162; IH 2: 108; LS 31.768-31.771; LS suppl. 4278-4282; Stevenson p. 1237.

BIOFILE: Anon., J. New York bot. Gard. 9(97): 4. Jan 1908 (mycological herb. at NY), 9(100): 60-61. Apr 1908; Amer. men sci. ed. 5. 249. 1944; New York Times 14 Jan 1952.

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- *Burman, Nicolaas Laurens** (1733-1793), Dutch botanist and physician, son of Johannes Burman, born in Amsterdam, studied botany with his father in Amsterdam, and medicine at the University of Leiden 1752-1759, travelled in Denmark and Sweden 1760 visiting Linnaeus at Uppsala, assisted his father at the Amsterdam Athenaeum illustre from 1761, succeeded him as full professor of botany in 1777, was an early user of the Linnaean binary nomenclature, had as well a regular medical practise from 1761, involved in the writing of the Pharmacopoea Amstelodamensis nova. (*Burm. f.*).
- HERBARIUM and TYPES: G. – Further material in H, L, LINN, M. – See for the Burmans' (father and son) herbaria TL-2/1: 413 and 416.
- BIBLIOGRAPHY and BIOGRAPHY: Aa 2: 1607-1609; AG 2(1): 74, 7: 475; Backer p. 91; Barnhart 1: 286 (d. 11 Sep 1793, Amsterdam); BM 1: 289; Dawson p. 188; Dryander 3: 177, 178, 298, 300; GF p. 53; Hortus 3: 1189; IF p. 685; IH 2: 108; Jackson p. 383; JW 2: 187-188, 3: 347; Kew 1: 432; KR p. 109; Langman p. 17; Lasègue p. 66, 565 (index); MW p. 59; NI 304; NNBW 4: 354; PFC 1: xxxvii; Plesch p. 166; PR 1395-1396, 9669, ed. 1: 1584-1585; Rehder 5(index): 139; RS p. 77; Saccardo 1: 40; SK 1: 53, 93, cxlviii, 4: xcvi; SO 650a, 2534a; TL-1: 69; TL-2/1: 416-417 and see indexes; Tucker 1: 127; Zander ed. 10, p. 642, ed. 11, p. 730.
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Burmeister [of Grünberg, given names not known] (fl. 1882), German highschool teacher in Grünberg in Silezia. (*Burmeister*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Tucker 1: 127.

BIOFILE: Pax, F., Bibl. Schles. Bot. (Schles. Bibl. vol. 4): no. 1007. 1929.
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Burnap, Charles Edward (x-1912), American botanist, Harvard SB 1892. (*Burnap*).

HERBARIUM and TYPES: Unknown.

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***Burnat, Émile** (1828-1920), Swiss engineer, industrialist, magistrate and botanist, born at Vevey 21 Oct 1828, educated at the Institut Sillig, Bellerive 1836-1842, at the Collège de Vevey 1842-1845, in this period already botanizing, at Genève 1845-1847 with Emmaniel Ferrière (minister), studying mathematics and, with Alphonse de Candolle, botany, also with

G.F. Reuter, Ch. Fauconnet and Edmond Boissier, stage at the École centrale de Paris 1847-1851 as ingénieur-métallurgiste, employed with Dollfus-Mieg at Mulhouse as ingénieur 1851-1872, retired at his estate at Nant nr. Vevey 1870 (until 1872 still with Dollfus), dedicating himself to botany, botanized with E. Boissier, L. de Valence and W. Barbey in Spain (incl. Balears), building up a herbarium and a botanical library (now at G), Dr. phil. hon. causa 1909 at the University of Lausanne. (*Burnat*).

HERBARIUM and TYPES: G (incl. Thuret-Bornet herbarium; 220.000), further material at AK, AUT, B, BP, FI, HH, L, LAU (p.p. donated to G), LY, NICE, P, PH, TO.

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- (4) *Monographie des Centaurées des Alpes maritimes ...* Bâle, Genève (Georg & Co.) 1902. See under J. Briquet (as in (2)).
- (5) *Matériaux pour servir à l'histoire de la flore des Alpes maritimes*, a series brought out by Burnat with publications also of other authors, e.g. J. Briquet q.v.
- (6) Briquet, J., *Une lettre d'Alphonse de Candolle à Émile Burnat*, J. Bot. [Morot] 11(4): 76-80. 1897.
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(2) *Liste chronologique des publications d'Émile Burnat*. Vevey 1900, 12 p. (autogr.).

23.813. *Les Roses des Alpes maritimes*. Études sur les roses qui croissent spontanément dans la chaîne des Alpes maritimes et le Département français de ce nom ... Genève et Bâle (H. Georg, ...), Lyon (Même maison, ...) 1879. Oct. (*Roses Alp. mar.*).

Co-author: Auguste Gremlin (1833-1899), see TL-2/1: 997-998.

Publ.: Jan-Mar 1879 (Bot. Zeit. 23 Mai 1879; Bull. Soc. bot. France rd. before 28 Mar 1879; Nat. Nov. Apr (1) 1879), p. [i-vii], [1]-136. Copies: B, G(2), L, MO.

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Supplément [2]: Feb 1883 (date on cover), cover, p. [i], 62-84. Copies: B, G, L, NY. – Note: The suppl. [2] was issued with a t.p. [i], dated "Juin 1882 - Février 1883", Burnat in his autobiographicaly, p. 117 states: "les pages 62-84 ont été publiées avec l'ouvrage complète en février 1883".

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Identifications: Édouard Hackel (1850-1926), see TL-2/2: 2-3.

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Co-author: William Barbey (1842-1914), see TL-2/1: 118-119 and suppl. 1: 317-321.

Publ.: 1882 (Bot. Zeit. 26 Mai 1882; Bull. Soc. bot. France rd. 14 Apr 1882), cover-t.p., p. [1]-62, [1*], 1 pl. (uncol. lith. Ch. Cuisin). Copies: B, G, L, MO, NY. – On p. [1*]: Note sur l'*Hordeum Rubens* Willk. "ajoutée après le tirage de notre dernière feuille".

Ref.: Willkomm, H.M., Bot. Centralbl. 10(26): 465-466. 1882 (rev.).
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 N.L., Bot. Zeit. 40: 347. 26 Mai 1882.

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Co-author: August(e) Gremlí (1833-1899), see TL-2/1: 997-998.

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Publ.: Feb 1884 (fide Leussink, Taxon 35(2): 254. 1986, read 9 Nov 1883), p. [259]-262.
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23.818. *Botanistes qui ont contribué à faire connaître la flore des Alpes maritimes*. Bibliographie et collections botaniques ... Paris (Imprimeries réunies, à Bourloton ...) 1885 [i.e. 1884]. Oct.

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Co-author: August(e) Gremlí (1833-1899), see TL-2/1: 997-998.

Authors mentioned in title: Giovanni Gussone (1787-1866) see TL-2/1: 1025-1026; Gaetano Savi (1769-1844) see TL-2/5: 84-87, Jean Louis Thuillier (1757-1822) see TL-2/6: 305-306, François Crépin (1830-1903) see TL-2/1: 565-567.

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Co-author: August(e) Gremlí (1833-1899), see TL-2/1: 997-998.

Publ.: Jan-Jun 1887 (Nat. Nov. Jul (2) 1887, Bull. Soc. bot. France rd. before Dec 1887, ÖBZ 1 Sep 1887, J. Bot. Sep 1887, Bot. Centralbl. 8-12 Aug 1887), cover-t.p., p. [i*-iii*], [i]-vii, [1]-90, [1-5 charts]. *Copies*: B, G, MO, NY.

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Leading authors: Émile Burnat and Théophile Alexis Durand (1855-1912), see TL-2/1: 708-710.
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Note: An earlier issue with same text with date 1903 is mentioned in Bot. Centralbl. (see Candolle, Alph. de, below).

Ref.: Anon., Just's Bot. Jahresber. 31(1): 498-504. 1903 [i.e. 1904].
Candolle, Alph. de, Bot. Centralbl. 95(19): 524. 17 Mai 1904.

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Editors: John Isaac Briquet, see TL-2/1: 327-330 and this suppl., and François Georges Cavillier (1868-1953), see TL-2/1: 475 and this suppl.

Publ.: 1922, frontisp. portrait, p. [i]-vii, [1]-185. *Copies:* G, MO. – Biography and bibliography (184 nos.).

Ref.: Anon., J. Bot. 60: 275-276. Sep 1922 (rev.).
Krause, K., Bot. Jahrb. 58(Lit.): 95. 1 Jul 1923 (rev.).

Burnett, Gilbert Thomas (1800-1835), British Professor of Botany at King's College London 1831 and at Chelsea 1835. (*Burnett*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 287; BB p. 55; BM 1: 291; Bret. p. 280; CSP 1: 735; Desmond p. 108 (b. 15 Apr 1800, d. 27 Jul 1835); DNB 7: 412; Hortus 3: 1189; Jackson p. 38, 495; Kew 1: 433; NI 305; Plesch p. 167; PR 1397-1398, ed. 1: 1589-1590; Rehder 1: 87, 3: 60; TL-2/ see 13.011.

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Fournier, E., in Baillon, H.E., Dict. bot. 1: 527. 1878.

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Semple, R.H., Mem. Bot. Gard. at Chelsea 1828: 186-288.

EPONYMY: *Burnettia* Lindley 1840, see ING 1: 250. 1979.

COMPOSITE WORKS: (1) Edited new ed. of John Stephenson, *Medical botany* 1834-1838. see TL-2/13.011.

(2) In the lecture-room Mr. Gilbert T. Burnett discoursed on the subject of *vegetable metamorphosis*. The Quaterly Journal of Science, Literature, and Art, Jan-Jun 1929: p. 356-363. (fide Schmid, Goethe u. d. Naturwiss., Halle 1900: 251-252).

(3) M.A. Burnett and G.T. Burnett, *Plantae utiliores*, London, 4 vols. London [1839] 1842-1850, atlas, 250 coloured pl., text mainly by G.T. Burnett. *Copy:* HH, see Tucker 1: 128. 1914 and Plesch p. 167.

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Editor: Miss M.A. Burnett, sister of G.T. Burnett.

Publ.: 1: 1852, p. [i-ii], [i]-296, *ills.* 1-126.

2: 1852, p. [i-ii], 297-552, *ills.* 1-131.

Copy: MO.

Burnett, Miss M.A. (fl. 1842-1852), British author of *Plantae utiliiores*. (*M.A. Burnett*).

HERBARIUM and TYPES: None.

23.825. *Plantae utiliiores*; or illustrations of useful plants, employed in the arts and medicine ... London (Whittaker & Co., Ave Maria Lane) 1842-1850, 4 vols. Qu. (*Pl. util.*).

Text: mainly by G.T. Burnett, q. v.

Publ.: 1: 1842, p. [1-194], 60 plates.

2: 1845, p. [1-144], 68 plates.

3: 1847, p. [1-135], 64 plates.

4: 1850, p. [1-144], 68 plates.

Copies: MO, NY. – See Tucker 1: 128. 1914.

Burns, Georg Plumer (1871-1953), American botanist, born at Maroa, Ill., studied in München ca. 1889, Dr. phil. München 1900, director of the Nichols Arboretum of the University of Michigan 1907-1910, professor of botany at the University of Vermont. (*G.P. Burns*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 287 (b. 30 Oct 1871).

BIOFILE: Anon., *Hedwigia* 50(2) (Beibl.): (89). 8 Aug 1910 (appt. Univ. Vermont); *Amer. men sci. ed.* 6: 199. 1938, ed. 8: 345. 1949.

Gager, C.S., *Brooklyn Bot. Gard. Record* 27(3): 377. 1938 (dir. Bot. Gard. Univ. Michigan).

23.826. *Beiträge zur Kenntniss der Stylidiaceen*. Inaugural-Dissertation zur Erlangung der Doctorwürde bei der hohen philosophischen Fakultät II. Section der Kgl. bayer. Ludwig-Maximilians-Universität zu München ... München (Druck von Val. Höfling, ...) 1900. Oct. (*Beitr. Stylidiac.*).

Publ.: 1900 (before 5 Oct 1900), p. [1]-44, *pl.* 13-14. Copies: MO, NY. – Preprinted from *Flora* 87(4): 313-354, *pl.* 13-14. 5 Oct 1900.

23.827. *The trees of Vermont* ... Bull. Vermont Agr. Expt. Sta. ... 1916. Oct. (*Trees Vermont*). Co-author: Otis, C.H. (1886-1979), see TL-2/3: 856-857.

Publ.: 1916, p. [1]-244. – Issued as Bull. Vermont Agric. Expt. Sta. 1940 (n.v.).

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Burns, William (1884-1970), Scottish botanist, studied at the University of Edinburgh (B.Sc 1907, D.Sc 1914), assistant lecturer in botany at Reading 1907-1908, economic botanist at Bombay 1908-1922, also Director of the Botanical and Agricultural Station, Bassein nr. Bombay 1908-1912, Principal of Poona College of Agriculture 1922-1932, also director of Ganeshkhind Botanical Garden (fruit exp. sta); director of agriculture Bombay 1932-1936, Agricultural Commissioner with the Government of India at New Delhi 1939-1943, specialized in agronomy, plant breeding, grassland improvement and soil conservation. (*W. Burns*).

HERBARIUM and TYPES: K (rd. 1929, 90 *Sorghum*).

BIBLIOGRAPHY and BIOGRAPHY: Desmond p. 109 (b. 6 Jul 1884, d. 8 Apr 1970); IH 2: 108; Kew 1: 434; LS 31774; LS suppl. 4302-4303.

BIOFILE: Anon., Who was Who 1961-1970: 160.

Burns, W., Info 11 Aug 1939 sent to F. Verdoorn, *Chronica Botanica*, in TL-2/files.

Gager C.S., Brooklyn Bot. Gard. Record 27(3): 259. 1938 (1906-1908 dir. Bassein botanical Garden, 1908-1921 director of Ganeshkhind Botanical Garden Kirkee near Bombay).

23.828. *Opuntia elatior*, Mill. The prickly pear of the Bombay Presidency ... *Agricultural Journal of India* ... [1914]. Oct.

Publ.: Oct 1914 (in journal), cover-t.p., p.[i, h.t. recto of 362], 362-365, *pl.* 31-32 (uncol. phot.) *Copy*: L. – Reprinted and to be cited from *Agric. J. India* 9(4): 362-365, *pl.* 31-32. 1914.

Burrell, William Holmes (1865-1945), British (London born) pharmacist and biologist, lived in Yorkshire 1914-1945, curator of the Ingham Herbarium, Leeds University. (*Burrell*).

HERBARIUM and TYPES: LDS. – Some further material at OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 288; BL 2: 258, 259; Clokie p. 142; Desmond p. 109 (main source, d. 30 Mar 1945); LS 4478, 31.778-31.778a.

BIOFILE: Anon., British bryological Society, Report for 1944-1945: 316-318. 1946.

Sayre, G., *Bryologist* 80(3): 505. 197 (herb. at LDS).

Scott, L.I., *The Naturalist* 879: 159-160. Oct-Dec 1961 (“Mr. Burrell was a small, neat man with great charme of manner, ... ”; evaluation of his bryological work).

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NOTES: (1) Burrell, W.H., *A supplementary list of Norfolk mosses, liverworts and mycetozoa*, *Trans. Norfolk and Norwich nat. Soc.* 9: 99-107. 1910. – (n.v.), see LS 31778a.

(2) id., *The Fauna and Flora of Florden Common*, *Trans. Norfolk and Norwich nat. Soc.* 9: 170-186, map, 1911. –(n.v.), see BL 2: 259.

23.829. *A field study of Orthodontium gracile* (Wilson) Schwaegrichen and its variety *Heterocarpum* Watson ... *The Naturalist* ... 1940. Oct.

Publ.: Dec 1940 (in journal), p. 295-302. *Copy*: Gr-V. – Reprinted and to be cited from *The Naturalist* 1 Dec 1940, p. 295-302.

***Burret, Karl Ewald Maximilian** (1883-1964), German (Rheinprovinz) botanist, educated at the Gymnasium of Andernach and id. at Koblenz (final examination 1903), studied law at the University of Lausanne 1903, id. University of München 1903-1904, id. Berlin 1904-1905, studied at the Landwirtschaftlichen Hochschule in Berlin 1905-1906, from 1906-1909 at the University of Berlin, with e.g. Ascherson, Engler, Pilger, Potonié and Schwendener, Dr. phil. ib. 16 Feb 1910, aid-assistant at the Botanical Museum, Dahlem 1910-1911, assistant at the Botanical Institute of the Agricultural University, Berlin 1911-1921, military interpreter 1917-1918, again with the Agricultural University 1918-1921, second director of the Botanical Garden and Museum, Berlin-Dahlem 1922-1953, “Kustos und Professor” 1 Jan 1928, specialist in Tiliaceae, Moraceae and especially Palmae. (*Burret*).

HERBARIUM and TYPES: B (some of Burret’s type material is extant).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 288; Hortus 3: 1189; IH 2: 109; Kew 1: 434; Langman p. 171; MW p. 59; MW suppl. p. 29; Roon p. 23; SK 1: 94, cli, 4(2): 108, lxxxii, 8: xix; TL-2/1: 418-419 and see indexes; Zander ed. 10, p. 642, ed. 11, p. 730.

BIOFILE: Anon., Nat. Nov. 44: 52. 1922 (Kustos am Bot. Gart. Berlin-Dahlem); Principes 8: 147. 1964 (death notice: had the Founder's Medal of the Fairchild Tropical Garden 1958).
 Balick, M.J., Principes 24(1): 33-36. 1980 (current importance Palm herbarium at B).
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 Clute, Jutta, Tagesspiegel 22 Sep 1964 (obit. notice).
 Castellanos, A. and R.A. Perez-Moreau, Lilloa 6: 118. 1941, 7: 135. 1941.
 Mattick, F., Willdenowia 1(4): 670. 11 Mai 1956 (B. retired 31 Mar 1953)
 Merrill, E.D., B.P. Bishop Mus. Bull. 144: 57. 1937 (titles of Polynesian articles by B.)
 Pilger, R., Willdenowia 1(1): 32. 4 Aug 1953 (40 years at B).
 Potztl, E., Willdenowia 4(1): 23-31. 1965 (main biogr., bibl., with portrait), see also Principes 2: 87-91. 1958 (portr., bibl.) and Willdenowia 2(2): 140-142. 1959 (75. birthday).
 Zepernick, B. and F.K. Timler, Englera 1: 35. 1979.

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EPONYMY: see TL-2/1: 419, addition: *Maxburretia* Furtado 1941, see ING 2: 1053. 1979.

MANUSCRIPT: (1) Bericht des Professors Dr. M. Burret, Kustos am Botanischen Garten in Berlin-Dahlem, über eine botanische Studienreise nach dem Malayischen Gebiet. [Berlin 1939], 15 p. typescript. Original and copy at B. – Left Berlin 7 Dec 1938, returned 10 Jun 1939.

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Publ.: 16 Feb 1910 (date of defense thesis; Bot. Zeit. 16 Apr 1910), cover-t.p., p. [1]-42, [43-44]. *Copies*: B, BKL – “Arbeit aus dem Laboratorium des Kgl. Bot. Gart. Mus. Dahlem-Berlin. – Referenten: H.G.A. Engler (TL-2/1: 757-797) and S. Schwendener” (TL-2/5: 443-448), also published in Bot. Jahrb. 44(2): 198-238. 22 Mar 1910.
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Senior author: Gottfried Wilhelm Johannes Mildbraed (1897-1954), see TL-2/3: 484-485.
Publ.: 2 Mai 1911 (in journal), cover-t.p., p. [163]-269. *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 46 (1-2): 163-269. 1911.

23.833. *Neotessmannia*, eine neue Tiliaceen-Gattung ... Aus “Notizbl. Bot. Gart. u. Mus. Berlin-Dahlem” ... 1924. Oct.
Publ.: 1 Oct 1924 (in journal), p. [125]-127. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 9(82): 125-127. 1924. – See ING 2: 1167. 1979.

23.834. *Beiträge zur Kenntniss der Tiliaceen ...* Aus “Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem” ... 1926 [-1937]. Oct.
Publ.: 15 Jul 1926 (in journal), p. [592]-880. *Copies*: L, U. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 9(88): 592-880. 1926.

- [2]: 25 Mar 1927 (in journal), p. [1161]-1174. *Copy*: L. – Id. 9(90): 1161-1174. 1927.
 [3]: In id. 12(112): 160-167. 31 Dec 1934. – No reprint seen.
 [4]: In id. 12(115): 602-605. 6 Dec 1935. – No reprint seen.
 [5]: In id. 13(117): 252-255. 15 Jul 1936. – No reprint seen.
 [6]: p. 487-489. *Copy*: L in combined reprint, see below, 30 Jun 1937. – Reprinted and to be cited from id. 13(119): 487-489.

23.835. Eine neue Palmengattung von den Molukken ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1927. Oct.

Publ.: 20 Dec 1927, p. [198]-201. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(92): 198-201. 1927.

Note: This reprint was issued combined with: [2] Über *Ptychosperma elegans* (R. Br.) Bl. p. [202]-206. *Copy*: L. – Id. 10(92): 202-206. 1927.

23.836. Eine neue Art der Palmengattung *Pelagodoxa* Becc. aus der Südsee ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1928. Oct.

Publ.: 30 Mar 1928 (in journal), p. [286]-288. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(93): 286-288. 1928.

23.837. Die Palmengattungen *Oenocarpus* Mart. und *Jessenia* Karst., nebst Bemerkungen zu Archontophoenix H. Wendl. et Drude (einschliesslich Loroma O.F. Cook) ... Aus "Notizbl. Bot. Gart. u. Mus. Berlin-Dahlem" ... 1928. Oct.

Publ.: 30 Mar 1928 (in journal), p. [291]-312. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(93): 291-312. 1928.

23.838. Beiträge zur Kenntniss der Palmen von Malesia, Papua und der Südsee. Geographische Verbreitung. Neue und kritische Arten. Über das Sammeln von Palmen ... Sonderabdruck aus Fedde, Repertorium ... 1928. Oct.

Publ.: 25 Mai 1928 (in journal), p. [253]-296. *Copy*: B. – Reprinted and to be cited from Fedde Repert. spec. nov. 24(25): 253-296. 1928.

23.839. Die Palmengattung *Manicaria* Gaertn. [and 2 further articles] "Notizbl. Bot. Gart. u. Mus. Berlin-Dahlem" ... 1928. Oct.

Publ.: 1 Dec 1928 (in journal) I. Die Palmengattung *Manicaria* Gaertn., p. [389]-394. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(95): 389-394. 1928.

Note: This reprint was issued combined with:

[2]: Die Palmengattungen *Chelyocarpus* Dammer und *Tessmanniophoenix* Burret nov. gen., p. 394-401. 1928. *Copy*: L. – Id. 10(95): 394-401. 1928. – See ING 3: 1735. 1979.

[3]: Eine neue *Copernicia*-Art aus Paraguay, p. 402-404. *Copy*: L. – Id. 10(95): 402-404. 1928.

23.840. *Palmae cubenses* et domingenses a cl. E.L. Ekman 1914-1928 lectae ... Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1929 Oct. (*Palmae cub.*).

Collector: Erik Leonard Ekman (1883-1931), see TL-2/1: 739-740.

Publ.: shortly after 22 Mar 1929 (date of printing p. 28, read 14 Nov 1928), [cover-t.p.], p. [1]-28, pl. 1-14 (uncol. liths. Burret & Pohl). *Copies*: B, L, U, US; IDC EH-542/2. – Issued as K. Svensk Vet.-Akad. Handl. ser. 3. 6(7). 1929.

23.841. Neue und kritische Arten der Palmengattung *Mauritia* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1929. Oct.

Publ.: 30 Mar 1929 (in journal), p. [565]-574. *Copies*: B, L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(96): 565-574. 1929.

23.842. Die Palmengattungen *Orbignya*, *Attalea*, *Scheelea* und *Maximiliana* ... Aus "Notizbl. Bot. Gart. u. Mus. Berlin-Dahlem" ... 1929. Oct.

- Publ.*: 10 Jul 1929 (in journal), p. [651]-701. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(97): 651-701. 1929.
- 23.843.** Die Gattung *Euterpe* Gaertn. ... Sonderabdruck aus Englers Bot. Jahrb. ... [1929]. Oct. *Publ.*: 15 Nov 1929 (in journal), p. [49]-76. *Copy*: L. – Reprinted and to be cited from Bot. Jahrb. 63(1): 49-76. 1929.
- 23.844.** Die Heimat von *Astrocaryum rostratum* Hook. f. ... Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem ... 1929. Oct. *Publ.*: 30 Dec 1929 (in journal), p. [837]-838. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(98): 837-838. 1929.
Note: This reprint was issued combined with:
[2]: Zur Gattung *Jessenia* Karst., p. 839-840. *Copy*: L. – Id. 10(98): 839-840. 1929.
[3]: Die Gattung *Leroxylon* Humb. et Bonpl., p. 841-854. *Copy*: L. – Id. 10(98): 841-854. 1929.
[4]: Die Gattung *Hyospathe* Mart., p. 854-859. *Copy*: L. – Id. 10(98): 854-859. 1929.
- 23.845.** *Geonomeae americanae* ... Sonderabdruck aus Englers Bot. Jahrb. ... [1930]. Oct. *Publ.*: 1 Mar 1930 (in journal), cover-t.p., p. [123]-192. *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 63(2): 123-192. 1930.
Continuation (together with the above part): p. 193-220. *Copy*: B. – Reprinted in one fascicle with p. 123-192, above.
- 23.846.** *Iriarteae* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1930. Oct. *Publ.*: 30 Mar 1930 (in journal), p. [918]-942. *Copies*: B, L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(99): 918-942. 1930.
- 23.847.** *Palmae novae Luetzelburgianae* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1930. Oct. *Publ.*: 1 Aug 1930 (in journal), p. [1013]-1026. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 10(100): 1013-1026. 1930.
Note: This reprint was issued combined with:
[2]: Über *Leopoldinia piassaba* Wallace, die Stammpflanze der Pará-Piassave, p. [1027]-1028. *Copy*: L. – Id. 10(100): 1027-1028. 1930.
- 23.848.** *Palmae novae austroamericanae* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1930 [-1931]. Oct. *Publ.*: 1: 30 Dec 1930 (in journal), p. [1]-19. *Copies*: B, L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 11(101): 1-19. 1930.
2: 10 Jul 1931 (in journal), p. [199]-203. *Copy*: L. – Id. 11(103): 199-203. 1931.
Note: This reprint was issued combined with:
Palmae gerontogae, p. [204]-207. *Copy*: L. – Id. 11(103): 204-207. 1931.
- 23.849.** Eine neue Palmengattung aus Südamerika [*Parajubaea* nov. gen.] ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1930. Oct. *Publ.*: 30 Dec 1930 (in journal), p. [48]-51. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 11(101): 48-51. 1930. – See ING 2: 1259. 1979.
- 23.850.** *Aulococarpus* Berg = *Mouriria* Aubl. ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1931. Oct. *Publ.*: 31 Mar 1931 (in journal), p. [150]-151. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 11(102): 150-151. 1931.
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- 2: 1 Mar 1933 (in journal), p. 115-117. *Copies*: B, L. – Fedde Repert. spec. nov. 32(8): 115-117. 1933.
- 3: 25 Jun 1934 (in journal), p. 44-46. *Copies*: B, L, in combined reprint, see below. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 12(111): 44-46. 1934.
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- 5: 15 Jul 1936 (in journal), p. [185]-200. *Copy*: L. – Id. 13(117): 185-200. 1936.
- Note*: This reprint was issued combined with:
Die Palmengattung Gronophyllum Schett., p. 200-205. *Copy*: L.
- 6: 30 Dec 1936 (in journal), p. 347-348. *Copy*: L, in combined reprint, see 30 Dec 1936.
- 23.852.** *Four new palms* collected in the territory of Papua (British New Guines) by L.J. Brass ... Reprinted ... from Journal Arnold Arboretum ... 1931. Oct.
Collector: Leonard John Brass (1900-1971), see TL-2/ this supplement.
Publ.: 3 Nov 1931 (in journal), p. [264]-269. *Copy*: L. – Reprinted and to be cited from J. Arnold Arb. 12(4): 264-269. 1931.
- 23.853.** *Palmae Hoppianae novae vel criticae* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1931. Oct.
Collector: Werner Hopp (fl. 1924-1931), material at B, see IH2: 285. – See also R. Schlechter, Orchidaceae Hoppianae, Beih. Fedde Repert. 29: 5-123. 1924.
Publ.: 10 Nov 1931 (in journal), p. [231]-236. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 11(104): 231-236. 1931. – Socratea, Iriatella, Scheeler n. sp.
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- 23.855.** *Palmae neogaeae* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1932 [1940]. Oct.
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 5: 20 Jan 1934 (in journal), p. [1037]-1050. – Id. 11(110): 1037-1050. 1934.
 6: 25 Jun 1934 (in journal), p. [42]-44. – Id. 12(111): 42-44. 1934.
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 9: 6 Dec 1935 (in journal), p. 612-625. – Id. 12(115): 612-625. 1935.
 10: 30 Dec 1936 (in journal), p. 339-347. *Copy*: L, in combined reprint, see below 30 Dec 1936. – Id. 13(118): 339-347. 1936.
 11: 30 Jun 1937 (in journal), p. 478-481. – Id. 13(119): 478-481. 1937.
 12: 15 Feb 1940 (in journal), p. 99-108. – Id. 15(1): 99-108. 1940.
- 23.856.** *Die Palmengattungen Reinhardtia Liebm. und Malortiea* H. Wendl. ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1932. Oct.
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[3]: Die *Palmengattungen Kajewskia* Guillaumin und *Carpoxydon* H. Wendl. et Drude von der Insel Aneityum (Neu-Hebriden), p. [578]. *Copies:* B, L. – Id. 11(107): 578. 1932.

23.857. *Attalea cohune* Mart. wirklich eine *Orbignya* (= *Orbignya Dammeriana* Barb. Rodr.) ... Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem ... 1932. Oct.

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23.858. *Bactris cohune* S. Watson = *Astrocaryum mexicanum* Liebm. ... Sonderabdruck aus Fedde, Repertorium. ... [1933]. Oct.

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23.859. *Neue Palmen aus Neu-Guinea* ... [Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem]. 1933 [-1940]. Oct.

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2: 31 Mar 1935 (in journal), p. 309-348. *Copy:* L, in combined reprint, see below 31 Mar 1935. – Id. 12(113): 309-348. 1935.

3: 15 Mar 1936 (in journal), p. 65-101. *Copy:* L, in combined reprint see below 15 Mar 1936. – Id. 13(116): 65-101. 1936

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5: 30 Jun 1937 (in journal), p. [468]-475. *Copy:* L, in combined reprint, see below 30 Jun 1937. – Id. 13(119): 468-475. 1937.

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Publ.: 1 Aug 1933 (in journal), p. [867]-869. *Copy:* L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 11(109): 867-869. 1933. – See ING 3: 1568. 1979.

Note: This reprint was issued combined with: Zwei kultivierte *Chamaedorea*-Arten wildwachsend wiedergefunden, p. [870]-871. *Copy:* L. – Id. 11(109): 870-871. 1933.

23.861. *Bactris* und verwandte Palmengattungen ... Sonderabdruck aus Fedde, Repertorium ... [1933-1934]. Oct.

Publ.: 31 Dec 1933 (p. 167-184), 15 Feb 1934 (p. 185-253), p. [167]-253. *Copies:* B, L, U. – Reprinted and to be cited from Fedde Repert. spec. nov. 34(10-12): 167-184. 31 Dec 1933 and 34(13-20): 185-253. 15 Nov 1934.

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Publ.: 31 Mar 1935 (in journal), p. [302]-303. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 12(113): 302-303. 1935.
Note: This reprint was issued combined with:
 [2]: *Palmae neogae* [7], see above in series.
 [3]: Zwei neue *Raphia*-Arten, p. 305-308. *Copy*: L. – Id. 12(113): 305-308. 1935.
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- 23.867.** Eine neue *Myrtaceen*-Gattung von Celebes ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1936. Oct.
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- 23.868.** Die Palmengattungen *Nengella* Becc. und *Leptophoenix* Becc. ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1936. Oct.
Publ.: 30 Dec 1936 (in journal), p. [312]-317. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 13(118): 312-317. 1936.
Note: This reprint was issued combined with:
 [2] *Neue Palmen aus Neuguinea* 4, see above in series.
 [3] Die Palmengattung *Morenia* R. et P., p. 332-339. *Copy*: L. – Id. 13(118): 332-339. 1936.
 [4] *Palmae neogae* 10, see above in series.
 [5] *Palmae gerontogae* 6, see above in series.
 [6] *Ptychosperma Kerstenianum*, eine verkannte Gartenpalme, p. [384]-385. *Copy*: L. – Id. 13(118): 384-385. 1936.
- 23.869.** Über die bisher unbekannte Heimat einer alten Gartenpalme, *Scheelea osmantha* Barb. Rodr. ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1937. Oct.
Publ.: 30 Jun 1937 (in journal), p. 476-477. *Copy*: L. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 13(119): 476-477. 1937.
Note: This reprint was issued combined with:
 [2] *Neue Palmen aus Neuguinea* 5, see above in series.
 [3] *Palmae neogae* 11, see above in series.
 [4] Die Palmengattungen *Hydriastele* Wendl. et Drude und *Adelonenga* Becc., p. 482-487. *Copy*: L. – Id. 13(119): 482-487. 1937.
 [5] Beiträge zur Kenntnis der Tiliaceae 6, see above in series.
 [6] *Plantae Duqueanae*, Herausgegeben von M. Burret, p. 489-495. *Copy*: L. – Id. 13(119): 489-495. 1937.

23.870. Die Palmengattung *Syagrus* Mart. ... Aus Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem 1937. Oct.

Publ.: 25 Nov 1937 (in journal), p. [677]-696. *Copy:* B. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 13(120): 677-697. 1937.

Burrill, Thomas Jonathan (1839-1916), American botanist, born 25 Apr 1839, Pittsfield, Massachusetts, died 14 Apr 1916, Urbana, Illinois, mycologist and bacteriologist, educated at Illinois State Normal School, honorary degree of Ph.D. from Chicago University 1881, and later L.L.D. from Northwestern University, filled the chair of botany of the University of Illinois, and from 1879 until his retirement in 1913 as Vice-President of the University. (*Burrill*).

HERBARIUM and TYPES: Unknown.

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Publ.: Aug 1885 (*Nat. Nov. Oct* (1) 1885: "115 pg."), cover-t.p., p. [i], [141]-255. *Copy:* NY. *Part II:* 1887 (*Nat. Nov. Dec* (1) 1887), *Erysipheae*, Peoria Ill. 1887, 46 p. – *Co-author:*

Franklin Summer Earle (1856-1929), see TL-2/1: 716. – No copy seen.

Ref.: Barnhart, J.H., NAF 7(15): 1054. 1940.

Bursa, Adam Stanislaw (1908-x), Polish botanist (algologist) working on marine and fresh water Dinoflagellata, moved to Canada, employed by the Arctic Research Unit of the Fishery Board of Canada. (*Bursa*).

HERBARIUM and TYPES: Unknown (in letter to IAPT 1957: "main attention is directed towards the naked dinoflagellatae species which have to be studied *in vivo* because no proper method for their preservation is known").

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NOTE: Typewritten list of 19 papers between 1934 and 1954.

23.872. *Hydrurus foetidus* w Polskich Tatrach. II. *Fenologia. Hydrurus foetidus* in der Polnischen Tatra II. *Phenologie* ... [Bull. intern. Acad. Polon. Sci. Cl. Sci. math. nat. Ser. B. Sci. nat. ... 1934]. Oct.

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23.873. *Liste des algues dans les eaux de la Baltique Polonoise ...* Cracovie (Imprimerie de l'Université) 1935. Oct.

Publ.: 1935 (read 4 Mar 1935), cover-t.p., p. [ii, cover], [69]-76. *Copy*: L. – Reprinted and to be cited from *Bull. intern. Acad. Pol. Sci., Cl. Sci. math. nat., ser. B., Sci. nat. 1 Bot.* 1935: 69-76.

23.874. Kilka uwag o gatunkach *Desmotrichum undulatum* J. Ag., *D. balticum* Kütz. oraz *D. scopulorum* Rke występujących w wodach Zatoki Gdańskiej. Some remarks on *Desmotrichum undulatum* J. Ag., *D. balticum* Kütz. and *D. scopulorum* Rke found in the gulf of Danzig ... *Acta Societatis Botanicorum Poloniae ...* 1938. Oct.

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23.875. Untersuchung über die *Bodenfauna und Bodenflora der Danziger Bucht* unter Anwendung eines Taucherhelms ... Cracovie (Imprimerie de l'Université) 1939. Oct.

Co-author: R.J. Wojtusiak.

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Burt, Edward Angus (1859-1939), American (Athens, Pa. born) mycologist, grew up on a dairy farm near Middle Grove, Saratoga County, N.Y., educated at the State Normal School at Albany (N.Y.) in winters, teaching penmanship, bookkeeping and english at the Albany Academy 1880, teaching natural history at the State Normal School at Albany 1885-1890, entered the junior class at Harvard University 1891 studying with Roland Thaxter and William G. Farlow, AM 1894, Dr. phil. 1895, professor of natural history at Middlebury College (with Ezra Brainerd) 1895-1913, librarian and mycologist at the Henry Shaw School of Botany of Washington University, St. Louis 1913-1933. (*Burt*).

HERBARIUM and TYPES: original cryptogamic herbarium at FH, further material at MICH, MO, NY, TRTC.

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Burtin, François Xavier de (1743-1818), Belgian naturalist, born at Maastricht (Netherlands) December 1743, wrote “*Oryctographie de Bruxelles 1784*”, worked on Glossopetren, Proboscidea, phytopalaeontology, died 9 August 1819 in Bruxelles. (*Burtin*).

HERBARIUM and TYPES: Unknown.

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Burt, Arthur H. (fl. 1899), English botanist from Darlington, studied at the Eberhard-Karls-Universität in Tübingen, Dr. Phil. ib. 1899. (*A.H. Burt*).

HERBARIUM and TYPES: Unknown.

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Ref.: Büsgen, M., Bot. Zeit. 58(3): 39-40. 1 Feb 1900 (rev.).
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***Burt Davy, Joseph** (1870-1940), British botanist, born in Derbyshire, assistant to the director of the Royal Botanic Gardens Kew 1891-1892, moved to California 1893, assistant in botany at the University of California, Berkeley 1893-1896, lecturer in botany and assistant botanist at California State Agricultural Experiment Station 1896-1901, id. instructor in botany 1901-1902, curator at the herbarium of USDA, Washington D.C. 1902, government agrostologist and botanist 1903-1913 in Pretoria, S-Afr., breeding corn at his own farm at Vereeniging, Transvaal 1913-1920, at Kew 1920-1925, lecturer in tropical forest botany at the Imperial Forestry Institute, Oxford 1925-1940, Ph. D. at Cambridge 1924, id. hon. at Oxford 1936. (*Burt Davy*).

NOTES: (1) Joseph Burt Davy was treated as Davy, J.B. in TL-2/1:602-603. We follow Desmond (1977) to use Burt Davy as the family name. (He used the name *Burt Davy* as well as *Burt-Davy* irregularly).

(2) For a manual of the flowering plants and ferns of the Transvaal. – London 1926, see TL-2: 602-603.

HERBARIUM and TYPES: Original collections from California at UC, duplicates at B; collections of S-Africa at PRE (first set), further material at BOL, BUL, GRA, J, JEPS, K, NH, NY, OXF, SAM. Field notes from California period at JEPS and WC.

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BIOFILE: Anon., Kew Bull. 1896(110): 31 (Calif. pl. to K), 1923(10): 406 (Burt Davy started herb. PRE); Hedwigia 42(4) (Beibl.): (224). 4 Jul 1903 (accepted State Agrostologist and Botanist in Pretoria); Gard. Chron. ser. 3. 75: 266. 1924 (portr.); Madroño 6(1): 31. 1941 (obit. note, taken from Science).

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Co-author: Vicary Gibbs Crawley.
Publ.: Oct 1910 (date on cover-t.p.), cover-t.p., p. [455]-482. *Copies*: G, NY. – Reprinted and to be cited from *S. Afr. J. Sci.* 7: 455-482. 1910.
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Co-author: John Hutchinson (1884-1972), see TL-2/2: 378-379.
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Co-author: Arthur Clague Hoyle (1904-1986).
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***Buscalioni, Luigi** (1863-1954), Italian botanist, born in Torino, educated at the University of Torino, assistant at the Istituto Botanico dell'Università di Torino 1891-1892, idem in Parma 1892-1894, lecturer in botany 1894-1896, assistant with Berthold at Göttingen 1896-1897, assistant at the Istituto Botanico dell'Università di Roma 1897-1899, assistant with the Istituto Botanico dell'Università di Pavia 1900-1902, collected 1899-1900 in Amazonas, professor at the University at Sassari 1902-1906, id. and director of the Istituto Botanico dell'Università di Catania 1906-1923, collected in Eritrea and Ethiopia 1915-1916, id. at Palermo 1923-1928, director of the Istituto Botanico dell'Università di Bologna 1928-1933, director of the Bologna Botanical Garden 1929-1936, professor emeritus ibid. 1933-1954. (*Buscal.*).

HERBARIUM and TYPES: FT Ethiopian material, with G. Ostini, see IH 2: 629).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 290 (b. 30 Jan 1863, Torino); BJI 2: 23-24; BM 6: 164; CSP 13: 935; De Toni 4: ix; Hortus 3: 1189; IH 2: 629; Kew 1: 438-439; Langman p. 172; LS 4522-4523, 31.791-31.792; LS suppl. 4250-4251; Rehder 5 (index): 141; Saccardo 1:41; TL-2/1: 420 and see indexes; Tucker 1: 129.

BIOFILE: Anon., Nat. Nov. 14: 101. 1892 (dir. Bot. Garden Parma), 21: 302. 1899 (Exped. to Amazonas); Bot. Centralbl. 65(8): 288. 19 Feb 1896 (assistant with Berthold at Göttingen), 69(10): 338. 1897 (assistant Roma); ÖBZ 50: 107. 1900 (returned from Amazonas).

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Ciferri, R., Archivio botanico 31(1): 64. 1955; Ber. deut. bot. Ges. 68a (Nachrufe) (2): 183-184. 1956 (obit., portr.).

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Pirotta, R., *Malpigia* 13: 256. 1899.

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23.915. *Una escursione botanica nell'Amazzonia* [sic] ... Roma (presso la Società geografica Italiana ...) 1901. Oct.

Publ.: 1901 (reprint printed Jan 1901, on p. [2], text dated 30 Apr 1900). p. [1]-142, [143 index]. *Copy*: MO. – Reprinted and to be cited from *Bull. Soc. Geogr. Ital. ser. 4.2*(1): 40-76. Jan, (3): 213-240. Mar, (4): 336-372. Apr, (5): 429-467. Mai 1901.

23.916. *Note botaniche ... Malpigia ...* [1907]. Oct.

Co-author: Giulio Trinchieri (fl. 1907-1911).

Publ.: Jan 1907 (author's note on p. 522, 20 Dec 1906 on p. [463], *Nat. Nov. Mai* (1) 1908), p. [1]-96, [97 index, 99 identif.] *pl. 5, pl. 2* (uncol. phot.). *Copy*: B. – Reprinted and to be cited from *Malpigia* 20: 463-479, *pl. 5*. 1907 ("1906") (*Note I-III*) and 21: 175-254, *pl. 2*. 1907 (*Note IV-X*).

23.917. *L'Etna e la sua vegetazione ...* Roma (presso la Società geografica Italiana ...) 1909. Oct.

Publ.: 1909. p. [1]-65. *Copy*: B. – Reprinted and to be cited from *Bull. Soc. Geogr. Ital. ser. 4*. 10(3): 221-250. Mar, (4): 369-400. Apr 1909.

Ref.: Diels, L., *Bot. Jahrb.* 44(Lit.): 10. 1909 (rev.).

Muschler, R.C., *Bot. Zeit.*, Abt. 2. 67: 339-340. 16 Dec 1919 (rev.).

23.918. *Il pleroma tubuloso, l'endoderme midollare, la frammentazione desmica e la schizorizia nelle radici della Phoenix dactylifera L. ...* [Atti dell'Accademia Gioenia di scienze naturali in Catania ... 1910]. Qu.

Co-author: Giuseppe Lopriore (1865-1928), see TL-2/3: 155.

Publ.: 1910 (in journal, preface on p. 2: Jul 1909), cover-t.p., p. [1]-102, *pl. 1-13* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from *Atti Accad. Gioenia Sci. nat. Catania ser. 5*. 3(Mem. 1): 1-102, *pl. 1-13*. 1910.

23.919. *Note botaniche. Sopra alcuni Senecio dell'Etna: [S. aetnensis (Jan.), S. incisus (Presl) e S. chrysanthemifolius (Poir.)] ...* 1910. Oct.

Publ.: 1910 (in journal, possibly p. 130-166 and 297-364 in 1909), p [1]-119, [120, identif.], *pl. 3-8*. *Copy*: B. – Reprinted and to be cited from *Malpigia* 23: 130-166, 297-364, 410-424, *pl. 3-8*. 1910 [possibly 1909-1910].

23.920. *Endemismi et esodemismi nella flora Italiana ...* Catania (Tip. La Siciliana Ciurca & Strano) 1912-1914. Oct.

Co-author: Giuseppe Muscatello.

Publ.: [1912]-1914 (in journal, *ÖBZ* 1 Jul 1914), cover-t.p., p. [i], [1]-274, [275, corr.], *pl. 11* (map). *Copy*: L. – Reprinted and to be cited from *Malpigia* 24: 465-495, *pl. 1-6*. 1912, 25: 85-118, 157-172, 283-346, 453-500. 1913, 26: 65-72, 145-192, 345-380, *pl. 11*. 1914 (p. 380: "Catania Agosto 1910"). No precise dates of *Malpigia* known to us.

Busch, Paul (1881-x), German pharmacist and botanist, born on 6 Jun 1881 at Krefeld (Regierungsbezirk Düsseldorf), at the Krefeld Gymnasium 1890-1900, studied law at Lausanne 1900-1905, as well as in Berlin, München and Bonn, pharmacist study 1905 at Düsseldorf, at the University of Leipzig 1908-1909, Erlangen 1910-1911. (*P. Busch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 290 (b. 6 Jun 1881, Krefeld); Kew 1: 439.

23.921. *Anatomisch-systematische Untersuchung der Gattung Diospyros. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen Philosophischen Fakultät der Friedrich-*

Alexanders-Universität Erlangen ... Crefeld (Wilhelm Greven, ...) 1913. Oct. (*Anat.-Syst. Unters. Diospyros*).

Publ.: 14 Jul 1913 (date of defense thesis, Nat. Nov. Mar (1,2) 1915), p. [1]-94, [95]. *Copies*: BKL, L.
Ref.: Klenke, H., Bot. Centralbl. 131(8): 194-195. 22 Feb 1916.

Krause, K., Bot. Jahrb. 51(Lit.): 47-48. 16 Jun 1914.

Buschbaum, Heinrich (1836-1924), German (born Neuland a. d. Elbe) botanist and highschool teacher, at the "Realschule" at Osnabrück 1869, prolific writer on the flora around Osnabrück until 1891. (*Buschbaum*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 292; CSP 9: 407; Jackson p. 295, 308.

BIOFILE: Dörfler, I., Botaniker-Adressbuch 12. 1896 (Realgymnasium Lehrer Osnabrück), (not again listed in Dörfler ed. 3, 1909).

DEDICATION: Karl Koch, *Flora des Regierungsbezirkes Osnabrück und der benachbarten Gebiete*. Osnabrück 1934, see TL-2/3789, p. [iii]: "Dem Andenken Heinrich Buschbaums", portr. between [iv-v], details on Buschbaum on p. xiii-xiv.

23.922. *Die Gefäss-Pflanzen des Fürstentums Osnabrück ... Anlage zum 11. Programm der Realschule I. Ordnung der Stadt Osnabrück 1878*. [Osnabrück (Druck von A. Liesecke) 1878]. Qu. (*Gefässpfl. Osnabrück*).

Publ.: Apr 1878 (date of "öffentliche Prüfungen" on 15-16 Apr, Bot. Zeit. 13 Aug 1880), p. [i, cover-t.p.], [iii]-viii, [1]-54, [[55]-62 Schulnachrichten]. *Copies*: B, BKL, GOET. – Issued as 11. Programm der Realschule I. Ordnung der Stadt Osnabrück 1878, Programm nr. 273.

23.923. *Flora des Landdrosteibezirks Osnabrück und seiner nächsten Begrenzung ... Osnabrück* (Verlag von Bernhard Wehberg) 1879. Oct. (*Fl. Landdr. Osnabrück*).

Publ.: 1879 (Bot. Zeit. 20 Jun 1879), p. [i]-lx, [1]-328. *Copies*: B, BM.

Ed. 2: Jan-Apr 1891 (Bot. Centralbl. 20 Mai 1891), ÖBZ Mai 1891, Bot. Zeit. 26 Jun 1891), p. [i]-lxxviii, [1]-378. *Copy*: fide Bot. Centralbl. 46(21/22): 300. 20 Mai 1891 (n.v.).

Buschmann, Adolphine (1908-1989), Austrian botanist, studied at the University of Graz, demonstrator in the Botanical Garden Graz, from 1 Dec 1938 assistant at the botanical institute of the University of Graz, later specialist in *Poa* and *Deschampsia* as well as university lecturer. (*Buschmann*).

HERBARIUM and TYPES: GZU.

BIBLIOGRAPHY and BIOGRAPHY: Futak-Domin p. 131; Kew 1: 439; Roon p. 23.

BIOFILE: Anon., ÖBZ 88(2): 160. 1939 ("ab 1 Dec 1938 als vertragsmäßige wissenschaftlichen Hilfskraft bestellt.").

Fuchs, H.P., Bull. Murith. 109: 127. 1991 (b. 24 Mai 1908, Graz, d. 1 Mar 1989, Graz)

23.924. *Über einige ausdauernde Cerastium-Arten aus der Verwandtschaft des C. tomentosum Linné ... Sonderabdruck aus Fedde, Repertorium ... 1938*. Oct.

Publ.: 10 Jan 1938 (in journal), p. 118-[167], map, pl. 224. *Copies*: L, U. – Reprinted and to be cited from Fedde Repert. spec. nov. 43(15): 118-143 [142-167], map (pl. 244).

Ergänzung: 1 Apr 1939 (date on reprint), p. 33-35. *Copies*: BKL, U. – Id. 46: 33-35. 1939.

23.925. *Zur Klärung des Formenkreises um Poa badensis Haenke ... Sonderabdruck aus der Österreichischen Botanischen Zeitschrift ... Wien* (Springer-Verlag) 1942. Oct.

Publ.: 1942, p. [81]-130. *Copy*: U. – Reprinted and to be cited from ÖBZ 91(2/3): 81-130. 1942.

***Buse, Lodewijk Hendrik** (1819-1888), Dutch botanist and lawyer, born at Haarlem, collected in its surroundings with H.D. Gildemeester Buse, studied law at Utrecht (doctor of laws), moved to Renkum soon after 1845 (the year of the foundation of the Dutch Botanical Society of wich B. was a founder-member), issued *Musci neerlandici* (exsicc.) together with his wife Mrs. Buse-Koppiers, travelled in England and Germany, corresponded with Juratzka and Milde, active in the Dutch Botanical Society until 1865. (*Buse*).

NOTE: The correct spelling of the name of this Dutch botanist is Buse, however, in *Plantae junghuhnianae* (see below) he cites his name with the newly described species as "Büse" which led to some confusion as to what spelling should be used.

HERBARIUM and TYPES: L. (35.000). – Other material at B, BM, FH, FR, MANCH, NBV, W, WRSL (Lich). – His herbarium contains also material from Suriname, not collected by him. – For exsiccatae see TL-2/1: 420.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 273; Backer p. 91; Barnhart 1: 290; BM 1: 292, BM 2: 951 (sub Junghuhn); CSP 7: 310, 13: 938; Hortus 3: 1190; IH 2: 109; JW 1: 440, 2: 91, 108, 4: 380; LS 4524, 25.613; Morren ed. 10, p. 91; SBC p. 117; SK 1: cxlvii, cxlix (handwriting); TL-2/1: 420-421 and see indexes; Urban-Berl. p. 296; Zander ed. 10, p. 642, ed. 11, p. 730.

BIOFILE: Boerlage, J.G., and P.P.C. Hoek, *Bibl. Fl. Fauna Nederland 1753-1886*, in *Alg. Aardrijksk. Bibl. Nederland* 2: 20, 37, 39, 41, 42. 1975.
Kalkman, C., and P. Smit, eds., *Blumea* 25(1): 83, 96. 1979.
Koppe, F., *Abh. naturw. Ver. Bremen* 36: 252. 1969.
Sayre, G., *Mem. New York Bot. Gard.* 19(2): 188-189. 1971 (exsiccatae).
Sirks, M.J., *Indish natuuronderzoek* 97, 105. 1915.
Steenis-Kruseman, M.J. v., *Blumea* 25(1): 41-43. 1979.
Suringar, W.F.R., *Ned. kruidk. Arch. ser. 2*. 5: 376-377. 1891 (obit. note., b. 9 Apr 1819 Haarlem, d. 3 Jan 1888 Renkum).
Wachter, W.H., *Ann. bryol.* 10: 157. 1937 (obit., b. at Haarlem 9 Apr 1819, d. 3 Jan 1888, Renkum).

COMPOSITE WORKS: (1) Co-author of F.A.W. Miquel, *Plantae junghuhnianae*, see TL-2/3: 514 (no. 6107). – See below.

23.926. *Gramineae* exposuit L.H. Buse [Febr. 1854], [*in* F.W. Miquel, *Plantae junghuhnianae*] 1854. Oct. (*Gram.*)
Publ.: Feb 1854 (date on p. 1), p. [1]-54. *Copy*: L. – Preprinted from F.A.W. Miquel, *Plantae junghuhnianae* 3: 341-394. Aug. 1854.

***Buser, Robert** (1857-1931), Swiss (from the Aargau) botanist, educated at the Gymnasium of Aarau, studied at the University of Genève (with Jean Müller Arg.), Zürich (with Oswald Heer) and at Strassbourg (with A. de Bary), curator of the herbarium of de Candolle. (*Buser*).

HERBARIUM and TYPES: G. Further material at BRSL, F, GOET, IBF, L, OXF, TO, WRSL, Z.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 287, 6(1): 383; Barnhart 1: 290; BM 1: 189; Clokie p. 142; CSP 13: 938; DTS 1: 40-41, 6(4): 128; Hegi 4(2): 958; Hortus 3: 1190; IH 2: 109; Kew 1: 439; KR p. 110; Morren ed. 10, p. 110; NW p. 41; TL-2/1: 421 and see indexes; Tucker 1: 129; Zander ed. 10, p. 643, ed. 11, p. 730-731.

BIOFILE: Briquet, J., *Journal de Genève* 1 Apr 1931; *Bull. Soc. bot. Suisse* 50a: 107-110. 1940 (bibl. b. 6 Oct. 1857 at Aarau, d. 29 Mar 1931, Genève).
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Fuchs, H.P., *Bull. Murith.* 109: 127-128. 1991. (b. 6 Oct 1857, Aarau, d. 31 Mar 1931, Genève).

- Lack, H.W. and O.v. Sydow, Willdenowia 13: 416. 1983 (letter in Univ. Bibl. Uppsala).
 Lautenschlager, E., Atlas der Schweizer Weiden (Gattung Salix L.). Basel. 1983. ("Zum
 Andenken an Robert Buser 1857-1931").
 Stieber M.T. et al., Huntia 4(1): 73. 1981 (letter to Alph. de Candolle).
 Wagenitz, G., Index coll. princ. herb. Gotting. 34. 1982.

COMPOSITE WORKS: (1) See E.P. Boissier, *Flora orientalis*, Supplementum editore R. Buser 1888. – Rev.: J.F. Freyn, Bot. Centralbl. 40(49): 330-331. 3 Dec 1889.

(2) [Review by R. Buser on:] *Lexicon generum phanerogamarum ...* Otto Kuntze ... 1904, in Bull. Herb. Boissier ser. 2. 4(12): [1360]. 5 Dec 1904. – See T.E. von Post, TL-2/4: 353-354, no. 8194, second issue.

(3) Das Areal der *A.[chemilla] alpina* sensu latiori, in C. Schröter, Das Pflanzenleben der Alpen 442-444. 1908.

(4) *Alchemilla* L. e.a., in J. Briquet, Prodr. Fl. Corse 2(1): 199-206. 1913.

23.927. *Notes sur quelques Alchimilles critiques ou nouvelles.* Distribuées par la Société Dauphinoise 1re. et 2e séries ... Grenoble (Imprimerie E. Vallier et Cie ...) 1891. Oct.

Publ.: Dec 1891 (on t.p. and on p. 20), cover-t.p., p. [1]-20. Copies: G(2). – Reprinted and to be cited from Bull. Soc. Dauphin. 1892: 1-20. Dec 1891.

Suite [1] *Notes sur plusieurs ... de 1891:* 1892 (p. 8: Oct 1891) p. [1]-8. Copies: B, G(2). – Reprinted and to be cited from C. Magnier, *Scrinia Florae selectae* 11. 1892, see TL-2/5223.

Suite [2] *Notes sur plusieurs ... de 1892:* 1893 p. [9]-19. Copies: G(2). – Reprinted and to be cited from C. Magnier, *Scrinia Florae selectae* 12. 1893, see TL-2/5223.

23.928. *Sur les Alchimilles subnivales* leur ressemblance avec l'*A. glabra* Poir. (fissa Guenth. et Schum.) et leur parallélismes avec les espèces des régions inférieurs ... [Bulletin de l'Herbier Boissier ... 1894]. Oct.

Publ.: Jan 1894 (in journal), p. [1]-15. Copies: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 2(1): 34-48. 1894.

Continuation: Feb 1894 (in journal), p. [15, sic.]-34. Copies: G, U, US. – Id. 2(2): 94-113. 1894.

23.929. *Contributions à la connaissance des Campanulacées ...* Bulletin de l'Herbier Boissier ... 1894. Oct.

Publ.: Aug 1894 (in journal), p. [1]-32, pl. 15-19 (uncol. lith. Buser and Cuisin, with text). Copies: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 2(8): 501-532, pl. 15-19 (with text). 1894.

23.930. *Cypripedium ou Cypripedium?* ... Bull. Herb. Boissier. 1894. Oct.

Publ.: Oct 1894 (in journal), p. [1]-3. Copies: G, MO, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 2(10): 642-644. 1894.

23.931. *Alchimilles valaisannes ...* Zürich ["Zurich"] (Imprimerie Zürcher & Furrer) 1895. Oct.

Publ.: Apr-Aug 1895 (in Jaccard, *Cat. Fl. valais*, see TL-2/3208 q.v.) cover-t.p., p. [i], [1]-35. Copies: G(2). – Reprinted and to be cited from H. Jaccard, *Cat. Fl. valais*, in *Nouv. Mém. Soc. helv. Sci. nat.* 34: 104-139. 1895. – Some of the reprints have "De la part de l'Auteur".

23.932. *Sur quelques Alchimilles du Caucase ...* Bull. Herbier Boissier ... 1896. Oct.

Publ.: Nov 1896 (in journal, introduction signed 7 Nov 1896.), p. [1]-6. Copies: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 4 (11): 756-761. 1896.

23.933. *Quelques remarques au sujet de l'Anacamptis pyramidalis var. Tanayensis* Chenevard ... Bull. Herbier Boissier ... 1897. Oct.

Publ.: Nov 1897 (in journal), p. [1]-3. Copies: G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier 5(11): 1016-1018. 1897.

23.934. *Ueber Alchimilla pubescens* Koch, A. truncata Rchb. und eine neue verwandte Art aus den Tiroler Alpen (A. acutata) ... Separatabdruck aus "Allgemeine Botanische Zeitschrift ... Verlag von J.J. Reiff in Karlsruhe in Baden" ... [1900]. Oct.

Publ.: Feb-Apr 1900 (in journal), p. [1]-6. *Copy*: L. – Reprinted and to be cited from *Allg. Bot. Z.* 1900(2): 25-26. Feb, 41-43. Mar, 57-59. Apr 1900.

23.935. *Les Alchimilles bormiaises* d'après les récoltes (1900) de M. Massimino Longa ... Bulletin de l'Herbier Boissier ... 1901. Oct.

Collector: Massimino Longa (1854-1928), Italian collector, original material at TO, further material at E, G, GH, PAV and Z (IH 2: 458, Ascherson and Graebner, Synopsis 6(1): 144; *Archivio Bot.* 5: 105-107).

Publ.: 30 Apr 1901 (date on p. 461), p. [1]-16. *Copies*: G, U, US. – Reprinted and to be cited from *Bull. Herb. Boissier ser. 2.* 1(5): 461-476. 1901.

23.936. *Les Alchimilles du Crêt de Chalam* ... Bourg (Imprimerie du "Courrier de l'Ain") 1903. Oct.

Publ.: Nov 1903 (date on cover-t.p.), cover-t.p., p. [1]-16. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. Natural. Ain* 13: 21-37. 1903.

Bush, Benjamin Franklin ("Frank") (1858-1937), American botanist, ornithologist, collector, born in Columbus, Indiana, conducted a general store, (at the same time postmaster) at Courtney near Kansas City for forty years, correspondent of Asa Gray and George Engelmann, collected with C.S. Sargent of Harvard 1898-1899, employed to assist the specimens of wood for the Columbian Exposition at Chicago, collected sets of plants for botanical institutions (HH, NY, US), ultimately at Independence, Mo. (*Bush*).

HERBARIUM and TYPES: Major set at HH (p.p. collected with Sargent (400 specimens), NY (5706), US (10.708) and B (1000). – Further material at BUT, CGE, DAU, DBN, DELS, E, F, GB, K, KSC, L, LE, MANCH, MIN, MO, NMC, ND, OKLA, PENN, PH, POM, TEX. Sets distributed: *Plants of Indian Territory* (1894), *Plants of Missouri* (1894-1895), *Plants of Texas* (1901).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 290 (b. 21 Jan 1858, Columbus, Ind., d.14 Feb 1937, Independence, Mo.); BL 1: 193, 194; CSP 13: 938; Hortus 3: 1190; IH 2: 109, 639; Kew 1: 439; Langman p. 172; NAF 28(B)(2): 322; Rehder 5(index): 141; TL-2/5187; Tucker 1: 129; Urban-Berl. p. 335; Zander ed. 10, p. 642, ed. 11, p. 731.

BIOFILE: Anon., *J. New York Bot. Gard.* 38: 69. 1937 (death notice); *Torreya* 37(2): 44. 1937 (obit. note); *New York World Telegram*, Monday, February 15, 1937; *New York Herald Tribune*, Tuesday, February 16, 1937; "Missourians the World knows" (cutting of unidentified journal at NY, portr., details on his collecting).

Palmer, E.J., *Amer. Fern J.* 27: 69-71. 1937 (obit., details on collecting).

Sargent, C.S., *Silva* 7: 110. 1895 (biogr. note).

Stieber, M.T. et al., *Huntia* 4(1): 73. 1981 (letter fragment at HU, on collecting with Sargent).

Sutton, S.B., Charles Sprague Sargent 283. 1920.

COMPOSITE WORKS: (1) *Notes on the botany of some southern swamps ... in Garden and Forest* 10: 514-516. 1897.

(2) Co-author with K.K. Mackenzie, *Man. fl. Jackson County*, Kansas City, Mo., TL-2/5187 (brief descriptions of 1141 species), publ. Jul-Aug 1902. – *Ref.*: W. Trelease, *Bot. Centralbl.* 90(41): 428-429. 15 Oct 1902.

(3) *Notes on trees and shrubs of Missouri*, *Amer. Midl. Naturalist* 10: 133-158. 1926, supplementary notes on 97 species to Tracy's flora, 1886, see TL-2/14.828. – See BL 1: 193.

23.937. *Flora of Jackson County* ... First edition ... Independence; Missouri (Sentinel Book and Job Print ... 1882) Oct. (*Fl. Jackson Cy.*).

Publ.: Dec 1882 (date on t.p.), p. [i]-iv, [5]-20. *Copy*: MO.

First supplement: 1885 (Introd. signed 10 Feb 1885), p. [i]-ii, [3]-8. *Copy*: MO. – *Co-author*: Cameron Mann.

23.938. *Notes on a list of plants collected in Southeastern Missouri in 1893 ...* Missouri Botanical Garden Fifth Annual Report ... St. Louis, MO. (published by the Board of Trustees) 1894. Oct.

Publ.: 27 Apr 1894, in *Ann. Report Missouri Bot. Gard.* 5: 139-153. 1894. – *Copy*: MO, U (in journal).

23.939. *The trees, shrubs and vines of Missouri ...* Jefferson City, MO (Tribune Printing Company, ...) 1895. Oct.

Publ.: 1895, in *Ann. Report State Hort. Soc. of Missouri* 37: 353-393, [i]-v. 1895. – *Copy*: MO (in journal).

23.940. *The Lespedezas of Missouri ...* Transactions of the Academy of Science of St. Louis ... 1902. Oct.

Senior author: Kenneth Kent Mackenzie (1877-1934), see TL-2/3: 227-228.

Publ.: 19 Mar 1902 (date on cover-t.p. and p. 19), cover-t.p., p. 11-19, *pl.* 1-4 (uncol. phot.).

Copy: L. – Reprinted and to be cited from *Trans. Acad. Sci. St. Louis* 12(2): 11-19, *pl.* 1-4. 1902.

23.941. *The North American species of Chaerophyllum [I]. The North American species of Triodia [II] ...* Transactions of the Academy of Science of St. Louis ... 1902. Oct.

Publ.: 9 Jun 1902 (date on cover-t.p., text submitted 6 Jan 1902), cover-t.p., p. [I]: 57-63,

[II]: [64]-77, *pl.* 10-11 (uncol. draw.). *Copies*: BKL, L. – Reprinted and to be cited from *Trans. Acad. Sci. St. Louis* 12(6): 57-77, *pl.* 10-11. 1902.

23.942. *New plants from Missouri ...* Transactions of the Academy of Science of St. Louis ... 1902. Oct.

Senior author: Kenneth Kent Mackenzie (1877-1934), see TL-2/3: 227-228.

Publ.: 9 Jun 1902 (date on cover-t.p., and on p.89), cover-t.p., p. [79]-89, *pl.* 12-17 (uncol.).

Copy: L. – Reprinted and to be cited from *Trans. Acad. Sci. St. Louis* 12(7): 79-89, *pl.* 12-17. 1902.

23.943. *A list of the ferns of Texas ...* Reprinted from *Bulletin of the Torrey Botanical Club ...* 1903. Oct.

Publ.: 11 Jun 1903 (in journal), p. 343-358. *Copy*: BKL. – Reprinted and to be cited from *Bull. Torrey bot. Club* 30(6): 343-358. 1903.

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Publ.: Jan-Mar 1918 (in journal), p. [157]-177. *Copy*: NY. – Reprinted and to be cited from
 Amer. Midl. Natural. 5(7-8): 157-177. 1918.

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Publ.: Jan 1928 (in journal), p. 25-40. *Copy*: NY. – Reprinted and to be cited from Amer.
 Midl. Natural. 11(1): 25-40. 1928.

Busse, Arnold (b. 1887), German botanist, born at 29 Apr 1887 at Schledehausen, Kreis
 Osnabrück, at the Gymnasium of Osnabrück 1901-1902, at the agricultural school at Herford
 1902-1905, at the Oberrealschule I in Kiel 1905-1909, studied at the Universities of Marburg
 and Kiel, Dr. phil. Kgl. Christian-Albrechts-Universität of Kiel 1914, later at the Inst. f.
 Meereskunde Univ. Berlin. (*A. Busse*).

HERBARIUM and TYPES: Unknown.

23.953. *Vergleichende Untersuchungen* der Blumen-, Kelch- und Laubblätter der *Ranunculaceen*.
 Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen
 Fakultät der Kgl. Christian-Albrechts-Universität zu Kiel ... Melle i. Hann. (Buch- und
 Kunstdruckerei von F.E. Haag) 1914. Oct. (*Vergl. Unters. Ranunculaceen*).
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 Medium. ... Berlin (Inst. Meereskunde ...) 1937. Qu. (*Phytoplankt.*).
Publ.: 1937 (Nat. Nov. Aug 1937), p. [1]-59, 1 pl. – Issued as Veröffentl. Inst. Meeresk.
 Univ. Berlin ser. A, 34. 1937. – No copy seen.

Busse, Walter [Karl Otto] (1865-1933), German (Berlin) botanist, studied pharmacy but
 turned to botany at the universities of Berlin and Freiburg i. Br., Dr. phil. Freiburg 1892, (with
 L. Klein), scientific assistant at the Kaiserliche Gesundheitsamt at Berlin, habil. 1900 Univ.
 Berlin as unsalaried lecturer on bacteriology, on a botanical-agricultural expedition to
 German Eastern Africa 1900-1901, at Buitenzorg, Java Oct 1902-Feb 1903, at Usambara
 1903, to Cameroon and Togo 1904, returned to Germany 1905, appointed at the Kais. Biol.
 Anstalt Land-Forstwiss. 1906, government councillor at the Reichskolonialamt (overseas
 ministry) as Privatdozent, travelled in Turkestan 1909, Caucasus and Crimea 1909, in North
 America 1909, Turkey 1910, Geheimer Regierungsrat 1911, Geheimer Oberregierungsrat
 1915, on military duty 1916-1918, from 1919 in retirement but still involved in tropical
 agriculture, died in Rome 15 Dec 1933. (*Busse*).

HERBARIUM and TYPES: B. – Further material at BM, BR, CA, G, HBG, HH, K, L, LY, MO, MPU, P, PH, W, WRSL.

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BIOFILE: Anon., Bot. Centralbl. 81(13): 431. 1900 (habil. Berlin), 86(22): 319. 1901 (returned from Africa to Charlottenburg), 98(22): 592. 1905 (returned from Cameroon and Togo; appt. at Kais. Biol. Anstalt Land-Forstwiss.), 107(25): 656. 1908 (at Reichskolonialamt); Hedwigia 39(3) (Beibl.): (112). 1900 (to German East Afr.), 41(4) (Beibl.): (166). 1902 (to Java) 44(1) (Beibl.): (52). 1904 (to Cameroon and Togo), 45(1) (Beibl.): (38). (Regierungsrat), (39) (returned from Camerun and Togo). 1906, 51(2) (Beibl.): (169). 1911 (Geheimer Regierungsrat), 74(1) (Beibl.): (139). 1934 (died at Rome 15 Dec 1933, "ständiges Mitglied Intern. Agric. Inst. Roma"); ÖBZ 83(1): 80. 1934 (d. at Roma, 15 Dec).

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(3) *Zur Frage der tropischen Versuchsstation in Usambara ...* Tropenpflanzer 5: 270-272. 1901.

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Authors of the series: W. Busse, E. Gilg u. R. Pilger, this publ. by W. Busse.

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Eponymy: Karl Moritz Schumann (1851-1904), see TL-2/5: 400-408.

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23.967. *Kolonial-Wirtschaftliches Komitee. Bericht über die Pflanzenpathologische Expedition nach Kamerun und Togo 1904/1905 ... [Sonderabdruck aus Beihefte zum "Tropenpflanzer" Jahrg. 1906, Nr. 4/5 ...], [Berlin (Gedruckt in der Königlichen Hofbuchdruckerei von E.S. Mittler & Sohn) ...]. Oct. (Pfl.-path. Exped. Kamerun und Togo).*
Publ.: 1906, cover-t.p., p. [i, second t.p.]-iv, [1]-100, pl. 1-4 (uncol. phot.). *Copy*: B. – Issued as "Beihefte zum Tropenpflanzer" 7(4/5). 1906.

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Editor of Vegetationsbilder: Georg Henry Herman Karsten (1863-1937), see TL-2/2: 449-450, and [Johann] Heinrich [Rudolf] Schenck (1860-1929), see TL-2/5: 130-133.
Publ.: 1907, p. [1-18, text], pl. 7-12. *Copy*: U.

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Publ.: 1 (*Zentrales Steppengebiet*): 1907 ["1908"], p. [1-18, text], pl. 40-45. *Copies*: B, U. – Fünfte Reihe, Heft 7.
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23.971. *Die periodischen Grassbrände im tropischen Afrika, ihr Einfluss auf die Vegetation und ihre Bedeutung für die Landeskultur ... Sonderabdruck aus "Mitteilungen aus den Deutschen Schutzgebieten" ... 1908. Qu.*
Publ.: 1908, p. [113]-139, pl. 1-4 (uncol. phot.). *Copy*: L. – Reprinted and to be cited from *Mitt. deut. Schutzgeb.* 2: 113-139, pl. 1-4. 1908.

Butcher, Roger William (1897-1971), British botanist and botanical artist, born at Ashbourne, Derbyshire 1897, studied at the University of London, B.S. 1922, Ph. D. 1931, assistant in the Kew Herbarium, assistant naturalist at Cambridge, Ministry of Agriculture 1925, from ca. 1939-1953 at Bramcote, Notts. with the Trent River Authority, at Fisheries Laboratory, Burnham nr. Crouch 1953-1963, from 1963 in retirement, died at Weymouth, Dorset 13 Oct 1971. (*Butcher*).

HERBARIUM and TYPES: BM, GW (Auchincruive, West of Scotland, College of Agriculture), K, LIV, NMW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 291; BFM 1421; BJI 2: 24; BL 2: 214; Desmond p. 110 (b. 25 Jul 1897, d. 13 Oct 1971); Hortus 3: 1190; IH 2: 110; Kew 1: 441; LS suppl. 4264-4266; NI 307, 307n; Roon p. 23.

BIOFILE: Allen, D.E., *The botanists* 120. 1986.
 Frodin, D.G., *Guide standard floras world* 660 (340a). 1984.
 Jacques, H.J.K., *Proc. Dorset nat. hist. arch. Soc.* 91: 29-30. 1972 (obit.).
 Jermyn, S.T., *Fl. Essex* 20-21. 1974.
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 Kent, D.H. and D.E. Allen, *Brit. Irish herb.* 108. 1984.
 Lousley, J.E., and H.A. Cole, *Watsonia* 9: 175-177. 1972 (obit.).
 McClintock, D., *Wild Fl. Mag.* 363: 38. 1972 (obit. note).
 Prescott, G.W., *Bibl. Desmid. Univ.* 83. 1984.

OUTSIDE OUR PERIOD: *A new illustrated British Flora*, parts 1-2. 1961, 1: [i-viii], 1-1061, 2: [i-viii], 1-1080. *Copies*: B, G, MO.

23.972. *Further illustrations of British plants ...* Ashford, Kent (L. Reeve & Co., Ltd.) 1930. Oct. (*Further ill. Brit. pl.*).

Artist: Florence E. Strudwick.

Publ.: 1930 (*Nat. Nov.* Feb 1931), p. [i]-iv, [v-vii], 1-476. *Copies*: G, HH, MO, NY, U. –

Note: For *Illustrations of British flora*, see W.H. Fitch, TL-2/1798.

Reprint: 1944, p. [i]-iv, [v-viii, see note on p. [vii]: not revised], 1-476. *Copy*: U. –

Ref.: Rendle, A.B., *J. Bot.* 68: 347-349. Nov 1930 (rev.).

Diels, L., *Bot. Jahrb.* 64 (Lit.): 52. 26 Oct 1903. (rev.).

Butler, Bertram Theodore (1872-x), American botanist and geologist, born at Nashua, Iowa, Ph. D. University of New York 1933, professor of science in the Montana Wesleyan University, Helena 1903-1906, city supt. of schools and taught in Glendive High School 1906-1907, and College of city in New York 1909-x. (*B.T. Butler*).

HERBARIUM and TYPES: NY, further material at DS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 292; Ewan ed. 1: p. 176, ed. 2: p. 33 (used by us for our caption); Hortus 3: 1190.

BIOFILE: Barnhart, J.H., *J. New York Bot. Gard.* 12: 122. 1911.

Pennell, F.W. and J.H. Barnhart, *Monogr. Acad. Nat. Sci. Philadelphia* 1: 602. 1935.

23.973. *The Western American Birches ...* New York (The Bulletin of the Torrey Botanical Club) 1909. Oct.

Publ.: 3 Sep 1909 (in journal), cover-t.p., p. 421-440. *Copies*: BKL, NY. – Reprinted and to be cited from *Bull. Torrey bot. Club* 36(8): 421-440. 1909.

Ref.: Krause, K., *Bot. Jahrb.* 49 (Lit.): 61. 1913 (rev.).

Butler, Edwin John (1874-1943), British botanist (mycologist), born in County Clare, Eire, educated at Queens College, Cork, senior scholar 1896, studied medicine, M.B. hons. at the Royal University Ireland 1898 (never practised), travelled to Paris, Freiburg, Antibes and Kew 1899-1900, appointed to the post of cryptogamic botanist to the Government of India, arrived in Calcutta 1901, transferred to Dehra Dunn 1902, idem to Pusa as Imperial mycologist at the new Agricultural Research Institute 1905-1920, returned to England, director of the [then] Imperial Bureau of Mycology 1920-1935, secretary to the Agricultural Research Council 1935-1941, knighted 1939. (*E.J. Butler*).

HERBARIUM and TYPES: IMI, further material in B, PUR.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 157, 230, 287, 305, 323, 328; Desmond p. 110; Kew 1: 441; LS 4545-4556, 31.817-31.832; LS suppl. 4385-4418, 6715; Stevenson p. 1237; Tucker 1: 129.

BIOFILE: Anon., Kew Bull. 1901(169/171): 80. 1901 (appointment to be cryptogamic botanist in India); 1921(1): 30 ("Companion of the most Eminent Order of the Indian Empire"); Gard. Chron. 1921(1): 26 (portr.): 1943(1): 180; Nature 151: 552-553. 1943; Times 6 Apr 1943 (d.). Evans, G., Proc. Linn. Soc. London 155: 294-296. 1944 (detailed obituary, b. 13 Aug 1874, d. 4 Apr 1943 at Esher, Surrey). Mason, E.W., Obit. notices Fellows R. Soc. 4(12): 455-474. Nov 1943.

NOTE: Outside our period: E.J. Butler and S.G. Jones, *Plant Pathology* p. xii, 979, 1949, 1955, and 1961.

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Co-author 1: J.M. Hayman (text with Butler p. [1]-52).

Co-author 2: W.H. Moreland (separate note on *The Relation of weather ...* on p. [53]-58.

Publ.: Jul 1906 (date on t.p.; Nat. Nov. Apr (2) 1907), p. [i], [1]-58, chart, *pl. 1-5* (of which 1-4 col.). *Copies:* B, BR, L, U. – Issued as Mem. Dept. Agric. India, Bot. Ser. 1(2): [i], [1]-58, chart, *pl. 1-5*. 1906.

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Publ.: Jul 1906 (date on t.p.; Nat. Nov. Apr (2) 1907), cover-t.p., *pl. 1* (col. lith.), p. [i, t.p.], [1]-53, *pl. 2-11* (pl. 5 col., 2-4, 6-11 uncol.). *Copies:* BM, BR, L, U. – Issued as Mem. Dept. Agric. India, Bot. Ser. 1(3): [i], [1]-53, *pl. 2-11*. 1906.

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Publ.: Oct 1911 (date on cover-t.p., Nat. Nov. Dec (2) 1911), cover-t.p., p. [1023]-1035. *Copy:* L. – Reprinted and to be cited from Ann. Bot. 25(100): 1023-1035. 1911. – See ING 1: 55. 1979.

23.980. *Fungi and disease in plants.* An introduction to the diseases of field and plantation crops, especially to those of India and the East ... Calcutta and Simla (Thacker, Spink & Co.) 1918. Oct. (*Fungi disease pl.*).

Publ.: 1918 (preface Mar 1918), p. [i]-iv, [v-vi], [1]-547. *Copies:* BR; IDC 7450.

Reprint: 1973 (n.v.).

23.981. The Imperial Council of Agricultural Research. *The Fungi of India* ... Calcutta (Government of India Central Publication Branch) 1931. Oct. (*Fungi India*).

Co-author: Guy Richard Bisby (1889-1958), see TL-2/1: 219, and suppl. 2: 174-175.

Publ.: Oct 1931 (date on t.p.), p. [i*-ii*], [i]-xviii, [1]-237, folded map. *Copies:* B, NY. – Issued as Scientific Monograph no. 1. The Imperial Council of Agricultural Research.

Supplement: 1938, see B.B. Mundkur, *Fungi of India Supplement 1*, Delhi 1938, TL-2/6544.

Revised ed.: 1960 (printer's mark 4 Jun 1960), p. [i*-ii*], [i]-ix, [xi], map, 1-552, suppl. 1-2 (518 p.). *Copy:* L. – Revised by R.S. Vasudeva. – New Delhi (issued by The Indian Council of Agricultural Research). – Chief editor: Prem Nath. Printed in India, Delhi 1960. Oct. – 1000 copies published.

Butler, George Dexter (1850-1910), American lawyer and botanist, born in Morris, Grundy County, Illinois, studied law at the University of Iowa, Iowa-City, admitted to the bar in Iowa, teacher in Arkansas and Indian Territory, admitted to the bar in California 1896, practicing law as his main profession, took up botany studying the native Siskiyou County (Cal.). (*G.D. Butler*).

HERBARIUM and TYPES: UC (1918, Calif.), further material at DS, F, IND, MO, NMC, POM, RPM, US.

MANUSCRIPT: 1 vol. at Pomona College, Dept. Bot. Libr.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 292; IH 2: 110.

BIOFILE: Jepson, W.L., Madroño 1(13): 188-190. 1928 (biogr., portr., b. 17 Aug 1850, d. 3 Oct 1910, Yreka, Cal.).

Lack, H.W. and O.v. Sydow, Willdenowia 13: 416. 1983 (letters to Keck at UPS-UB).

Pennell, F.W. and J.H. Barnhart, Monogr. Acad. nat. sci. Philadelphia 1: 602. 1935 (coll. in California, Iowa, Oklahoma).

23.982. *The species of Isoetes of Indian Territory.* – *Isoetes melanopoda* J. Gay ... Botanical Gazette ... 1878. Oct.

Publ.: Jan 1878 (in journal), p. [1]-2. *Copy:* L. – Reprinted and to be cited from Bot. Gaz. 3(1): 1-2. 1878.

Butters, Frederick King (1878-1945), American botanist, attended the Central High School at Minneapolis until June 1895, entered the College of Science, Literature and the Arts of the University of Minnesota ("Scientific course") 1895-1899 (with Conway Macmillan) at the Department of Botany, at Harvard University 1899-1900, A.B. spring 1900, Ph. D. Harvard 1917, instructor for botany and pharmacy at the University of Minnesota 1901-1910, asst. professor for botany 1910-1919, assoc. professor 1919-1934, from 1934 professor. (*Butters*).

HERBARIUM and TYPES: MIN. – Further material at HH, LAM, MO, NY, field notes at MIN.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 192 (b. 8 Feb 1878); CSP 13: 947; Ewan ed. 1: 176-177, ed. 2: 34; Hortus 3: 1190; IH 2: 110, 555; Kew 1: 442; LS 4558-4559; LS suppl. 4428; NAF ser. 2. 1: 31; NW p. 41; TL-2/ 4128, 9522-9527; Tucker 1: 129.

BIOFILE: Abbe, E.C., Rhodora 50: 133-144. 16 Jun 1948 (obit., portr., bibl., major source). Anon., Amer. men sci. ed. 7. 259. 1944.

- Dörfler, I., *Botaniker Adressbuch*, ed. 3. 320. 1909 (instructor in Botany, Univ. Minnesota).
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(3) Rosendahl, C.O. and F.K. Butters, *Guide to the ferns and fern allies of Minnesota*, see TL-2/9524.

(4) Clements, F.E. et al., *Minnesota trees shrubs* 1912, see TL-2/9525, rev. by N.T., *Torreya* 13(1): 17-19. 8 Jan 1913, and F.G., *Bull. Soc. bot. France* 61 (1-4) (Bibl.): 139. 25 Apr 1944.

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23.983. *Observations on Rhodymenia ...* From *Minnesota Botanical Studies ...* 1899. Oct.
Publ.: 29 Dec 1899 (in journal), cover-t.p., p. 205-213, *pl. 20* (uncol. liths. draw.). *Copy*: L.
 – Reprinted and to be cited from *Minnesota Botanical Studies* 2(3): 205-213, *pl. 20*. 1899.

23.984. *Observations on Trichogloea lubrica ...* [*Minnesota Botanical Studies ...* 1903]. Oct.
Publ.: 21 Mar 1903 (in journal), p. 11-21, *pl. 5* (uncol. phot.), *pl. 6* (uncol. draw.). *Copy*: L.
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23.985. *Notes on the species of Liagora and Galaxaura of the Central Pacific ...* *Minnesota Botanical Studies ...* 1911. Oct.
Publ.: 15 Sep 1911 (in journal), cover-t.p., p. [161]-184, *pl. 24*. *Copy*: L. – Reprinted and to be cited from *Minnesota Botanical Studies* 4(2): 161-184, *pl. 24*. 1911.

23.986. *Reputed Minnesota plants which probably do not occur in the state ...* [*Minnesota Botanical Studies ...* 1916]. Oct. (*Reputed Minnesota pl.*).
Senior-author: [Carl] Otto Rosendahl (1875-1956), see TL-2/4: 890-892.
Publ.: 24 Aug 1916 (date on cover-t.p.), cover-t.p., p. [461]-473. *Copy*: L, NY. – Reprinted from *Minnesota Bot. Stud.* 4(4): 461-473. 1916, published 20 Sep 1916 according to the date mentioned in journal.

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Publ.: [I]: 11 Oct 1917 (in journal), cover-t.p., p. [169]-207. – Reprinted and to be cited from *Rhodora* 19(225): 169-207. 1917. – *The genus Athyrium ...*
 2 (addition, in same cover): p. 207-216, *pl. 123* (uncol. phot.). – Id. 19(225): 207-216, *pl. 123*. 1917.

Copies: L, HH, MIN, MO, U.

Issued (11 Oct 1917) as *Contr. Gray Herb. ser. 2. 51*.

23.988. *On the occurrence of Pinus Banksiana in Southeastern Minnesota ...* Reprinted from *The Plant World ...* 1918. Oct.

Co-author: [Carl] Otto Rosendahl (1875-1956), see TL-2/4: 890-892.

Publ.: Mai 1918 (in journal and on p. 107 of reprint), p. 107-113. *Copy*: NY. – Reprinted and to be cited from *Plant World* 21(5): 107-113. 1918.

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Authorship: [Carl] Otto Rosendahl (1875-1956), see TL-2/4: 890-892, *senior-author*; Frederic K. Butters; Olga Lakela (1890-x), see TL-2/2: 727-728, this title TL-2/4128. *Additon: Copy:* U. *Ref.:* Sandwith, N.Y., Kew Bull. 1937(7): 408. 20 Oct 1937 (rev.).

Butterworth, John (fl. 1897-1900), British palaeobotanist at Manchester, published some papers through the Lit. Phil. Soc. Manchester. (*J. Butterworth*).

HERBARIUM and TYPES: Unknown.

NOTE: Not to be confused with John T. Butterworth, b. 8 Oct 1856, Middleton, Lanc., England, d. 31 Mai 1927, an orchid grower.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 294; Kew 1: 442.

23,990. IX. Some further investigations of *fossil seeds* of the genus *Lagenostoma* (Williamson) from the Lower Coal Measures, Oldham ... [Memoirs and Proceedings of the Manchester Literary & Philosophical Society (Manchester Memoirs) ... Manchester (36, George Street)] 1897. Oct. (*Foss. seeds Lagenostoma*).

Publ.: 20 Mai 1897 (date on p. [1] of reprint; read 23 Feb 1897), p. [1]-4, *pl.* 8 (uncol. phot.).

Copies: KNAW, U. – Issued as Mem. Proc. Manchester Lit. Phil. Soc. 41(9): 1-4, *pl.* 8. 1897.

Buwalda, Pieter (1909-1947), Dutch botanist born in Exmorra, Friesland, studied at the University of Groningen, graduated (Ph. D.) 1936, assistant at the rubber plantation Bantardjaga near Rangkasbitong in Batam, Java, Indonesia 1937, later in 1937 employed by the Dutch East Indian Forest Service at the disposal of the Director of the Forest Research Institute, Buitenzorg/Bogor 1937-1939, stationed at Rengat, Indragiri, Sumatra 1939, in the Dutch East Indian Army 1941, to be transferred to Buitenzorg/Bogor Herbarium, but died on leave of absence at Haren, Groningen, Netherlands. (*Buwalda*).

HERBARIUM and TYPES: BO. – Further material at BZF, GRO, HH, L.

MANUSCRIPT: Steenis-Kruseman, M.J. van, Fl. males. ser. 1: cxlix. 1950.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 293; IH 2:110; Kew 1:443; SK 1: 95-96 (detailed info. q.v., basis of our caption).

BIOFILE: Reed, C.F., Bibl. fl. S.E. Asia 24. 1969.

Steenis, C.G.G.J. van, Fl. males. Bull. 1: 31. 1947 (d. 28 Apr 1947 at Haren, Groningen, Netherlands).

Witt, H.C.D. de, Fl. males. 1(4): cliii, clvi, cxlviii, clviii. 1949.

23,991. The *Umbelliferae of the Netherlands Indies* ... *Blumea* ... (Rijksherbarium), Leiden, 1936. Oct. (*Umbell. Neth. Ind.*).

Publ.: 18 Dec 1936 (in journal), p. [119]-220. *Copies:* B, L. – Preprinted from *Blumea* 2(3): 119-220. 18 Dec 1936. – Thesis Ph. Dr. 1936.

Thesis: 1 Dec 1936 (date of defense thesis) p. [i-vii], 1-102, 2 p. theses. *Copy:* U. – Id.

Buxbaum, Franz (1900-1979), Austrian botanist, specialist of the Cactaceae and Liliaceae, born at Liebenau near Graz, educated at a "Volksschule" and a "Staatsgymnasium" at Graz, on active duty 1918, studied botany at the University of Graz with K. Fritsch, Dr. phil. ib. 10 Oct 1922, assistant with R. v. Wettstein at the Botanical Institute of the University of Vienna 1923-1926, travelled in Tunisia 1924, unemployed 1926-1930, studied again at Graz for the teaching profession, teacher at the Bundesrealgymnasium Fürstenfeld 1930, "Habilitation" 1937, on active duty 1939-1945, professor at the Bundesrealschule Judenburg 1949, *venia docendi* for systematic botany University Graz 1954-1968, privately active on his work on Cactaceae 1968-1979. (*Buxb.*).

HERBARIUM and TYPES: ZSS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 293 (b. 25 Feb. 1900, Neu-Bistritz); BFM 2264; Hortus 3: 1190; Kew 1: 443; LS suppl. 4432; TL-2/see indexes; Zander ed. 10, p. 643, ed. 11, p. 731.

BIOFILE: Anon., *Cact. Succ. J. Los Angeles* 25(6): 157. 1953, 32(2): 61. 1960; *Silva-Nachr.*, Zürich 1959(7): 7; *Cact. Succ. J. Gr. Brit.* 41(2): 25. 1979; *Cact. Succ. J. U.S.* 51(2): 63. 1979, 51(3): 108. 1979; *Kakt. Orchid. Rundschau* 3: 44. 1979 (d); *in Kürschn. Deut. Gelehr.-Kal.* 1980: 520.

Bravo, H. and H. Sanchez-Megorada, *Nachrichten ZFA Kakteen-Sukkul.* Dresden 1979: 3.

Donald, J., *Nation. Cact. Succ. J. U.K.* 34(2): 40. 1979.

Gutte, G., *Literatursch. Kakt.* 4: vi, viii. 1980 (portr.).

Janchen, E., *Richard Wettstein* 182. 1933.

Kladiwa, L., *Kakt. Sukk.* 16(4): 78-79. 1965.

Krainz, H., *Kakt. Sukk.* 30(5): 109. 1979 (obit.).

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Leuenberger, B.E., *Willdenowia* 10(1): 87-105. 1980 (biogr., bibl., portr.); *Cact. Succ. Mex.* 26(2): 42-48. 1981 (portr., bibl., in Spanish).

Otte, V., *Kakt. Sukk.* 11(7): 110-111. 1960.

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23.992. *Diagnosen neuer Pflanzen aus Süd-Brasilien I.* ... Sonderabdruck aus der "Österreichischen Botanischen Zeitschrift" ... 1924. Oct.

Publ.: Apr-Jun 1924 (in journal), p. [119]-122. *Copy*: B. – Reprinted and to be cited from *ÖBZ* 73(4-6): 119-122. 1924.

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23.993. *Vergleichende Anatomie der Melantheroideae* ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1925. Oct.

Publ.: 1925 (mss. submitted Jul 1923, sic; *Nat. Nov.* Dec 1925), cover-t.p., p. [i], [1]-79, [80], pl. 19-32 on 7 p. (uncol. liths.). *Copies*: L, U; IDC 135-136/746. – Issued as *Repert. spec. nov. regni veg. Beih.* 29, 1925.

23.994. *Beitrag zur Flora von Tunesien* ... Ergebnisse einer Reise nach Tunesien im Frühjahr 1924, II., von Bruno Schussnig und Franz Buxbaum ... [*Verh. zool. bot. Ges. Wien* ... 1927]. Oct.

Travel companion: Bruno Schussnig (1892-1976), see TL-2/5: 410-411.

Note on I. *Beitrag*: F. Buxbaum, Die Biene als Honigdieb bei *Justicia Adhatoda* L., *in Biologia Generalis* 2: 104 (nos. 1-2). 1926.

Publ.: 1927 (mss. submitted 3 Aug 1926), cover (identif.), p. [34]-76. *Copies*: B, L. – Reprinted and to be cited from *Verh. zool. bot. Ges. Wien* 76: 34-76. "1926" (i.e. 1927).

23.995. *Nachträge zur Vergleichenden Anatomie der Melantheroideae I.* ... Sonderabdruck aus "Beihefte zum Bot. Centralbl. ..." 1927. Dresden-N. (Verlag von C. Heinrich) 1927. Oct.

Publ.: 1927, p. [255]-263. *Copy*: B. – Reprinted and to be cited from *Beih. Bot. Centralbl.*, Abt. I, 44(3): 255-263. 1927.

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Publ.: 1937, p. [293]-296. *Copy*: U. – Reprinted and to be cited from *ÖBZ* 86(4): 293-296. 1937.

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Publ.: I. *Die Wurmbaeoideae*: 1937, cover-t.p., p. [213]-293. *Copy*: B. – Reprinted and to be cited from *Bot. Archiv* 38: 213-293. 1937.

II. *Die systematische Stellung der Gattung Gagea*: 1937, cover-t.p., p. [305]-398. *Copy*: B. – *Id.* 38: 305-398. 1937.

Buysson [Viscount], **Robert du** (fl. 1883-1893), French cryptogamist and entomologist at Moulins. (*Buyss.*).

HERBARIUM and TYPES: PC. – Further material in BM-Héribaud.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 293; BM 1: 294; CSP 14: 699 (as Du Buysson); SBC p. 117.

BIOFILE: Sayre, G., *Bryologist* 80(3): 505. 1977.

23.998. *Monographie des cryptogames vasculaires d'Europe ... I-III ...* Moulins (Imprimerie Étienne Auclair ...) 1888 [-1893]. Oct. (*Monogr. crypt. vasc. Europe*).

Publ.: 1: (*Equisétinées*): Jan-Nov 1888, cover-t.p., p. [1]-44, *pl. 1-2* (with text, uncol. liths., drawings auct.). – Reprinted and to be cited from *Rev. Sci. Bourb. Centre France* 1(1): 1-7.

Jan, (2): 38-45. Feb, (6): 112-121. Jun, (9): 201-210. Sep, (11): 245-254, *pl. 1-2*. Nov 1888.

2: (*Filicinées*): Feb-Sep 1890 (on t.p.; *Bull. Soc. bot. France* rd. 28 Nov 1890), cover-t.p., p. [1]-82, *pl. 5-6* (with text). – *Id.* 3(2): 37-54. Feb, (4): 99-107. Apr, (6): 147-157. Jun, (7): 170-180. Jul, (9): 221-231, *pl. 5-6*. Sep 1890.

3 (*Lycopodinées*): Oct-Dec 1893 (on t.p., *Bot. Zeit.* 16 Apr 1894), cover-t.p., p. [1]-19. – *Id.* 6(10): 173-182. Oct, (11-12): 189-196. Nov-Dec 1893.

Copies: B, G, L.

Caballero y Segarés, Arturo (1877-1950), Spanish botanist, born in Cenicero, educated at the Colegio de Santo Tomás at Logroño, studied at the Faculty of Sciences of the University of Madrid, Lic. 1898 (botany), with the Herbarium of the Jardín Botánico Madrid from 1905, Dr. 1911 at Madrid University, dedicating himself to the flora of Spain. (*Caball.*).

HERBARIUM and TYPES: MA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 294; BFM 1573; BL 1: 44, 2: 480, 493, 495, 501, 502; BM 6: 167; Bossert p. 62; IH 2: 111; Kew 1: 446; LS suppl. 4437-4442; NI p. 158; Stevenson p. 1238.

BIOFILE: Alvarez Lopez, E., *Anales Inst. bot. Cavanilles* 1 (*Anal. Jard. bot. Madrid* 10): 5-24. 1951 (biogr., bibl., portr.).

Dörfler, I., *Botaniker-Adressbuch* ed. 3. 284. 1909.

Frodin, G.D., *Guide standard floras world* 581. 1984.

Hunt Institute, *Biogr. Dict. bot. portr. coll.* 62. 1972 (d. 9 Sep 1950).

Pannero, E., *Catálogo de plantas recogidas por D. Arturo Caballero en Guadeloupe (Cáceres)* 1948-1949, *Anales Inst. bot. Cavanilles* 1 (*Anal. Jard. bot. Madrid* 10): 25-73. 1951, 75-119. 1951 (*Sp. nov. de A. Caballero*).

Stieber, M.T. and A.L. Karg, *Huntia* 5(3): 93. 1984 (letter in HU, ex. E.P. Killip papers).

OUTSIDE OUR PERIOD: *Ilustraciones de la flora endémica española*. *Anal. Jard. bot. Madrid* 1: 201-220, *pl. 1-13*. 1941, 2: 266-347. 1942, 3: 328-381. 1943, 4: 459-491. 1944, 5: 523-557. 1945, 6(2): 549-591. 1946, 7: 655-691. 1947 (1948), 8: 523-579. 1948. (BL 2 p. 480, q.v.).

23.999. *Enumeración de las plantas herborizadas en el rif ...* *Memorias de la Real Sociedad española de Historia natural ...* 1915. Oct.

Publ.: 1915 (on p. 1/241: 1914, p. 52/292: mss. signed 1 Feb 1915), p. [1]-52. *Copy*: KNAW.

– Reprinted from *Memor. R. Soc. esp. Hist. nat.* 8, *Memoria 6-a*, p. 241-292. 1914 (publ. 1915). – BL 1: 44, BM 6: 167.

24.000. *Excursión botánica a Melilla en 1915 ...* Madrid (Junta para ampliación de estudios e investigaciones científicas ...) 1917. Oct. (*Exc. bot. Melilla*).

Publ.: 30 Sep 1917 (date on t.p.), cover-t.p., p. [1]-39, *pl. 1-2* (uncol.). *Copies*: B, U. – Issued as *Trab. Mus. Nac. Ci. Nat.*, ser. Bot. 11, Madrid. – BL 1: 44.

24.001. *Datos botánicos del territorio de Ifni ...* Madrid (Junta para ampliación de estudios e investigaciones científicas ...) 1935. Oct.

Publ.: [1]: 10 Mar 1935 (date on t.p.), p. [1, cover-t.p.]-36, [37], *pl.* 1-3 (1 col. 2-3 uncol.).

Copies: L, U, Entom. Ver. A'dam. – Issued as Trab. Mus. Nac. Ci. Nat., ser. Bot. 28, Madrid. 2: 10 Mai 1935 (date on t.p.), p. [1, cover-t.p.]-33, *pl.* 1-7. *Copies*: L, U. – Issued as Trab. Mus. Nac. Ci. Nat., ser. Bot. 30, Madrid.

Note: see BL 1: 44.

24.002. *Flora analítica de España ...* S.A.E.T.A ... Madrid (Sociedad anónima española de traductores y autores General Mola, 31. – Madrid) 1940. Oct. (*Fl. anal. Esp.*).

Publ.: Mai-Jun 1940 (printed [note on p. 618] 6 Mai 1940), p. [i, cover-t.p.]-xiv, [xv], 1-[618].

Copies: L, U. – BL 2: 480.

Cabanès, Jean-Gustave (1864-1944), French lichenologist, born at Vergèze, Gard, educated at Congénies, became school-teacher, first position at the École normale primaire at Nîmes, second position (3 years) at Villeneuve-les-Avignon, ultimately at Nîmes, director of the Musée Hist. nat. Nîmes, from 1923 honorary custodian ib. (*Cabanès*).

HERBARIUM and TYPES: Musée Hist. nat. Nîmes, further material at MP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 294; BL 2: 149-150; GR p. 61, 270 (major source), 309; LS 4568-4569, LS suppl. 4443; Tucker 1: 130.

BIOFILE: Granel de Solignac, L. et al., *Naturalia Monspel. sér. Bot.* 26: 27. 1976 (material at MP in herb. J. de Vichet).

24.003. *Lichens observés dans les environs de Nîmes ...* Extrait du Bulletin de la Société d'étude des sciences naturelles de Nîmes ... [Nîmes 1901]. Oct.

Publ.: 1901 (see Bot. Centralbl. 89(6): 158. 1902), 23 p. – Reprinted from Bull. Soc. étude Sci. nat. Nîmes 1901 (“1900”), see also Abbé Hue; paper received by Soc. bot. France 27 Dec 1901). – No copy seen.

Ref.: Hue, Abbé, Bot. Centralbl. 89(6): 158. 11 Feb 1902.

24.004. *Herborisations dans le Gard en 1902 ...* [Nîmes 1903]. Oct.

Publ.: 1903 in Bull. Soc. étude Sci. nat. Nîmes 31: 57-77. 1903, fide Tucker 1: 130. – No copy seen.

Cabejszekówna [Cabesjszek], Irena (1910-1972), Polish hydrobiologist and phycologist. (*Cabejsz.*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Prescott, G.W., *Bibl. Desmid. Univ.* 84. 1984.

Siemińska, J., *Wiad. Bot.* 17(3): 135-140. 1973 (portr.,bibl.).

VanLandigham, S.L., *Cat. Diat.* 4: 2293. 1937.

24.005. *Materialy do znajomości planktona roślinnego Polesia. część I. zbiorniki wodne zahorynia. – Matériaux pour servir à la connaissance du phytoplankton des reservoirs d'eau de la Polesie. Partie I. Le Zahorynie ...* Suwalki (Extrait des archives d'Hydrobiologie et d'Ichtyologie) 1937 [-1939]. Oct.

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[2]: 1939, publ. in Arch. Hydrobiol. Rybactwa 12(1-2): 97-114. 1939 (No reprint seen).

Cabrera, Angel Lulio (1908-x), Argentine botanist at the Museo de La Plata, specialist on Compositae, Doctor en ciencias naturales, retired 1983 as director of the Instituto Botánica Darwinion, San Isidro. (*Cabrera*).

HERBARIUM and TYPES: LP. – Further material in B, F, HH, K, M(Lich.), MO, MUM, NA, NY, PH, S, SI, SP, U, US, USFS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 295; Hortus 3: 1190; IH 2: 111 (birth year erroneous); Kew 1: 446-449; Roon p. 23.

BIOFILE: Anon., Taxon 32(4): 705. 1983 (retirement from dir. LP).

Cabrera, A. L., Questionnaire for botanical taxonomists, (in file TL-2, b. 19 Oct 1908).

Castellanos, A. and R.A. Perez-Moreau, Lilloa 7: 327, 328, 329, 366, 382, 390, 398. 1941.

Frodin, D.G., Guide standard Floras world 581. 1984.

Hertel, H., Mitt. Bot. Staatssamml. München 16: 352. 1980 (Lich at M).

King, R.M. and H. Robinson, Phytologia 23(1): 151. 1972 (“Neocabreria”).

Parodi, L.R., Bol. Soc. Argent. bot. 9: 46, 53, 57. 1961 (coll.).

Perez-Moreau, R.A., Bibl. geobot. Patagonica, Buenos Aires 39. 1965.

NOTE: Not to be confused with his father, Angel Cabrera, 1879-1960 (zoologist and palaeontologist), (see also Barnhart 1: 295).

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(2) *Neocabreria* (Compos.) 1972, commemorative name, see ING 2: 1159. 1979.

(3) *Flora de la Provincia de Buenos Aires VI. Compuestas* by A.L. Cabrera, XIV, 443 p., 143 pl. Buenos Aires 1963, see also Taxon 13: 297. 13 Nov 1964. – The series *Fl. Prov. Buenos Aires* was edited by Cabrera.

(4) *Revisión del género Mutisia* (Compositae), by A.L. Cabrera, 227 p., map, Opera Lilloana no. XIII, Tucuman, Argentina 1965, see Taxon 15: 331. 1966.

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 6: 18 Aug 1944 (date on p. 228), p. [i], [191]-228. *Copy*: U. – Id. 9, Bot. no. 45. 1944.
 7: 1 Aug 1950 (date on p. 115), p. [i], 71-115. *Copy*: U. – Id. 15, Bot. no. 75. 1950.
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Follow-up: *Adiciones a las Compuestas del Parque nacional del Nahuel Huopí* ... La Plata 1942. Oct.
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Publ.: 1939 (stamp in reprint dated 3 Jul 1939), cover-t.p., p. [i], [181]-189, *pl.* 1-3 (uncol. phot.). *Copies*: L, NY. – Reprinted and to be cited from *Lilloa* 4: 181-189. 1939.
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Cacciamali, Gio Battista (1856-1934), Italian professor of natural history, especially strati-graphy, at the Liceo di Brescia. (*Cacciamali*).

HERBARIUM and TYPES: Unknown.

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Cadet de Gassicourt, Charles Louis Félix (1789-1861), French botanist, living in Paris. (*Cadet de Gass.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 295 (b. 11 Oct 1789, Paris, d. Dec 1861 ib.); BL 1: 252; CSP 1: 753; PR p. 50, ed. 1: 1608-1609; Rehder 5(index): 143; TL-2/4: no. 9741a; Tucker 1: 130.

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Publ.: 1811, issued in *Bull. Pharm. Paris* 3: 479-480. 1811 (fide Rehder 3: 476. 1915) (n.v.).

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24.035. *Dissertations sur les Euphorbiacées* ... *J. Pharm. Paris* ... 1824. Oct.
Publ.: 1824, *J. Pharm. Paris* 10: 170-178. 1824. – Fide Rehder 3: 514. – Texts from W.E.E. Conwell, *Recherches sur les propriétés médicinales* ... 1824 and A. de Jussieu, *De Euphorbiacearum generibus* ... 1824, q.v.

***Cadeval[l] y Diars, Juan** (1846-1921), Catalanian botanist, born at Castelligalí, Barcelona, educated at the college San Ignacio de Manresa y Tarrasense and studied at the University of Barcelona, Dr. ci. nat. 1873, teacher at the college Tarrasense as professor of nat. hist., physics and geometrics 1870, later agronomist in the province of Barcelona, wrote numerous botanical works on the environment of Barcelona. (*Cadevall*).

HERBARIUM and TYPES: BC (4000); further material in E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 295 (b. 23 Jun 1846, Barcelona, d. 9 Nov 1921); BFM 1514; BL 2: 295, 497, 501; BM 6: 168; CSP 9: 419, 13: 5; IF 4: 117; IH 2: 111; Kew 1: 450 TL-2/1: 422, see J. Sallent y Gotés; Tucker 1: 130.

BIOFILE: Anon., Encicl. Univ. ill. 10: 313-314. 1930 (b.23 Jun 1846).

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Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 66. 1970.

24.036. *Flora del Vallés ...* Barcelona (tip. Jaime Jepús) 1897. Qu. (*Fl. Vallés*).

Publ.: 1897 (Bot. Centralbl. 30 Dec 1897), p. [1]-138 (*copyn.v.*). – Published in the *Memorias de la Academia de los años de 1894-1896*: 1-138. 1897. – See also BL 2: 497.

24.037. *Colores y aromas florales ...* Barcelona (Establecimiento tipográfico de A. López Robert, ...) 1902. Qu. (*Col. arom. flor.*).

Publ.: Oct 1902 (date on t.p.), p. [1]-18. *Copy*: KNAW. – Issued as *Mem. R. Acad. Ci. Art. Barcelona ser. 3. 4(27)*: 355-372. 1902.

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Publ.: [1]: Apr 1906 (date on t.p., mss. read 11 Nov 1905), p. [1]-22. *Copy*: KNAW. – Issued as *Mem. R. Acad. Ci. Art. Barcelona ser. 3. 5(22)*: [i-ii], 453-472. 1906.

[2]: Jan 1907 (id., mss. read 30 Nov 1906), p. [1]-24. *Copy*: KNAW. – Issued id. ser. 3. 6(5): [i], 35-56. 1906.

[3]: Jan 1908 (id., mss. read 28 Nov 1907), p. [1]-22. *Copy*: KNAW. – Issued id. ser. 3. 6(26): [i], 425-444. 1908.

[4]: Apr 1909 (id., mss. read 27 Feb 1909), p. [1]-35. *Copy*: KNAW. – Issued id. ser. 3. 7(14): [i-ii], 545-577. 1909.

[5]: Apr 1910 (id., mss. read 26 Jan 1910), p. [1]-37. *Copy*: KNAW. – Issued id. ser. 3. 8(13): [i], 229-263. 1910.

24.040. *Las Carlinas de Cataluña un híbrido litigiosa ...* Barcelona (Sobs. de López Robert y C.^a ...) 1915. Oct. (*Carlinas Cataluña*).

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***Caels, Theodor Peter** (1739-1819), Belgian physician and botanist, born at Louvain [Leuven], Dr. med. Bruxelles 1774. (*Caels*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 297 (b. 19 Sep 1739, Louvain, d. 12 Dec 1819, Bruxelles); BM 1: 296; Dryander 3: 542; Jackson p. 272; Kew 1: 450; LS 4572; PR 1410, ed. 1: 1611; Rehder 3: 270; TL-2/1: 422-423; Tucker 1: 130.

BIOFILE: Baillon, H.E., Dict. bot. 1: 543. 1878.

Crépin, F., Guide bot. Belg. 223, 426. Dec 1877/Jan 1878.

NOTE: *De Belgii plantis*, TL-2/941, further copies: BR, HH. – BM 1: 296. – Also issued in Bruxelles, Acad. roy. Sci., Mém. sur les Questions ... qui ont remportés les prix ... 1774. (BM 1: 268).

***Caffin, Jacques-François** (1778-1854), French physician and botanist, born at Saumur, studied medicine at Angers and Paris (1805), practising medicine at Saumur, dedicating himself also to botany, ultimately at Saint Lambert-des-Levées. (*Caffin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 297; PR 1411, ed. 1: 1615; Rehder 1: 119; TL-2/1: 423.

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Ratier, J. gén. méd. Franç. Étrang. 80(8): 271-272. Aug 1822 (rev.).

Virey, J.J., J. Pharm. Soc. Acc. (Paris) 9(2): 71-73. Feb 1822.

***Cafilisch, Jakob Friedrich** (1817-1882), German botanist and teacher at Augsburg, born in Herbishofen bei Memmingen, educated at the Latin school at Memmingen, at the teacher's seminary at Altdorf 1836-1838, teacher at Leipzig, Neu-Ulm and Augsburg, definitive teacher at the school of St. Jakob and St. Ulrich in Augsburg 1842-1861, in early retirement because of failing eyesight (*Cafilisch*).

HERBARIUM and TYPES: M, further material at BR, HH, KIEL, W(Orch).

NOTE: The information on the works of Cafilisch available to us was incomplete.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 587; Barnhart 1: 297; BM 1: 296; CSP 1: 754, 7: 320, 12: 137, 14: 7; DTS 1: 41-42; Futak-Domin p. 131; Hegi 4(2): 795; IH 2: 111, Jackson p. 300; PR 1412; Rehder 1: 353, 357, 4: 23, 31; TL-2/1: 423-424.

BIOFILE: Anon., Bot. Zeit. 40(32): 537. 11 Aug 1882 (d. 10 Mai 1882, Augsburg), 626. 15 Sep 1882 (note); Bot. Centralbl. 10(25): 455. 1882 (d. 10 Mai 1882, "tüchtiger Phanerogamen-, besonders Rubus-Kenner").

Britten, J., J. Bot. 21: 381. 1883 (d.).

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Lack, H.W. and O.v. Sydow, Willdenowia 13: 416. 1983 (letter to Keck at UPS-UB).

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1852: Jahresbericht etc. 5: 3-6. 1852 (*in Flora v. Augsburg*: (1)-4).

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1856: Id. 9: 50-52. 1856.

1860: Id. 13: 139-142. 1860 (with Carl Roger).

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1879: Id. 25: [87]-91, in 25. Ber. naturhist. Ver. Augsburg 1879, “*Beiträge zur Flora von Augsburg*”.

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Publ.: [1]: 1871, p.[i], [129]-175. Copy: G. – Reprinted and to be cited from Jahresber. naturhist. Ver. Augsburg 21: 129-175. 1871.

[2]: 1873, p. [167]-175. Copy: B. – Id. 22: 167-175. 1873.

24.044. *Nachträge zur Flora von Schwaben und Neuburg, insbesondere der Umgebung von Augsburg* ... [Jahresber. Naturhist. Ver. Augsburg ...] 1875. Oct.

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R., ÖBZ 28: 276-277. 1878 (rev. ed. 1).

Note: Amended text for TL-2/944.

Cahn, Jakob (1898-x), Riga born 23 Oct 1898, at the “Ober-Realschule” until 1915, studied agriculture at the Riga “Polytechnikum” 1915-1918, at the “Technische Baltische Hochschule” at Riga 1918-1919, id. at Albertus-Universität at Königsberg, studied “zwei Semester” botany 1921. (*J. Cahn*).

HERBARIUM and TYPES: Unknown.

24.046. *Neue Untersuchungen über die Stipa-Granne*. Inaugural-Dissertation zur Erlangung der Doktorwürde der Philosophischen Fakultät der Albertus-Universität zu Königsberg i. Pr. ... Königsberg i. Pr. (Buchdruckerei Johann G. Gallathe, ...) 1921. Oct. (*Neue Unters. Stipa-Granne*).

Publ.: 1921 (mss. signed 21 Jul 1921, rd. by BKL 28 Dec 1929), p. [1]-52, 1 “Tabelle”. Copy: BKL.

Cahn, Regina (1896-x), Riga born 4 Apr 1896, at the Riga Gymnasium until 1914, at a “Volksschule” as “Kindergärtnerin” 1915-1916, studied architecture 1916, teacher at a german school in Riga 1917-1918, at the Techn. Balt. University 1918-1919, continued her

study in Königsberg 1919-1921 at the Albertus-Universität, final examination in 1921. (*R. Cahn*).

HERBARIUM and TYPES: Unknown.

24.047. *Untersuchungen über die Regeneration der Sproßspitzen von Elodea*. Inaugural-Dissertation zur Erlangung der Doktorwürde der Philosophischen Fakultät der Albertus-Universität zu Königsberg i. Pr. ... Königsberg i. Pr. (Buchdruckerei Johann G. Gallathe, ...) 1921. Oct. Publ.: 1921 (mss. signed Jul 1921, rd. by BKL 28 Dec 1929), p. [1]-26, 1 pl. (uncol. phot.). Copy: BKL.

***Cailliaud, Frédéric** (1787-1869), French traveller and mineralogist, born in Nantes, studied mineralogy, went to Paris 1809, sent out to Egypt exploring upper Egypt 1815, later sent out on a further archeological expedition to the oasis Siouah and Nubie, curator of the Musée d'histoire naturelle in Nantes from 1836. (*Caill.*).

HERBARIUM and TYPES: MPU. – See TL-2/1: 424.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 297 (b. 9 Jun 1787 in Nantes, d. 1 Mai 1869 ib.); BM 1: 296-297; CSP 1: 760-761, 7: 321; IH 2: 111; Kew 1: 451; Lasègue p. 440, 504; PR 1415, ed. 1: 1618; Quenstedt p. 70; Rehder 1: 487; TL-1: 70; TL-2/1: 424; Tucker 1: 130, 768.

BIOFILE: Anon., Actes Soc. Linn. Bordeaux 27: xxiv. 1869; Bot. Not. 1871: 36 (states d. 1 Mai 1870 (sic)); Bot. Zeit. 28(18): 295. 1870 (obit.); Grand Larousse encyclopédie 2: 498-499. 1960 (brief biogr.).

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Vallot, J., *Bull. Soc. bot. France* 29: 175. 1882.

Zittel, K.A. von, *Gesch. Geol. Paläont.* 19. Jahrh. 559. 1899.

Caillon, H. (1835-x), French tax collector at Mothe-St.-Heray (D.S.), born at Feniaux (D.S.). (*Caillon*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Souché, B., *Fl. Haut Poitou* (2. partie), *Mat. Géogr. Bot. reg. Niort* 1901: ix. (b. 2 Nov 1835).

24.048. *À la recherche du Scilla bifolia ...* Extrait du Bulletin de la Société botanique des Deux-Sèvres ... 1905. Oct.

Publ.: 1905, p. [207]-209. Copy: G. – Reprinted and to be cited from *Bull. Soc. bot. Deux-Sèvres* 1905: 207-209.

***Cain, Roy Franklin** (1906-x), Canadian botanist born near Paris, Ontario, studied botany at the University of Toronto, BA 1930, MA 1931, Ph. D. 1933, class assistant ib. 1928-1932, technical assistant, ultimately professor of botany at the cryptogamic herbarium of Toronto 1932-1975. (*Cain*).

HERBARIUM and TYPES: TRTC (crypt. orig.); further material at BPI, BUT, CUP, DAOM (personal coll.), DPU (now NY), FH, HH, IAC, MICH, NY, TRT, UC, W, WIS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 297 (b. 23 Sep 1906, near Paris, Ont.); Bossert p. 62; IH 2: 111; Kew 1: 451; NW p. 42; Roon p. 23; SBC p. 117; Stevenson p. 1238; TL-2/1: 424.

BIOFILE: Anon., *Taxon* 24(4): 553. 1975 (retirement on 30 Jun 1975).

Hunt Institute, *Biogr. dict. bot. portr. coll.* 62. 1972.

Rogers, D.P., *Brief hist. mycol. N. Amer. ed.* 2. 66, 77. 1981.

Cain, Stanley Adair (1902-x), American botanist, studied at Butler University, B.S. 1924, id. University of Chicago, M.S. 1927, ib. Ph. D. 1930, associated professor at Butler University 1925-1931, asst. prof. Indiana University 1931-1933, research associate at Waterman Institute 1933-1935, professor at University Tennessee 1935-1946, botanist at Cranbrook Inst. Sci. 1946-1950, chairman dept. conservation id. 1953-1961, conservation and direction of the Inst. Environ. Qual. 1950-1974. (*S.A. Cain*).

HERBARIUM and TYPES: TENN (3000); further material in B, IU, ND, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 297 (b. 19 Jun 1902, Madison, Indiana); BFM 1612, 1635; BL 1: 215; IH 2: 111.

BIOFILE: Anon., *Amer. men women sci., biology*: 114. 1977.

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Note: See also his *Ecological studies of vegetation of the Great Smoky Mountains of North Carolina and Tennessee*, *Bot. Gaz.* 91(1): 22-41. 1931.

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Publ.: Dec 1930 (date on cover-t.p.), cover-t.p., p. 177-209. *Copy*: NY. – Issued as Butler Univ. bot. Stud. 1(13). 1930.

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Publ.: Jul 1935 (in journal), cover-t.p., title [recto of p. 566], p. 566-584. *Copies*: BKL, MO. – Reprinted and to be cited from *Amer. Midl. Natural.* 16(4): 566-584. Jul 1935. – Study I. was published in *Bot. Gaz.* 91(1): 22-41. 1931.

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24.054. *Andropogonetum Hempsteadi*: a Long Island grassland vegetation-type ... Notre-Dame, Ind. (The University Press) 1937. Oct.

Co-authors: Mary Nelson, Walter McLean.

Publ.: Mai 1937 (date on cover-t.p.), cover-t.p., t.p. [recto of p. 334], p. 334-350. *Copy*: BKL. – On cover-t.p. author printed as "Sidney A. Cain" [sic]. – Reprinted and to be cited from *Amer. Midl. Natural.* 18(3): 334-350. 1937.

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Co-author: Wm.T. Penfound (b. 8 Nov 1897).

Publ.: Mar 1938 (date on t.p.), cover-t.p., title [recto of p. 390], p. 390-416. *Copies*: BKL, MO. – Reprinted and to be cited from *Amer. Midl. Natural.* 19(2): 390-416. 1938.

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24.058. *Bryophytic unions of certain forest types of the Great Smoky Mountains* ... Reprinted from "The American Midland Naturalist" ... 1938. Oct.

Co-author: Aaron John ["Jack"] Sharp (1904-x), see TL-2/5: 551.

Publ.: Sep 1938 (date on t.p.), cover-t.p., p. 249-301. *Copies*: B, Gr-V, MO. – Reprinted and to be cited from *Amer. Midl. Natural.* 20(2): 249-301. 1938.

Caius, Jean Ferdinand (1877-?), French botanist and professor at the Collège Saint François-Xavier de Bombay. (*Caius*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Burkill, I.H., Chapters on the History of botany in India 139. 1965.

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24.059. A study of *Indian medicinal plants*. *Holarrhena antidysenterica* Wall. ... Calcutta (Thacker, Spink & Co.) 1927. Oct. (*Indian medic. pl.*).

Co-author: K.S. Mhaskar.

Publ.: Mai 1927 (date on cover-t.p.), cover-t.p., p. [i-iii], 1-61, *pl.* 1-7 (uncol. phot.). *Copy*: U. – Issued as Indian medical research memoirs no. 6.

24.060. The *medicinal and poisonous sedges of India* ... Reprinted from the Journal of the Bombay Natural History Society ... 1935. Oct.

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Publ.: 1 Dec 1935 (date on cover-t.p.), cover-t.p., p. [1]-[21]. *Copy*: BKL. – Reprinted and to be cited from *J. Bombay Nat. Hist. Soc.* 38(2): 341-361. 1935.

- 24.062.** *The medicinal and poisonous grasses of India ...* Reprinted from the Journal of the Bombay Natural History Society ... 1936. Oct.
Publ.: 15 Apr 1936 (date on cover-t.p.), cover-t.p., p. [1]-[45]. *Copy:* BKL. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 38(3): 540-584. 1936.
- 24.063.** *The medicinal and poisonous orchids of India ...* Reprinted from the Journal of the Bombay Natural History Society ... 1936. Oct.
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Publ.: 15 Dec 1937 (date on cover-t.p.), cover-t.p., p. [1]-[18]. *Copy:* BKL. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 39(4): 712-729. 1937.
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- 24.070.** *Medicinal and poisonous plants of India: Waterlilies, Poppyworts, Fumitories ...* Reprinted from the Journal of the Bombay Natural History Society ... 1938. Oct.
Publ.: Dec 1938 (date on cover-t.p.), cover-t.p., p. [1]-[15]. *Copy:* BKL. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 40(3): 513-527. 1938.
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Publ.: Mai 1939 (date on cover-t.p.), cover-t.p., p. [1]-[20]. *Copy:* BKL. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 40(4): 693-712. 1937.
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Publ.: Aug 1939 (date on cover-t.p.), cover-t.p., p. [1]-[20]. *Copy:* BKL. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 41(1): 123-142. 1939.

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Cajander, (Kalela), Aarno (Aino Aarno Antero), Finnish botanist after 1935 Aarno Kalela (1908-1977). (*A. Cajander*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 298; Collander p. 72, 218-220 (“Kalela”); Kew 1: 452; LS suppl. 4466.

BIOFILE: Anon., Progr. install. Univ. Helsing. 1946, 6 p. (n.v., see Collander p. 218).

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Publ.: shortly after 23 Feb 1935 (date of printing on p. [ii], preface signed 7 Dec 1934), p. [i*], [i]-v, [1]-117. *Copies:* B, HH, NY, U. – Issued as Ann. bot. Soc. zool.-bot. fenn. Vanamo 5(5). 1935. – Finnish abstract on p. 114-117. – Collander et al. no. 7.

Cajander, Aimo Kaarlo (1879-1943), Finnish botanist, matriculated 1896, Bachel. phil. 1901, Ph. D. Helsinki 1903, studied at the University of Munich 1904, amanuensis at the Botanical Museum, Helsinki University 1901, assistant ib. 1902-1903, lecturer in botany 1904, teacher natural sciences at Evo forest school 1904, graduated from Evo forest school 1906, headmaster and forester ib. 1907-1908, professor of silviculture 1911-1934, professor of mensuration and survey 1913-1927, director general Forest Service 1918-1943. (*Cajander*).

HERBARIUM and TYPES: H. – Further material at C. – Cone herbarium, collected by A.K. Cajander, Risto Sarvas e.a., is in HSI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 298; BJI 2: 24-25; BL 2: 636 (index); Collander p. 65-72; Collander Hist. p. 154 (index); Futak-Domin p. 131; GR p. 615 (b. 4 Apr 1879, Nystad, d. 21 Jan 1943, Helsinki); IH 2: 111; KR p. 113; LS 4581; Rehder 1: 368, 2: 101; Saelan p. 64-65; Tucker 1: 130-131.

BIOFILE: Anon., Bot. Not. 25: 150. 1899; Professori A.K. Cajander 50-vuotias (50-th birthday), Acta Forestalia Fenn. 34: 9-11, 12-14, 15-17, 18-21, 22-24. 1929.

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Wittrock, V.B., Acta Horti Berg. 3(3): 92, pl. 120. 1905 (portr.).

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NOTES: (1): See A.J. Mela, *Lyhkäinen kasvioppi ja kasvio ... 1877*, ed. 5 (1906), text to be attributed to A.K. Cajander.

(2): *Forest types and their significance*, Acta Forestalia Fenn. 56: 1-71. 1949.

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Publ.: 1900, p. [1]-13. Copy: B. – Reprinted and to be cited from Medd. Soc. Fauna Flora Fenn. 26: 172-184. 1900. – Virtanen no. 3, Saelan no. 6. – On the southeastern limit of the Fenno-Scandinavian Flora.

Ref.: BL 2: 77.

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Publ.: 1901 (mss. signed 1 Dec 1901), p. 24-34. Copy: B. – Reprinted and to be cited from Medd. Soc. Fauna Flora Fenn. 27: 24-34. 1901. – Virtanen no. 11, Saelan no. 7.

Ref.: Anon., Bot. Not. 1901: 81-82.

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Publ.: 1902 (mss. read 1 Feb 1902; Nat. Nov. Mai (1) 1903), p. [1]-16. Copies: U; IDC 8553. – Issued as Acta Soc. Fauna Flora Fenn. 23(1): 1-16. 1902. – Virtanen no. 13, Collander et al. no. 17.

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Publ.: 1902, p. [1]-146, map. Copy: U. – Issued as Acta Soc. Fauna Flora Fenn. 23(2): 1-146. 1902. German excerpt p. 143-146: “Floristische Untersuchungen in den Kirchspielen

Mynämäki, Mietoinen und Karjala". – Virtanen no. 12, Collander et al. no. 10.
 Ref.: BL 2: 65.

24.085. Eine naturwissenschaftliche *Reise im Lena-Thal ... Fennia ...* [Helsingfors (Kuopio ... K. Malmströms boktryckeri) 1903]. Oct. (*Reise Lena-Thal*).

Co-author: Robert Bertil Poppus (1876-1916), see Barnhart 3: 100.

Publ.: 1903, cover (identif.), p. [1]-44. *Copies:* B, KNAW, L. – Issued as *Fennia* 19(2), 1902. – Virtanen no. 18, Collander et al. no. 20.

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Publ.: 1903, p. [1]-8. *Copy:* KNAW. – Issued as *Fennia* 20(4). 1903. – Virtanen no. 19, Collander et al. no. 21.

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2 (Die Alluvionen des Onega-Thales): 1905, p. [i-iii], [1]-55, *pl. 1 (map)*. *Copy:* U. – Id. 33(6). 1905. – Virtanen no. 28, Collander et al. no. 36.

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Ref.: Diels, L., *Bot. Jahrb.* 33(Lit.): 15-18. 1 Dec 1903 (detailed rev. of no. 1), 48(Lit.): 7-8. 27 Feb 1912 (rev. of no. 3).

24.088. Beiträge zur Kenntniss der *Vegetation der Hochgebirge zwischen Kittilä und Muonio ... Fennia ...* [Helsingfors] 1903. Oct.

Publ.: Dec 1903 (mss. signed December, 1903, Virtanen lists this for 1903; a later date, 1904, is also possible), p. [1]-37. *Copy:* KNAW. – Issued as *Fennia* 20(9). 1903. – Virtanen no. 15, Collander et al. no. 23.

24.089. Studien über die *Vegetation des Urwaldes am Lena-Fluss ...* Helsingfors (Druckerei der finnischen Literatur-Gesellschaft) 1904. Qu. (*Veget. Urwald. Lena-Fluss*).

Publ.: 1904 (p. iii, mss. dated Dec 1903, t.p. has "1904", *Allg. Bot. Z.* 15 Sep 1904), cover-t.p., p. [i, iii], [1]-40. *Copies:* B, U(KNMI). – Issued as *Acta Soc. Sci. Fenn.* 32(3). 1904. – Virtanen no. 24, Collander et al. no. 26.

Ref.: A.K., *Allg. Bot. Z.* 10: 135. 15 Sep 1904 (brief rev.).

24.090. Ein Beitrag zur *Entwicklungsgeschichte der nordfinnischen Moore ... Fennia ...* 1904. Oct. (*Entw.-Gesch. nordfinn. Moore*).

Publ.: 1904, cover (identif., date), p. [1]-37, *1 table*. *Copies:* B, FAS(B), KNAW. – Issued as *Fennia* 20(6). 1904. – Virtanen no. 17, Collander et al. no. 22.

24.091. Beiträge zur *Entwicklungsgeschichte der europäischen Moore ... Fennia ...* [1905]. Oct.

Publ.: 1905 (read 11 Nov 1904), cover, p. 1-6. *Copies:* B, KNAW. – Issued as *Fennia* 22(1). 1905. – Virtanen no. 27, Collander et al. no. 35.

24.092. *Ueber Waldtypen ...* Helsingfors [Fennia] 1909 [-1921]. Oct.

Publ.: [1]: 1909 (date on t.p.), p. [i*-ii*], [i]-iv, [3]-175. *Copies:* KNAW, L. – Issued as *Fennia* 23(2), 1909 and as *Acta Forestalia Fenn.* 1(4). 1909. – Virtanen no. 54, Collander et al. no. 49.

2: 1921 (read 25 Feb 1921), cover-t.p., p. [i] (t.p.), [1]-77. *Copies:* B, KNAW, L. – Issued

- as Fennia 43(3) and as Acta Forestalia Fenn. 20(1). 1921. – Virtanen no. 256, Collander et al. no. 119(1,2). – *Co-author*: Yrjö Ilvessalo.
Ref.: Diels, L., Bot. Jahrb. 48(Lit.): 6. 27 Feb 1912 (rev. of [1])
 Krause, K., Bot. Jahrb. 58(Lit.): 23. 1 Dec 1922 (rev. of 2).
- 24.093.** *Studien über die Moore Finnlands ...* Helsingfors 1913. Oct. (*Stud. Moore Finnl.*).
Publ.: Dec 1913 (p. [vi]: Nov 1913 date of mss.), cover-t.p., p. [i-vi], map, [1]-24, map, 25-48, table, 49-78, col. map, 79-208, pl. 1-20 (uncol. phot.). *Copies*: KNAW, L. – Issued as Fennia 35(5). 1913. – Also issued as Acta Forestalia Fenn. 2(3). 1913. – Virtanen no. 140, Collander et al. no. 72.
Ref.: Kalle Airaksinen, Metsätal. Aikak. 31: 410-416. 1914 (rev.).
 Huttunen, E., Luonnon Ystävä 18: 127-128. 1914 (rev.).
 Diehls, L., Bot. Jahrb. 51(Lit.): 62. 16 Jun 1914 (rev.).
- 24.094.** *Zur Frage der gegenseitigen Beziehungen zwischen Klima, Boden und Vegetation ...* Helsinki 1921. Oct. (*Bezieh. Klima, Bod. Veg.*).
Publ.: 1921, p. [1]-32. *Copies*: B, G, KNAW, L. – Issued as Acta Forestalia Fenn. 21(1). 1921. – Virtanen no. 258, Collander et al. no. 128.
Other reprint in “Sonderabdrücke aus Acta Forestalia Fennica 21,” Helsinki 1921, [1: Zur Frage ...].
- 24.095.** *Zur Kenntnis der Einwanderungswege der Pflanzenarten nach Finnland ...* Helsinki 1921. Oct. (*Einwand.-wege Pfl.-arten Finnland*).
Publ.: 1921, p. [1]-16. *Copies*: B, G, KNAW, L. – Issued as Acta Forestalia Fenn. 21(2): 1921. – Virtanen no. 259, Collander et al. no. 121.
Other reprint in “Sonderabdrücke aus Acta Forestalia Fennica 21,” Helsinki 1921, [2: Zur Kenntnis der Einwanderungswege ...].
- 24.096.** *Einige Reflexionen über die Entstehung der Arten insbesondere innerhalb der Gruppe der Holzgewächse ...* Helsinki 1921. Oct. (*Refl. Entsch. Art.*).
Publ.: 1921, p. [1]-12. *Copies*: B, G, KNAW, L. – Issued as Acta Forestalia Fennica 21(3). 1921. – Virtanen no. 252, Collander et al. no. 122.
Other reprint in “Sonderabdrücke aus Acta Forestalia Fennica 21,” Helsinki 1921, [3: Einige Reflexionen ...].
- 24.097.** *Ein pflanzengeographisches Arbeitsprogramm, in Erinnerung an Johan Petter Norrlin ...* Helsingfors 1921. Oct. (*Pfl.-geogr. Arbeitsprogr.*).
Publ.: 1921, p. [1]-28. *Copies*: G, U; IDC 8553. – Issued as Acta Soc. Fauna Fl. Fenn. 49(4). 1921. – Virtanen no. 251, Collander et al. no. 117.
- 24.098.** *Zur Begriffsbestimmung im Gebiet der Pflanzentopographie ...* Sonderabdruck aus den Acta Forestalia Fennica ... 1920. Oct. (*Begriffsbest. Pfl.-topogr.*).
Publ.: 1922, p. [1]-8. *Copies*: B, G, KNAW, L. – Issued as Acta Forestalia Fenn. 20(2). 1922. – Virtanen no. 264, Collander et al. no. 125.
- 24.099.** *Einige Hauptzüge der pflanzengeographischen Forschungsarbeit in Finnland ...* Vortrag gehalten in der Jahresversammlung der Finnischen Akademie der Wissenschaften am 10 April 1922 ... Sonderabdruck aus “Acta Forestalia Fennica” ... Helsinki 1923. Oct.
Publ.: 1923, cover-t.p., p. [1]-31. *Copies*: B, G, L. – Issued as Acta Forestalia Fenn. 23(11). 1923. – Virtanen no. 268, Collander et al. no. 130.
- 24.100.** *Der Anbau ausländischer Holzarten als forstliches und pflanzengeographisches Problem ...* Sonderabdruck aus den “Acta Forestalia Fennica” ... 1923. Oct. (*Anbau ausländ. Holzarten*).
Publ.: 1923, cover-t.p., p. [1]-15. *Copies*: B, G, HH, L. – Issued as Acta Forestalia Fenn. 24(1). 1923; see also Mitt. deut. Dendrolog. Ges., Jahrb. 1924: 13-19. – Virtanen no. 267,

Collander et al. no. 131.

Ref.: Krause, K., Bot. Jahrb. 59(Lit.): 69. 1 Aug 1924 (rev.).

24.101. *Der gegenseitige Kampf in der Pflanzenwelt ...* Zürich (Verlag von Rascher & Co.) 1925. Oct.

Publ.: 1925 (mss. signed 31 Jan 1925), cover-t.p., p. 665-675. Copy: B. – Reprinted and to be cited from Festschrift Carl Schröter. Veröff. Geobot. Inst. Rübél, Zürich Heft 3. – Virtanen no. 282, Collander et al. no. 139.

24.102. *The theory of forest types ...* (Reprinted from *Acta forestalia fennica* 29 ...) Helsinki 1926. Oct. (*Theory for. typ.*).

Publ.: 1926, cover-t.p., p. [i-iii], [1]-108, 1 unnumb. table. Copy: L. – Issued as *Acta Forestalia Fenn.* 29(3). 1926. – Virtanen no. 301, Collander et al. no. 151.

Cajander (Kalela), Olawi (Eino Antero Olawi) (fl. 1934), Finnish botanist. (*O. Cajander*).

BIBLIOGRAPHY and BIOGRAPHY: Collander p. 73, 222 (“Kalela”).

24.103. *Viljavan Mau-Alan jakantumisesta sekä lehtokasvillisuudesta ja kasvistusta keskisen längelmäveden seudulla ...* *Silva fennica* 1934. Oct.

Publ.: 1934, p. [1]-37 (German summary [31]-37). Copy: L. – Reprinted and to be cited from *Silva fennica* 34: 1-37. 1934. – Collander et al. no. 1.

Cake, Wallace Ellwood (fl. 1922), American botanist and chemist, at the Laboratory of Plant Chemistry of the Department of Botany, University of Michigan, Ann Arbor. (*Cake*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 298 (name only).

24.104. *The carbohydrate content of the seed of Asparagus officinalis L. ...* Reprinted from the *Journal of Biological Chemistry ...* 1922. Oct.

Co-author: Bartlett, Harley Harris (1886-1960), see TL-2/1: 125-126 and suppl. 1: 344-347. Publ.: Mar 1922 (date on cover-t.p.; rd. for publ. 27 Dec 1921), cover-t.p., p. 93-102. Copy: FAS(B). – Reprinted and to be cited from *J. Biol. Chemistry* 51(1): 92-102. 1922.

Calcara, Pietro (1819-1854), Italian biologist, studied at the University of Palermo, scientist, later professor of botany and zoology at this same university. (*Calcara*).

HERBARIUM and TYPES: FI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 298 (b. 16 Feb 1819, Palermo, d. 24 Aug 1854, Villatata near Palermo); BL 2: 390; BM 1: 297; IH 2: 112; Jackson p. 318; Kew 1: 452; PR 1417-1419; Rehder 1: 88, 430, 431, 4: 86; Saccardo 1: 41, 42, 2: 26, cron. xviii; Tucker 1: 131.

BIOFILE: Hooker, J.D., Hook. London *J. Bot.* 6: 480. 1847 (herb).

24.105. *Sui boschi della Sicilia memoria ...* Palermo (Dalla Stamperia Solli ...) 1848. Oct. (*Boschi Sicilia*).

Publ.: 1848 (read 16 Apr and 4 Jun), p. [1]-28. Copy: NY.

24.106. *Florula medica siciliana* o esposizione delle piante indigene medicinali ... opera che fa seguito all'ultima edizione delle farmacopee di Campana con aggiunte di Michelotti ... Palermo (presso Francesco Abate ...) 1851. Duod. (in half sheets). (*Florula med. sicil.*).

Publ.: 1851 (p. viii signed 1 Jan 1845), p. [i*-ii*], [i]-viii, [1]-220. Copies: B, NY.

Ref.: BL 2: 390.

Calder, Charles Cumming (1884-1962), Scottish botanist, born at Edinkillie, Morayshire, studied at the University of Aberdeen, B.Sc. 1908, FLL 1912, assistant ib. with J.H.W. Trail 1908-1912, curator of the Herbarium Calcutta Botanic Gardens 1912-1923, director of the Botanical Survey of India 1923-1937, also superintendent of Cinchona cultivation in Bengal. (*C.C. Calder*).

HERBARIUM and TYPES: Iraq plants at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 299; Desmond p. 113 (main source); IH 2: 235; Kew 1: 452.

BIOFILE: Anon., *Hedwigia* 66(2) (Beibl.): (119). 1926 (apptd. director Bot. Surv. India etc.); Kew Bull. 1912: 109, 1925: 433.

Besse, M. and H. Schinz, *Verh. Schweiz. naturf. Ges. St. Gallen* 89: 144-147. 1906 (bibl.). Blakelock, R.A. and R.E. Guest, *Fl. Iraq* 1: 109, 112. 1966 (C. made collections in Iraq between 1917-1919 along R. Tigris from Bagdad to Mosul, 330 specim. BM).

Frodin, D.G., *Guide standard floras world* 808, (408a). 1984.

Gager, C.S., *Brooklyn Bot. Gard. Record* 27(3): 261. 1938.

COMPOSITE WORKS: Co-author with K. Biswas, *Handbook of common water and marsh plants of India and Burma*, 1937, see TL-2, suppl 2: 179.

24.107. The species of *Oxalis* now wild in India and a new Indian Vernonia by C.C. Calder ... On *Trichodesma indicum* R.Br. and *Trichodesma amplexicaule* Auctt. A new Indian Impatiens. A new *Habenaria* by L.J. Sedgwick ... Calcutta (Superintendent Government Printing, India) 1919. Oct.

Publ.: Jan 1919 (in journal), cover-t.p., p. [i-ii], 325-345, *pl. 1-11* (loose uncol. liths.), [Sedgwick:] 347-352, [353-354, index]. *Copy*: U. – Reprinted and to be cited from *Rec. Bot. Survey India* 6(8): 325-354. 1919.

24.108. *List of species and genera of Indian phanerogams* not included in Sir J.D. Hooker's *Flora of British India* ... Delhi (Periodical Expert Book Agency) Dehradun (International Book Distributors [1926]. 1978. Oct.

Co-authors: V. Narayanaswami and M.S. Ramaswami.

Publ.: 1978, p. [i]-ii, [1]-157. *Copy*: FAS(B).

Note: This is the facsimile edition of a publication in *Records bot. surv. India* 11(1) of 1926.

The original was issued together with C.E.C. Fischer, *Loranthaceae of Southern India and their host plants*.

Ref.: Anon., *Taxon* 28: 466. Aug 1979.

Calderon, Salvador (1884-1940), Salvadorian botanist, chief of the Agricultural botany of Salvador, collected large sets of Salvador plants in collaboration with Paul C. Standley of the Field Museum for the *Flora of El Salvador*. (*S. Calderon*).

HERBARIUM and TYPES: TECLA (herbarium), further material in BM, F, HH, K, MO, NY, S, US (2469 orig.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 299 (d. 9 Nov 1940); IH 2: 112; Kew 1: 453.

BIOFILE: Anon., *New York Times* 9 Nov 1956 (fide Barnhart).

Frodin, D.G., *Guide standard floras world nos.* 161a, 233. 1984.

Verdoorn, F., *Chron. bot.* 6(8): 188. 1941 (brief note, obit.).

24.109. *Datos sobre el viaje botánico de los profesores Paul C. Standley y Samuel J. Record a Costa Rica y Guatemala en 1925-1926* ... San Salvador (Imprenta Nacional) [1926] (single binding). (*Datos viaje bot. Standley*).

Publ.: 1926, cover-t.p., 5 unnumb., uncol. phot., p. [1]-33. *Copy*: G.

***Caldesi, Lodovico** (1822-1884), Italian politician and botanist (mycologist) at Faenza, member of the roman costituante 1849, of the national parliament 1866, idem of the departemental and communal assemblies 1859-1884. (*Caldesi*).

HERBARIUM and TYPES: FI; further material in W, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 385; Barnhart 1: 299 (b. 9 Sep 1821, Faenza, d. 2 Jun 1884, Faenza); BL 2: 351, 636; Bossert p. 63; CSP 7: 322, 12: 138; De Toni 1: xviii; GR p. 515; GR, cat. p. 61; Hegi 1: 153; IH 2: 112; Jackson p. 148; LS 4584-4586; Morren ed. 10, p. 83; Saccardo 1: 42, 2: 26 (different dates), cron. xviii; TL-2/1: 425, and see no. 7361; Tucker 1: 131; Zander ed. 10, p. 643, ed. 11, p. 731.

BIOFILE: Anon., ÖBZ 34: 270. 1884; Bot. Gaz. 9(10/11): 178. 1884 (d.); Rev. Bot. [Morot] 3: 286. 1885, 4: pl. facing p. 76, 1886 (portr.); Bot. Not. 1885: 64 (d.); Nat. Nov. 4: 149. 1886.

Sayre, G., *Bryologist* 80(3): 505. 1977. (coll. FI).

Steinberg, C.H., *Webbia* 32(1): 20, 61. 1977.

COMPOSITE WORKS: (1) *Primulaceae*, in T. Caruel, *Flora italiana* 8(3).

(2) See O. Mattirollo, *I funghi ipogei italiani ...* Torino 1903. – Author used material collected by Caldesi, see TL-2/5698.

24.II0. Di una nuova *Polygala a fiore giallo*, ... Estratto dal Nuovo Giornale botanico Italiano ... 1879. Oct.

Publ.: Apr 1879 (in journal), p. [1]-2. *Copy*: G. – Reprinted and to be cited from Nuovo Giorn. bot. Ital. 11(2): 188-189. 1879.

24.III. *Flora faventinae tentamen*, Nuovo Giornale botanico Italiano ... 1879-1880. Oct.

Publ.: in journal: Nuovo Giornale botanico Italiano 11: 321-347. Oct 1879, 12: 84-132. Apr, 161-196. Jul, 257-290. Oct 1880. – No reprint seen.

Ref.: BL 2: 351.

Prichoda, ÖBZ 30: 376. 1 Nov 1880.

24.II2. Sulla *Bellevalia Webbiana* Parl. nota ... Estratto dal Nuovo Giornale botanico Italiano 1883. Oct.

Co-author: Konrad Herrman Heinrich Christ (1832-1933), see TL-2/1: 500-501.

Publ.: Oct 1883 (date on p. [327]), p. [327]-331, pl. 9 (uncol. lith.). *Copy*: G. – Reprinted and to be cited from Nuovo Giorn. bot. Ital. 15(4): 327-331, pl. 9. 1883.

Caldwell, Otis William (1869-1947), American botanist (plant morphologist) born at Lebanon, Indiana, B.S. at Franklin College 1894, Ph.D. at University of Chicago 1898, assistant-botanist ib. 1897-1899, head of the department of biology at East Ill. Nor. Sch., associate prof. of botany at University of Chicago 1907-1913, id. prof. and dean at University College 1913-1917, LLD 1917, prof. of education Teachers College, Columbia, 1917-1935, emer. prof. 1936. (*O.W. Caldwell*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 299 (b. 18 Dec 1869, Lebanon, Ind.); BJI 2: 25.

BIOFILE: Anon., Amer. men sci. ed. 7: 266. 1944; Who's who in America 25: 374. 1948-1949. Castellanos, A. and R.A. Perez- Moreau, Lilloa 6: 123. 1941.

Hunt Institution, Biogr. dict. bot. portr. coll. 63. 1972 (b. 18 Dec 1869, Lebanon, Indiana, d. 5 Jul 1947, New Milford, Connecticut).

Stieber, M.T. and A.L. Karg, *Huntia* 5(3): 93. 1984.

24.II3. *The life-history of Lemna minor* ... Chicago (The University of Chicago Press) 1899. Oct.
Publ.: 21 Jan 1899 (in journal), cover-t.p., p. 37-66. *Copy*: B. – Reprinted and to be cited
 from *Bot. Gaz.* 27(1): 37-66. 1899.

24.II4. *The identity of Microcycas calocoma* ... Botanical Gazette ... Printed at the University
 of Chicago Press. [Chicago] 1907. Oct.

Co-author: Charles Fuller Baker (1872-1927), see TL-2/1: 102-103 and suppl. 1: 274-275.
Publ.: 16 Mai 1907 (in journal), cover-t.p., p. [330]-335. *Copies*: B, L. – Reprinted and to be
 cited from *Bot. Gaz.* 43(5): 330-335. 1907.

24.II5. *Microcycas calocoma*. Contributions from the Hull Laboratory xcvi ... [Printed at
 the University of Chicago Press ...] 1907. Oct.

Publ.: 16 Aug 1907 (in journal), cover-t.p., p. 118-141, *pl.* 10-13 (uncol.). *Copies*: B, L. –
 Reprinted and to be cited from *Bot. Gaz.* 44(2): 118-141, *pl.* 10-13. 1907. – Also issued
 as *Contr. Hull Lab.* no. 97.

Ref.: Karsten, H., *Bot. Zeit.* 66(2): 70-72. 16 Feb 1908 (rev.).

Krause, K., *Bot. Jahrb.* 40(Lit.): 74. 1908. (rev.).

Caldwell, Ralph Merrill (1903-x), American botanist and phytopathologist at the Division
 of Cereal Crops and Diseases, Bureau of Plant Industry, USDA. (*Caldwell*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 504; Rehder 1: 451; Stevenson p. 1238.

BIOFILE: Hunt Institution, Biogr. dict. bot. portr. coll. 63. 1972.

24.II6. *Rhynchosporium scald of barley, rye and other grasses* ... Washington, D.C. (U.S.
 Government Printing Office) 1937. Oct.

Publ.: 1 Aug 1937 (on cover-t.p. and on p. 175), cover-t.p., p. 175-198, *pl.* 1-4 (uncol. phot.).

Copy: B. – Reprinted and to be cited from *J. Agric. Res.* 55(3): 175-198, *pl.* 1-4. 1937.

Calestani, Vittorio (1882-x), Italian botanist. (*Calest.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 299; BL 2: 410; BM 6: 171; LS 27.542,
 40.196-40.197; NAF 28B(2): 322.

24.II7. *Osservazione sui Seseli elatum e S. Gouani* ... Estratto dal Bullettino della Società
 botanica italiana ... 1904. Oct.

Publ.: 1904 (read 12 Jun 1904, *Bull. Soc. bot. France* rd. 23 Dec 1904), p. [1]-7. *Copies*: B,

G. – Reprinted and to be cited from *Bull. Soc. bot. ital.* 1904: 253-259.

24.II8. *Contributo alla sistematica delle Ombrellifere d'Europa* ... Firenze (Stabilimento
 Pellas Luigi Chiti successore) 1905. Oct.

Publ.: 1905, p. [i], [1]-212. *Copy*: G. – Reprinted and to be cited from *Webbia* 1: 89-280. 1905.

Ref.: Malinvaud, E., *Bull. Soc. bot. France* 52(Bibl.): 685-687. Jan 1906.

24.II9. *La vegetazione nei dintorni d'Orvieto* ... Nuovo Giornale botanico Italiano ... 1907. Oct.

Publ.: 1907, in *Nuovo Giorn. bot. ital.* ser. 2. 14: 546-574. 1907 (no reprint seen). See also
 BL 2: 410.

Ref.: Lusina, G., *Ann. Bot. (Roma)* 25(1,2): 141. 1958 (brief note).

24.II20. *La variabilità del Seseli montanum e una nuova specie di Seseli d'Abruzzo* ... [Nuovo
 Giorn. bot. ital. 1915]. Oct.

Publ.: 1915, p. [475]-499. *Copy*: B. – Reprinted and to be cited from *Nuovo Giorn. bot. ital.*
 ser. 2: 22: 475-499. 1915.

***Calkins, William Wirt** (1842-1914), American amateur mycologist, bryologist and lichenologist, born in Farm Ridge, La Salle County, Illinois, served in the civil war, entered business and law. (*Calk.*)

HERBARIUM and TYPES: ILL (incl. field notes), BPI, CM (410 Lich.), F, KSC, MICH, MTMG, NY, PH, US. – *Exiccatae: Florida fungi* (1888) at BPI, F, FH(HH), KSC, MSC, NDA, NY. – For Note on *Florida fungi* see Calkins, W.W., *J. mycol* 2: 6, 23, 42, 53, 70, 80, 89, 104, 126. 1886. – *Field notes*: ILL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 300 (b. 29 Mai 1842, Farm Ridge, Ill., d. 9 Jul 1914, Berwyn, Cook Co. Ill.); BM 6: 171; Bossert p. 63; CSP 14: 15; GR p. 183-184; GR cat. p. 61; IH 2: 112; Kew 1: 454; LS 4587-4596, 7613; Rehder 4: 18, 77; SBC. p. 117; TL-2/1: 425-426.

BIOFILE: Anon., *Bryologist* 17(5): 79. 1914 (d.).

Calkins, W.W., List of papers, books and articles, literary and scientific, written and published by W.W.C. of Berwyn, Ill., 4 p., [1911] ("from 1860 to Jan 1911"). *Copies*: NY, BKL.

Ewan, J. et al., *Short hist. bot. U.S.* 95. 1969.

Fink, Bruce, *Mycologia* 7(2): 57-60, pl. 154. 1915 (portr., list of 38 publ.).

Hasse, H.E., *Bryologist* 17(6): 96. 1914 (d.).

Hawksworth, D.L., *Mycologist's handb.* 181. 1974.

Hunt Institution, *Biogr. dict. bot. portr. coll.* 63. 1972.

Pennel, F.W. and J.H. Barnhart, *Monogr. Acad. nat. Sci. Philadelphia* 1: 602. 1935.

Rodgers, A.D., *Amer. bot.* 1873-1892. 113, 115, 128. 1944.

Rogers, D.P., *Brief Hist. mycol. N. Amer.* ed. 2. 20. 1981.

Stevenson, J.A., *Beih. Nova Hedwigia* 36: 76-77. 1971.

Stieber, M.T., *Huntia* 4(3): 153. 1982 (field notes at ILL).

Stieber, M.T. and A.L. Karg, *Huntia* 5(1): 129. 1984 (letter to F.V. Coville).

COMPOSITE WORKS: (1) J. Mueller Arg., *Graphideae Eckfeldtianaes*, *Bull. Herb. Boissier* 3(2): 41-50. 1895, see TL-2/6473, publication used Calkins material.

24.121. *Catalogue of Lichens*, collected in Florida in 1885 ... Manhattan, Kansas ... 1886. Oct. *Publ.*: Oct 1886 (date on cover-t.p.), cover-t.p., p. [i, t.p.], [1-3]. *Copy*: BKL. – Reprinted and to be cited from *J. mycol.* 2(11): 112-114, 138. 1886.

24.122. *The lichen-flora of Florida*. Catalogue of species, with notes, and also notices of new species ... *The Journal of Mycology* ... 1887. Oct.

First author: John Wiegand Eckfeldt (1851-1933).

Publ.: Nov & Dec 1887, cover-t.p., p. [1]-10. *Copy*: G. – Reprinted and to be cited from *J. mycol.* 3(11): 121-126. Nov, (12): 133-137. Dec 1887.

24.123. The Chicago Academy of Sciences. *The Lichen-flora of Chicago and vicinity* ... Bulletin no. 1 of the Geological and Natural History Survey ... 1896. Oct. (*Lichen-fl. Chicago*).

Publ.: Apr 1896 (date on cover-t.p., *Nat. Nov.* Oct (2) 1896), cover-t.p., p. [1]-50, [51]. *Copies*: G, L. – Issued as *Bull. Geol. nat. hist. Survey* no. 1.

Ref.: Abbé Hue, *Bull. Soc. bot. France* 44(Bibl.): 490-491. 1897 (rev.).

Calkoen Az., Hendrik Joän (1855-1937), Dutch mycologist, born on St. Maarten, died in Dieren Gelderland, in the Netherlands. (*Calkoen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 300 (b. 5 Apr 1855, St. Maarten); LS 4597; Rehder 1: 391; TL-2, see 13.434.

BIOFILE: Boerlage, J.G. and P.P.C. Hoek, *Bibl. Fl. Fauna Nederland 1753-1886, in Alg. Aardrijksk. Bibl. Ned.* 2, Leiden 1888, facsimile Amsterdam 1975, p. 26 (*Galinsoga parviflora*), 44 (thesis).

Calkoen, H.J., *Ned. kruidk. Arch. ser.* 2. 4(1): 61. 1883 (*Galinsoga parviflora* found outside of Amsterdam).

Verdoorn, F., *Chron. bot.* 4(1): 71. 1938 (died at Dieren, Netherlands, 1937).

NOTE: Calkoen was the editor of editions 10, 11, and 12 of the "*Zakflora*" of Willem Frederik Reinier Suringar, see TL-2/5: 100, no. 13.434.

24.124. *De Uredineae en Ustilagineae (roest- en brandzwammen) van Nederland.* Academisch proefschrift ter verkrijging van den graad van Doctor in de Plant- en Dierkunde, aan de Universiteit van Amsterdam ... voor de faculteit te verdedigen op Vrijdag 2 Februari 1883, des namiddags ten 3½ ure, ... Amsterdam (J.G. Lankelma) 1883. Oct. (*Ured. Ustil. Nederl.*). *Publ.*: 2 Feb 1882 (date of defense thesis; *Nat. Nov.* Apr (1) 1883, *Flora* 66: 143. 21 Mar 1883), p. [i-xiii], [1]-184, [1]-3 theses. *Copies*: L, U. – Lists 142 Uredineae and 23 Ustilagineae.

Ref.: Anon., *Bot. Zeit.* 41: 285. 27 Apr 1883 (publ., id. p. 348. 1883), *Hedwigia* 22(3): 47. Mar 1883, 22(6): 92. Jun 1883.

Wakker, J.H., *Bot. Centralbl.* 13(11): 356. (5-9 Mar) 1883. (rev.).

24.125. *Planten-Atlas.* Naar het Duitsch bewerkt. Met een voorwoord van H. de Vries ... Leiden (A.W. Sýthoff, s.d.) [= 1897]. Qu. (*Planten-Atlas*).

Publ.: *Ed. [1]*: 1897 (*Nat. Nov.* Dec (1) 1897), p. [i]-viii, [1]-223, *pl. 1-124* (col. draw.). – *Copy*: L.

Ed. 2: 1898 (*Nat. Nov.* Dec (1) 1898), p. [i]-x, [1]-221, *pl. 1-124* (col. draw.). – *Copy*: U.

Ed. 3: 1906 (*Nat. Nov.* Jun(1) 1907), p. [i]-x, [1]-239, *74 pl.* (n.v.).

Ref.: Rehder 1: 391.

24.126. *De Bloem en hare Geheimen ...* Amsterdam (C.A.J. Van Dishoek) 1899. Oct. (*Bloem Geheimen*).

Publ.: 1899, cover-t.p., p. [i]-viii, [1]-186. *Copy*: L.

Call, Richard Ellsworth (1856-1917), American naturalist, born 13 Mai 1856 in Brooklyn, New York, graduated 1875 from Calenovia Seminary, attended Syracuse University, A.B. Indiana 1890, A.M. 1891, M.D. Hosp. Col. Med. Louisville, Ky. 1893, Ph.D. Ohio (Athens) 1895, US. Geol. Survey 1884-1885, high school Moline Ill. 1885-1887, asst. professor of zoology Missouri 1887-1888, teacher Des Moines 1888-1892, Louisville Ky. 1892-1895, Lawrenceburg, Ind. 1895-1898, Brooklyn Inst. Arts Science 1899-1905, died 14 Mar 1917, New York City. (*R.E. Call*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 300 (b. 13 Mai 1856, Brooklyn, NY, d. 14 Mar 1917, New York City); BM 1: 300; LS 4599. TL-2/8548; Tucker 1: 131.

BIOFILE: Anon., *Amer. men sci. ed.* 2: 72. 1910.

Keyes, Ch., *Proc. Iowa Acad. Sci.* 27: 35-40 (portr.). 1920 (R.E. Call and Iowa geology).

Pammel, L.H., *Proc. Iowa Acad. Sci.* 19: 39-41. 1912.

COMPOSITE WORKS: (1) *The life and writings of Rafinesque*, Louisville, Kentucky, 1895, xii, 227 p., see TL-2/4: 550 and no. 8548.

24.127. *Observations on the flora of Mammoth Cave, Kentucky ...* Reprinted from *Memoirs of the New York Botanical Garden ...* 1916. Oct.

Publ.: Aug 1916 (on p. 65 of reprint), p. 65-68. *Copy*: BKL. – Reprinted and to be cited from

Mem. New York Bot. Gard. 6: 65-68. 1916.

Note: Some notes on the *Flora and Fauna of Mammoth Cave, Kentucky*, Amer. Naturalist, Philadelphia 31: 337-392. 1892.

***Callay, Eugène-Albert-Athanase** (1822-1896), French botanist, pharmacist at Le Chesne, Ardennes, born at Montcornet, (Aisne), educated at home and in the "pension" of the abbé Poidevin, studied pharmacy in Reims, later in Paris with the Garden of the École de Pharmacie au Muséum national d'Histoire naturelle, settled as pharmacist at Le Chesne 1848-1896. (*Callay*).

HERBARIUM and TYPES: Some material at L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 300 (b. 21 Feb 1822, Montcornet, Aisne, France, d. 24 Mar 1896, Le Chesne, Ardennes, France); BL 2: 121; BM 6: 171; CSP 14: 18; IH 2: 112; Morren ed. 10, p. 62; TL-2/1: 426; Tucker 1: 131.

BIOFILE: Bestel, F., Bull. Soc. Hist. nat. Ardennes 6: 29-35. 1899 (bibl., b. 21 Feb 1822, Montcornet (Aisne), d. 24 Mar 1896, Le Chesne, Ardennes).

Bourquelot, É.É., in E. Callay, Cat. pl. Ardennes xi-xviii. 1900.

Fliche, P.H., M. Th., A., Bull. Soc. bot. France 48: 376-392. 1902 (additional note on flora of Ardennes).

Lack, H.W. and O.v. Sydow, Willdenowia 13: 397-428. 1983 (letters to Keck 1876-1880).

Malinvaud, E., Bull. Soc. bot. France 45 (Bibl.): 95. 1898.

NOTES: (1) On TL-2/947, *Catalogue raisonné ... Ardennes*. Callay died 1896; by various French authors not precisely mentioned, the preface was of E. Bourquelot, geographic botany of E. Bestel, other names are not mentioned. See Bull. Soc. bot. France 45 (Bibl.): 95. 1898.

(2) Dr. Jacques Duvigneaud informed us after the publication of TL-2/1, on 20 Jan 1977, about the many mistakes in the *Catalogue raisonné*. The book should be used with great caution. We point at the third note on this work as given by Jacques Duvigneaud: *Espèces douteuses*.

(3) Jacques Duvigneaud, *Espèces douteuses ou citées par erreur dans le Département des Ardennes* published in Bull. Soc. Hist. nat. Ardennes 54: 61-66. 1964 (i.e. 1965), mainly dealing with the many mistakes by A. Callay q.v., with thanks to Dr. Duvigneaud.

Callier, Alfons (1866-1927), German botanist and pharmacist, born in the Niederlausitz. (Spremburg), studied pharmacy at the University of Breslau, pharmacist in Caroluth, ultimately in Bunzlau, travelled in the Crimea and the Caucasus ca. 1895-1896. (*Callier*).

HERBARIUM and TYPES: B, BHU, BP, BUC, C, DS, E, GB, HH, IB, IBF, JE, K, KRAM, L, LAU, LY, M, MANCH, OXF, P, PRC, S, W. – *Exsiccatae*: (1) *Flora silesiaca exsiccata* 1890-1895 (1350 species) in many of the above herbaria, list of publications in e.g. Deut. bot. Monatsschrift 10: 161-195. 1892, Allg. Bot. Z. 1: 39-45, 66-68, 81-82, 104-106, 123-124, 158-159, 195-196. 1895. See also Fedde, Rep. spec. nov. 24: 17-24. 25 Mai 1927. – (2) *Iter tauricum tertium* a. 1900, 250 nos. – (3) *Flora silesiaca exsiccata* (Neue Folge), Ausgabe 1926, fasc. 1, no. 1-233 (Allg. Bot. Z. 32: 54).

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 403; Barnhart 1: 300 (b. 29 Jun 1866, Spremburg, Niederlausitz, d. 28 Apr 1927, Bunzlau, Schlesien); Clokie p. 143; CSP 14: 19; Futak-Domin p. 131; Hortus 3: 1190; IH 2: 112 (N.B. *not* Alexis, 1850-1925); Kew 1: 454; Rehder 1: 389, 2: 115, 116; Tucker 1: 131; Urban-Berl. p. 335; Zander ed. 10, p. 643, ed. 11, p. 731.

BIOFILE: Anon., ÖBZ 45: 368. 1895 (returned from a botanical trip to the Crimea with herbarium material sold at Mk. 25.- per century), 76: 160. 1927 (d. 28 Apr 1927, Bunzlau); Hedwigia 39(2) (Beibl.): (71). 1900 (voyage to the Crimea).

- Busch, N.A., Bull. Jard. Bot. St. Pétersbourg 7: 173-174. 1907 (on his coll. from the Crimea and the Caucasus).
- Callier, A., Allg. Bot. Z. 1: 39-45, 66-68, 81-82, 104-106, 123-124, 158-159, 195-196. 1895 (Bemerkungen zur Flora silesiaca excs.).
- Lack, H.W. and O. v. Sydow, Willdenowia 13: 416. 1983 (letters to Halácsy in UPS-UB).
- Lack, H.W. and D. Wagner, Willdenowia 14: 430. 1984 (material in herb. Ullepitsch, now at B).
- Pax, F., Bibl. Schles. Bot. 8, 21, 48, 96, 136. 1929 (bibl.).
- Weiss, O., Allg. Bot. Z. 33: 4(228)-5(229). 1927 (i.e. 1928) (obit.).
- 24.128.** Mitteilung über *Alnus glutinosa* × *incana* ... Separat-Abdruck aus der "Deutschen Botanischen Monatsschrift" ... 1889. Oct.
Publ.: 1889 (p. 4 signed 11 Mar 1889), p. [1]-4, folding chart with details on *Alnus* sp. *Copy*: G. – Reprinted and to be cited from Deut. bot. Monatsschr. 7: 51-54. 1889.
- 24.129.** Ueber die in Schlesien vorkommenden Formen der Gattung *Alnus* ... [Jahresber. Schles. Ges. Breslau 1891]. Oct.
Publ.: 1891 (read 29 Jan 1891), p. [1]-13. *Copies*: B, G. – Reprinted and to be cited from Jahresber. Schles. Ges. vaterl. Cult. 69 (Abth. 2): 72-85. 1891 [1892].
- 24.130.** *Flora silesiaca exsiccata* ... Beilage zur deutschen botanischen Monatsschrift ... 1892. Oct.
Publ.: 1892. p. [1]-35. *Copies*: G (2). – Reprinted and to be cited from Beil. Deut. bot. Monatsschr. 10: 161-195. 1892.
- . Bemerkungen zur *Flora silesiaca exsiccata* ... (Allgemeine Botanische Zeitschrift für Systematik, Floristik, Pflanzengeographie) ... Karlsruhe i.B. (Verlag von J.J. Reiff) 1895.
Publ.: Feb 1895 (in journal), p. [1]-7. *Copies*: G, L. – Reprinted and to be cited from Allg. bot. Zeitschr. 2: 39-45. 1895.
Note: This is but one of the many reprints we found in G and L from "Allg. bot. Zeitschr." 2 (1895). These reprints are unpagged and exist as well of the complete articles in the separately issued instalments of the periodical as of only parts of these articles. See also "Bemerkungen zur *Flora silesiaca. Neue Folge*" (1927) of which only one is known as Callier died that year.
- 24.132.** *Diagnoses formarum novarum generis Alnus* ... Sonderabdruck aus Fedde, Repertorium ... 1911.
Publ.: 31 Dec 1911 (in journal), p. [225]-237. *Copies*: B, G, L. – Reprinted and to be cited from Fedde, Repert. spec. nov. 10: 225-237. 1911.
- 24.133.** *Alnus Formen* der europäischen Herbarien und Gärten ... Sonder-Abdruck aus Mitteilungen der Deutschen Dendrologischen Gesellschaft ... 1918. Oct.
Publ.: 1918 (reprint B signed by author 31-8-1919, volume dated 1918), p. [39]-185. *Copy*: B. – Reprinted and to be cited from Mitt. deut. Dendrol. Ges. 27: 39-185. 1918.
- 24.134.** *Formen der Gattung Alnus in Thüringen* ... Mitteilungen des Thüringischen Botanischen Vereins ... 1927. Oct.
Publ.: 20 Mar 1927 (in journal), cover-t.p., p. [1]-16. *Copy*: B. – Reprinted and to be cited from Mitt. Thüring. bot. Ver. ser. 2. 37: 63-78. 1927. – Author's name on cover "A. Callier-Bunzlau" (i.e. Callier living in Bunzlau).
- 24.135.** *Bemerkungen zur Flora silesiaca exsiccata* ... Neue Folge 1926 ... Sonderabdruck aus Fedde, Repertorium ... 1927. Oct.
Publ.: 25 Mai 1927 (in journal), p. [1]-8. *Copy*: B. – Reprinted and to be cited from Fedde Repert. spec. nov. 24: 17-24. 1927.

Callmé, Herman Alfred (1860-1889), Swedish botanist, born at Pastilled nr. Göteborg, studied at Örebro 1879, fil. kand. in Uppsala 1881-1889 as teacher. (*Callmé*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 835; Barnhart 1: 300 (b. 22 Nov 1860, Pastilled, d. 9 Jun 1889, Uppsala); BM 1: 300; KR p. 113.

BIOFILE: Anon., Bot. Not. 1889: 177 (d.), Gen. reg. 1839-1938: 13 (3 titles mentioned), 90 (1 title). 1939.

24.136. *Om de nybildade Hjelmar-Öarnes vegetation ...* Stockholm (Kongl. Boktryckeriet ...) 1887. Oct. (*Nyb. Hjelmar-Öarn. Veg.*).

Publ.: 1887 (read 8 Dec 1886), p. [1]-44, 1 unnumb. col. map. *Copy*: U; IDC 7670/2, mf. 177-178. – Issued as *Bih. K. Sv.-Akad. Handl.* 12 (afd. III (7)). 1887.

Ref.: A.C. [Callmé, H.A.] *Bot. Jahrb.* 9(Lit.): 33. 1887 (author's text).

Calloni, Silvio (1851-1931), Swiss botanist, born at Pazzallo nr. Lugano, educated at schools in Lugano, studied at the universities of Genève and Pavia, Dr. sci. Pavia 1884, assistant at the Herbarium Delessert Genève 1878-1883, in Pavia 1884-1893, teacher of natural sciences at the Lycée cantonal of Lugano 1894-1912, died at Lugano. (*Calloni*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 300 (b. 10 Feb 1851, Pazzallo di Lugano, d. 24 Feb 1931, Lugano); BL 2: 114, 584, 636; BM 1: 300; CSP 9: 427, 14: 19-20; Hortus 3: 1190; Kew 1: 454; Rehder 1: 276, 436, 2: 601; Saccardo 1: 42, 179, 2: 26; Zander ed. 10, p. 643, ed. 11, p. 731.

BIOFILE: Beauverd, G., *Bull. Soc. bot. Genève* ser. 2. 23: 540. 1933.

Briquet, J., *Ber. Schweiz. bot. Ges.* 50a: 112-114 (brief biogr., bibl. 39 nos.).

Gilbert, P., *Comp. biogr. lit. deceased entomologists* 57. 1977.

Jäggli, M., *Bull. Soc. Ticinese Sci. nat.* 26: 9-30. 1931 (i.e. 1932) (biogr., portr.), 34: 19-111. 1940 (bibl., portr.).

Sydow, P. and C. Mylius, *Botaniker.-Kalender* 147. 1887.

24.137. *Notes sur la géographie botanique du Tessin méridional ...* Archives des Sciences physiques et naturelles ... 1881. Oct.

Publ.: 15 Jan 1881 (in journal, *Bot. Zeit.* 30 Dec 1881), cover (identif.), p. [59]-82. *Copies*: G (2), NY. – Reprinted and to be cited from *Arch. Sci. Phys. Hist. Nat.* ser. 3. 5: 59-82. 1881.

Ref.: Anon., *Bull. Soc. bot. France* 28 (Bibl.): 68-69. Nov 1881.

24.138. *Variazioni nel fusto e nel fiore di Gagea arvensis ...* [Milano (Tip. Bernardoni di C. Rebeschini e C.) 1884]. Oct.

Publ.: 1884, p. [1]-4. *Copy*: G. – Reprinted and to be cited from *Rendic. R. Ist. Lombardo* ser. 2. 17(9): 407-410. 1884.

24.139. *Riproduzione accessoria o vegetativa di due Felci esotriche ...* Lugano (Tipografia F. Veladini e Comp.) 1884. Oct.

Publ.: Oct 1884 (in journal), p. [1]-8. *Copy*: G. – Reprinted and to be cited from *Agricoltore Ticinese Fasc. IX.* Sep 1884 (n.v.).

24.140. *Phyllodie de la fleur dans l'Anemone coronaria L. ...* Extrait du Bulletin [des Travaux] de la Société botanique de Genève ... 1884. Oct.

Publ.: Oct 1884 (in journal), p. [1]-11, [12, printers mark]. *Copies*: G (2). – Reprinted and to be cited from *Bull. Trav. Soc. bot. Genève* 3: 35-45. 1884.

- 24.141.** *Caractères distinctifs nouveaux entre Gentiana verna L. & G. utriculosa L. ...* Extrait du Bulletin [des Travaux] de la Société botanique de Genève ... 1884. Oct.
Publ.: Oct 1884 (in journal), p. [1]-3, [4, printers mark]. *Copy:* G. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 3: 45-47. 1884.
- 24.142.** *Deux formes hybrides entre Orchis odoratissima L. & Nigritella angustifolia, Rich ...* Extrait du Bulletin [des Travaux] de la Société botanique de Genève ... 1884. Oct.
Publ.: Oct 1884 (in journal), p. [1]-5, [6, printers mark]. *Copies:* G(2). – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 3: 48-52. 1884.
- 24.143.** *Développement des glandes sur la surface supérieure des feuilles du Pinguicula vulgaris, L. ...* Extrait du Bulletin [des Travaux] de la Société botanique de Genève ... 1884. Oct.
Publ.: Oct 1884 (in journal), p. [1]-3, [4, printers mark]. *Copy:* G. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 3: 53-55. 1884.
- 24.144.** *Note sur la germination des Daphne mezerum L. & Daphne laureola L. ...* Extrait du Bulletin [des Travaux] de la Société botanique de Genève ... 1884. Oct.
Publ.: Oct 1884 (in journal), p. [1]-12. *Copies:* G (2). – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 3: 56-67. 1884.
- 24.145.** *Variations dans la fleur du Cyclamen europaeum, Linné et anthotaxie des Primulacées ...* Extrait des Archives des Sciences physiques et naturelles ... 1885. Oct.
Publ.: Feb 1885 (date on p. [1]), cover-t.p., p. [1]-12, pl. 3 (uncol. lith.). *Copy:* G. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 3. 13: 128-139, pl. 3. 1885.
- 24.146.** *Florule des environs de Nantua ...* Bull. trimestr. Soc. Bot. Lyon (impr. Plan) 1885. Oct.
Publ.: 1885, p. 124-137. *Copy:* HH (n.v., fide Blake 2: 114). – Reprinted and to be cited from Bull. trimestr. Soc. bot. Lyon C.R. ser. 2. 3: 124-137. 1885. – Briquet lists this as 1885.
Ref.: Anon., Bot. Centralbl. 28(42): 18-22. Oct 1886 (sic: listed to be published 1886); Bot. Zeit. 44: 742. 29 Oct 1886 (id. “1884”).
- 24.147.** *Anomalies de la fleur du Rumex scutatus Linné, avec notes sur l'évolution florale, l'anthotaxie et la nature axile de l'ovule dans les Rumex ...* Genève (Mémoires Société physique et histoire naturelle) 1886. Qu. (*Anom. fl. Rumex scut.*).
Publ.: 1886, p. [1]-23, 3 pl. *Copy:* G. – Issued as Mém. Soc. Phys. Hist. Nat., Genève 29(5). 1886.
Résumé: Bull. Trav. Soc. bot. Genève 3: 9-10. 1884, and in Arch. Sci. Phys. Nat. ser. 3. 15: 922-931. 1886.
- 24.148.** *Appunti sulla flora culminicola del Pizzo di Claro ...* Bellinzona (Tip. e Lit. di Carlo Colombi) 1887. Oct.
Publ.: Jul 1887 (date on cover-t.p.), cover-t.p., p. [1]-9. *Copy:* G. – Reprinted and to be cited from Annuario Club Alpino Ticin. 1886: 137-143. 1887.
- 24.149.** *Naturalisation du Commelina [Commelyna] communis L. près du Lugano ...* Extrait des Archives des Sciences physiques et naturelles ... 1887. Oct.
Publ.: 15 Aug 1887 (date on cover), cover (identif.), p. [1]-9, pl. 1 (uncol. lith. auct.). *Copies:* G, L. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 3. 18: 189-197, pl. 1. 1887.
- 24.150.** *Sur deux nouvelles formes de Violettes ...* [Bull. [Trav.] Soc. bot. Genève ... 1888]. Oct.
Publ.: 1888, p. [327]-330. *Copy:* G. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 4: 327-330. 1888.
- 24.151.** *Contributions à l'histoire des Violettes ...* [Bull. Trav. Soc. bot. Genève ... 1889]. Oct.
Publ.: 1889, p. [229]-241. *Copy:* G. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 5: 229-241. 1889.

24.152. Observations floristiques et phytogéographiques sur le *Tessin méridional* ... [Bull. Trav. Soc. bot. Genève ... 1889]. Oct.
 Publ.: 1889, p. [243]-256. Copy: G. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 5: 243-256. 1889.
 Note: Follow-up of *Observations sur la flore du Tessin méridional*, Bull. Trav. Soc. bot. Genève 1: 22-29. 1879.

Calvi, Giovanni (1715-1766), Italian botanist, born at Cremona, professor of botany and medicine at the University of Pisa. (*Calvi*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 301; BM 1: 301; Jackson p. 437; PR 1426, ed. 1: 1632; Rehder 1: 61; Saccardo 1: 42.

BIOFILE: Baillon, H.E., Dict. bot. 1: 580. 1878.
 Johnson, D.E., *Huntia* 6(1): 24. 1985 (further information).

24.153. *Commentarium inservitutum historiae Pisani virete botanici academici* ... Pisis [Pisa] (Fratrumde Pizzornis) 1777. Qu. (*Comment. hist. Pisani bot. acad.*).
 Publ.: 1777 (published posthumously), p. [i]-xxviii, [1]-195, 1 plan. Copies: BM, GOET. – See also Johnson 1985 for further copies.
 Note: Also listed as “Johannes Calvius, Commentarium ...”.
 Ref.: Anon., Cont. Nuovo Giorn. Lett. Italia 13: 278-279. 1778 (rev.).

Calvino, Mario (1875-x), Italian botanist, born 26 Mar 1875, San Remo, Italia, at University of Pisa as Dr. Sci. agric. 1899, at Porto Mauricio 1901-1908 Director Ambul. Chair Agric., chief hortic. Estac. Agric. Centr. Mexico 1909-1914, chief at same station 1915-1916, chief Dept. Agric. Yucatán 1916, director Estac. Agric. Cub. 1917. (*Calvino*).

HERBARIUM and TYPES: NY (Cuba, Italia, Mexico), SV (Cuba).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 301; Hortus 3: 1190; IH 2: 113; LS 4607, 31.844, LS suppl. 4478-4479.

BIOFILE: Cufodontis, G., C.R. AETFAT 4: 241. 1962.

24.154. *Una nuova pianta economica: la Omphalea oleifera* Hems. dell' America Centrale ... Firenze (Istituto Agricolo Coloniale Italiano) 1925. Oct.
 Publ.: Mai 1925 (in journal), p. [1]-7. Copy: NY. – Reprinted and to be cited from *Agricolt. Colon.* 9(5): 1-7. 1925.

***Calwer, Carl Gustav** (1821-1873), German “Revierförster” (quarter ranger) at the Reichenberg near Backnang, N. Württemberg. (*Calwer*).

HERBARIUM and TYPES: STU and TUB (info. S. Seybold, possibly not Calwers total herbarium).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 301; BM 1: 301; Kew 1: 455; NI 310, suppl. p. 24; PR 1427; Rehder 1: 371, 3: 71, 73; TL-2/1: 426-427; Tucker 1: 132, 768.

BIOFILE: Martens, G. v. and C.A. Kemmler, Fl. Württemberg u. Hohenzollern ed. 2. 776. 1865. (TL-2/5480).
 Nissen, C., *Zool. Buchill.* 1(2): 84. Dec 1966.
 Schenkling, S., *Nachr.-Bl. deut. malak. zool. Ges.* 6: 14. 1874 (gives year of death as 1874).
 Seybold, S., in litt. *Ludwigsburg* 16 Mai 1977 (in TL-2/files).

24.155. *Württemberg's Holz- und Straucharten mit besonderer Beziehung auf ihre Standörter.* Ein Beitrag zur geographischen Verbreitung derselben ... Stuttgart (Druck und Verlag der K. Hofbuchdruckerei zu Guttenberg) 1853. Oct. (*Württ. Holz-Strauchart.*).
Publ.: Oct-Dec 1853 (p.v, Sep 1853), p. [i, iii, v], [1]-66. *Copy:* LC.

Camara-Leme, João da (fl. 1857), Portuguese physician and botanist at Madeira. (*Camara-Leme*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 301 (name only); BM 1: 301; PR 1429.

24.156. *Études sur les Ombellifères vénéneuses, ouvrage jugé favorablement par l'Académie des Sciences et Lettres de Montpellier, ... Montpellier (Imprimerie L. Cristin et Ce. ...) 1857. Oct. (Études Ombell. vénén.).*
Publ.: 1857, p. [i]-xv, [17]-218. *Copies:* MO, NY.
Ref.: Anon., Bull. Soc. bot. France 5: 197-199. 1858 (rev.).

Cabbage, Richard Hind (1859-1928), Australian mining surveyor and botanist, born at Milton, N.S.W., started out as a teacher but qualified as a licensed surveyor with the Department of Lands 1882-1885, mining surveyor 1902-1916, chief mining surveyor 1916-1924, ultimately under the Dept. of Lands (Mines), in addition surveying at the Sydney Technical College 1909-1915, in botany mainly interested in *Eucalyptus* and *Acacia*. (*Cabbage*).

HERBARIUM and TYPES: CANB (*Eucalyptus*) and NSW, further material at E, HH, L, MO, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 301 (b. 7 Nov 1859, Milton, N.S.W., d. 28 Nov 1928, Sydney, N.S.W.); BL 1: 65; Hortus 3: 1190; IH 2: 113, 484, 492; TL-2/5261; Tucker 1: 768.

BIOFILE: Andrews, E.C., Proc. Linn. Soc. N.S.W. 59: 435-447. 1934 (bibl., portr.).
 Anon., Sydney Morning Herald 3 Mai 1923, p. 8, col. 7, (portr.), 29 Nov 1928, p. 9 and 10;
 Austral. Mus. Mag. 3(9): 304. 1929; J. Proc. Soc. N.S.W. 63 (Abstr. Proc.): 11-12. 1929;
 Anon., Kew Bull. 1929(3): 89-90 (died at Sydney, N.S.W. 28 Nov 1928, further info.);
 Australian Encycl. 2: 241-242. 1965.
 Browne, W. R., Proc. Linn. Soc. N.S.W. 54: v-vi. 1929.
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 3: 7 Nov 1901 (in journal), p. 197-212, pl. 12. *Copy:* B. – Id. 26(2): 197-212, pl. 12. 1901.
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6: 17 Oct 1902 (in journal), p. 186-204, *pl. 8-10*. *Copy*: B. – Id. 27(2): 186-204, *pl. 8-10*. 1902.

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24.158. Notes on the *native flora of New South Wales*. Part X. the *Federal Capital Territory* ... [The Proceedings of the Linnean Society of New South Wales ... Sydney (... W.A. Pepperday & Co., ...) 1919]. Oct.

Publ.: 26 Mar 1919 (on cover of journal issue), p. 673-711, *pl. 71-74*. 1919. *Copy*: B-S. – Reprinted and to be cited from *Proc. Linn. Soc. N.S.W.* 43(4): 673-711, *pl. 71-74*. 1919.

***Cambessède, Jacques** (1799-1863), French botanist and agronomist, born at Montpellier, educated with the oratorians of Tournon until 1815, learned latin and rhetorique, studied law at Aix (1818), and medicine at Montpellier, student of Gouan, at the École de médecine, Paris 1819, with botanical studies with Delile, finished his medical studies at Montpellier 1822, in Paris late 1822-1835, working with Kunth, Adrien de Jussieu, L.C. Richard and especially J. Gay, settled at the family domain de Pradines 1836-1855, and 1855 at his property at Férussac. (*Cambess.*).

HERBARIUM and TYPES: MPU (20.000); further material at LY, P, PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 441; Backer p. 98; Barnhart 1: 301 (b. 26 Aug 1799, Montpellier, d. 20 Oct 1863, Férussac, Lozère); BM 1: 301; Colmeiro 1: clxvi; CSP 1: 772; DBF 7: 953-954; GR p. 310; IH 2: 113; Jackson p. 144, 145, 341, 373-374; Kew 1: 455; Langman p. 179; Lasègue p. 314-316, 321, 404, 502; MD p. 73-75; MW p. 61; Plesch p. 169; PR 1430-1432, ed. 1: 43; Rehder 1: 423, 5(index): 145; RS p. 77; TL-1: 70-71; TL-2/1: 427-428, and see 10.032, 10.034; Tucker 1: 132, 2: 8; Zander ed. 10, p. 643, ed. 11, p. 731.

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24.160. *Excursions dans les Iles Baléares* ... Extrait des nouvelles annales des voyages, de la Géographie et de l'Histoire ... [1826]. Oct.

Publ.: 1826, p. [1]-32, 4 *pl.* (costumes). *Copy*: G. – Reprinted and to be cited from *Nouv. Ann. Voyages* 30: 5-37, 4 *pl.* 1826.

24.161. *Observations sur l'organisation florale des plantes de la famille des Cappariidées* ... Extrait ... Mémoires de la Société d'Histoire naturelle de Paris ... 1834. Oct.

Publ.: 1834 (read 5 Feb 1830, sic.), p. [1]-4. *Copies*: G, NY. – Reprinted and to be cited from *Mém. Soc. Hist. nat. Paris* 5: 77-80. 1834.

Cameron, Donald Ross (1907-x), Canadian geneticist, born at Streetsville, Ontario, studied at the University of Saskatoon, BS 1927, MS 1928, Ph.D. University of California 1932, instructor of genetics at id., working on cytogenetic investigations in *Nicotiana*, assoc. for genetics 1951-1959, professor 1962, working on cytology and genetics of *Triticum*, *Crepis*, *Nicotiana* and *Ananas*. (*D.R. Cameron*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 302 (b. 27 Feb 1907, Streetsville, Ont.); Kew 1: 457.

BIOFILE: Anon., Amer. men sci. ed. 11: 730. 1965.

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Publ.: 11 Oct 1934 (date on p. [ii], Nat. Nov. Apr 1935), cover-t.p., p. [i-ii], 257-285, *pl.* 12-13. *Copies*: B, U. – Reprinted and to be cited from Univ. Calif. Publ. Agr. Sci. 6(10): 257-285. 1934.

Cameron, John (Sunderland) (fl. 1883), British botanist of county Sunderland (Durham). (*J. Cameron Sund.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 292; BM 1: 304; Kew 1: 457; LS 31.850-31.851; Rehder 1: 74.

BIOFILE: Freeman, R.B., British nat. hist. books 1495-1900. 78 (no. 619). 1980.

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Publ.: Jan-Feb 1883 (J. Bot. Mar 1883, Nat. Nov. Mar (2) 1883, Bot. Zeit. 27 Apr 1883), p. [i]-ix, [x], [1]-130, [1]-16. *Copy*: NY.

Preliminary publication: Scott. Natural. 5: 119-124, 167-173, 228-233, 262-269, 312-320, 351-361. 1879-1882, 6: 297-305. 1883

Revised edition: 1900 (J. Bot. Nov 1900), p. [i]-xv, [1]-160, portr. – Issued as *The Gaelic names of plants* Scottish, Irish and Manx, collected and arranged in scientific order, with notes on their etymology, uses, plant superstitions, etc., among the Celts, with copious Gaelic, English, and scientific indices. New and revised edition. Glasgow (John MacKay) 1900. – *Rev.*: Anon., J. Bot. 38: 450-451. Nov 1900 (n.v.).

Ref.: Anon., J. Bot. 21: 187-188. 1883 (rev. ed. 1.).

Caminhoá, Joaquim Monteiro (1835-?), Brazilian botanist at Rio de Janeiro. (*Caminhoá*).

HERBARIUM and TYPES: Probably material at R, some Brazilian material at W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 302 (b. 20 Dec 1835); BM 1: 304; IH 2: 113; Jackson p. 217, 374, 509; Kew 1: 457-458; Tucker 1: 132.

BIOFILE: Anon., Rodriguésia 2(5): 269. 1936.

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French translator: M. Rey.

Préface: M. Bavay.

Portuguese original: 1871, *Das plantas toxicas do Brasil*, Rio de Janeiro. *Copy:* K (n.v.).

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Ref: Abendroth, *Bot. Centralbl.* 7(14): 239-240. 1881 (rev.).

N.L., *Bot. Zeit.* 38: 264. 9 Apr 1880 (rev.).

Cammerloher, Hermann (1885-1940), Austrian botanist, born in Vienna, studied at the University of Vienna 1907-1910, Dr. phil. ib. 1910, botanical assistant at the Zoological Station at Triest 1910-1911, assistant at Czernowitz 1911-1913, collecting with O. Porsch on Java 1914, at the Buitenzorg Botanical Laboratory Jan-Mai 1914, on active service in world war I 1914-1918 in Europe, assistant botanist with E.J.L. Heinricher at Innsbruck 1919-1921, attached at the Buitenzorg Botanical Garden 1921-1924, university lecturer and assistant of the Botanical Institute of Vienna 1924-1932, extraordinary professor of botany ib. 1932-1940. (*Cammerloher*).

HERBARIUM and TYPES: W, WU. – Some herbarium specimens from Costa Rica at CERN, from Java at BO and CERN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 302 (b. 1 Jan 1885, Wien, d. 5 Apr 1940, Wien); BFM 2616; BL 1: 105; IH 2: 113, 701 (with O. Porsch); Kew 1: 458; SK 1: 98 (biogr. note), 99.

BIOFILE: Anon., *Allg. Bot. Z.* 16: 164. 1910 (asst. Triest); *ÖBZ* 60: 407. 1910, 62: 103. 1912, 74: 216. 1925, 81: 240. 1932, 87: 159. 1938; Hedwigia 50(4) (Beibl.): (193). 1910 (bot. asst. Triest), 52(2) (Beibl.): (154). 1912 (id.), 66(1) (Beibl.): (56). 1926 (asst. Vienna), 73(1) (Beibl.): (84). 1933 (e.o. prof. bot. Vienna).

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NOTES: (1) H. Cammerloher and 12 other Austrian systematic botanists published a tribute to Richard v. Wettstein on his 60-th birthday in a pamphlet of 4 pages, of which a text of 2 pages, a page of signatures and a list of the 13 botanists. *Copy:* FAS(B). – Issued 30 Jun 1923.

(2) For Cammerloher's tribute to the "Fest-Nummer" of *ÖBZ* for Richard v. Wettstein see below, *Zur Biologie der Blüte von Aristolochia grandiflora*. – Issued 30 Jun 1923.

(3) For Cammerloher, H. et al. see *Contributions à l'étude de la flore des Indes Néerlandaises* i- xxxiv, in *Bull. Jard. bot. Buitenzorg* ser. 3. 5-15, 1923-1938 (some of those treated further below).

24.166. *Studien über die Samenanlagen der Umbelliferen und Araliaceen ...* Separatdruck aus der "Österreichischen botanischen Zeitschrift" ... 1910. Oct.

Publ.: Aug-Sep 1910 (in journal; copy Lrd. 25 Nov 1910), p. [1]-16. *Copies:* B, L. – Reprinted and to be cited from *ÖBZ* 60(8): 289-300. Aug, 60(9): 356-360. Sep 1910. – "Selbstverlag des Verfassers. – Buchdruckerei Carl Gerold's Sohn in Wien" (on p. 16 of reprint) – First publication.

24.167. *Ein Beitrag zur Algenflora der Inseln Pelagosa und Pomo ...* Separatdruck aus der "Österreichischen botanischen Zeitschrift" ... 1911. Oct.

- Publ.*: Oct-Nov 1911 (in journal; copy rd. at L 30 Nov 1911), p. [1]-14. *Copies*: B, L. – Reprinted and to be cited from ÖBZ 61(10): 373-381. Oct, 61(11): 417-424. Nov 1911. – “Selbstverlag des Verfassers. – Buchdruckerei Carl Gerold’s Sohn in Wien” (on p. 14 of reprint).
- 24.168.** *Die Grünalgen* (Chlorophyceae) der Adria ... Berlin (Gebrüder Bornträger) 1914. Oct. (*Grünalgen*).
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- Publ.*: 23 Mar 1921 (date on p. [64], mss. rd. 10 Nov 1920, read Jan 1921, text signed on p. 70 Jul 1920), p. [64]-70. *Copies*: B, L. – Reprinted and to be cited from Ber. deut. bot. Ges. 39(2): 64-70. 1921.
- 24.171.** *Index Loganiacearum et Buddleiacearum quae anno 1922 in Horto botanico Bogoriensi coluntur* ... Buitenzorg [Bogor] (Archipel Drukkerij) 1922. Oct.
- Publ.*: Jun 1922 (date on cover-t.p.), cover-t.p., p. [103]-104. *Copy*: L. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 5(1): 103-104. 1922.
- 24.172.** *Zur Frage der Heimat der Banane* ... Separatabdruck aus der “Österreichischen botanischen Zeitschrift” ... 1922. Oct.
- Publ.*: Oct-Dec 1922 (in journal, mss. signed Jul 1922), p. [262]-266. *Copies*: B, L. – Reprinted and to be cited from ÖBZ 71(10-12): 262-266. 1922. – “Selbstverlag des Verfassers. – Buchdruckerei Carl Gerold’s Sohn in Wien” (on p. 266 of reprint).
- 24.173.** *Unfruchtbarkeit als Folge vorübergehender Kleistopetalie bei Aristolochia arborea* ... Sonderabdruck aus den Berichten der deutschen Botanischen Gesellschaft ... 1923. Oct.
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- 24.174.** *Zur Biologie der Blüte von Aristolochia grandiflora* Swartz ... Sonderabdruck aus der “Österreichischen botanischen Zeitschrift” ... 1923. Oct.
- Note*: “Sonderabdruck aus der ‘Österreichischen botanischen Zeitschrift’ Jahrg. 1923, Nr. 6-8, S.180-198. (Fest-Nummer anlässlich des 60. Geburtstages von Richard v. Wettstein)”.
Publ.: 30 Jun 1923 (60th birthday of Richard v. Wettstein), p. [180]-198. *Copies*: B, L. – Reprinted and to be cited from ÖBZ 72(6-8): 180-198. 1923.
- 24.175.** *Die Loganiaceen und Buddleiaceen Niederländisch-Indien(s)* ... Buitenzorg [Bogor] (Archipel Drukkerij) 1923. Oct.
- Publ.*: Aug 1923 (date on cover-t.p., mss. closed Oct 1922, see p. 338), cover-t.p., p. [294]-338. *Copies*: L, U. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 5(4): 294-338. 1923.
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- Publ.*: 1923, cover (identif.), p. [145]-152. *Copy*: L. – Reprinted and to be cited from *Tropische Natuur* 12(10): 145-152. 1923.
- 24.177.** *Loganiaceae* ... [Nova Guinea ... Leide [Leiden]] (Librairie et Imprimerie ci devant E.J. Brill) 1924. Qu.
Publ.: 1924, cover-t.p., p. 115-118, *pl. 12-14* (uncol. draw.). *Copy*: B. – Reprinted and to be cited from *Nova Guinea, Bot.* 14(1): 115-118, *pl. 12-14*. 1924.
- 24.178.** *Die Resupination der Blüten von Canavalia ensiformis* D.C. ... Extrait des Annales du Jardin botanique de Buitenzorg ... 1925. Oct.
Publ.: 1925 (signed Mar 1924 on p. 43), cover-t.p., p. [19]-43, [44], *pl. 4* (uncol.). *Copies*: B, L. – Reprinted and to be cited from *Bull. Jard. bot. Buitenzorg* 34 (1A): 19-43, [44], *pl. 4*. 1925.
- 24.179.** *Die Cinnamomum-Arten von Niederländisch-Ostindien* ... Batavia (Landsdrukkerij) 1925. Oct.
Publ.: Aug 1925 (date on cover-t.p.), cover-t.p., p. [446]-497. *Copy*: B. – Reprinted and to be cited from *Bull. Jard. bot. Buitenzorg ser. 3.* 7(4): 446-497. 1925
- 24.180.** *Javanische Studien I-II.* ... Sonderabdruck aus ... Österreichischen botanischen Zeitschrift ... Wien (Verlag von Julius Springer ...) 1927-1928. Oct.
Publ.: 1 (Über einige Fälle von Unfruchtbarkeit kultivierter Pflanzen fremder Florengebiete): Jan-Mar 1928 (in journal), cover-t.p., p. [57]-65. *Copies*: B, L. – Reprinted and to be cited from *ÖBZ* 76(1): 57-65. 1927.
 2 (Kurze Skizzen über Blumenbesuch durch Vögel): Jan-Mar 1928 (in journal), cover-t.p., p. [1]-16. *Copies*: B, L. – Id. *ÖBZ* 77(1): 16-41. 1928.
- 24.181.** *Eine seltene Palme. Lodoicea maldivica* (Gmelin) Persoon ... [Wien (Verlag von Julius Springer)] 1927. Oct.
Publ.: 1927, cover (identif.), p.[12]-21. *Copy*: B. – Reprinted and to be cited from *Festschrift der Österreichischen Gartenbaugesellschaft 1827-1927*, p. 12-21. 1927.
- 24.182.** *Blütenökologische Beobachtungen an den Blüten einer Bauhinia* ... Separatabdruck aus "Buletinul Facultății de Științe din Cernăuți" ... Cernăuți" 1929. Oct.
Publ.: 1929, cover-t.p., p. [1]-4, *pl. [1]*. *Copies*: B, L. – Reprinted and to be cited from "Buletinul Facultății de Științe din Cernăuți" 3(1): 171-174, *pl. [1]*. 1929.
- 24.183.** *Zur Kenntniss von Bau und Funktion extrafloraler Nektarien* ... Wien und Leipzig (Emil Haim & Co.) 1929. Qu.
Publ.: 1929, cover-t.p., p. [281]-302. *Copies*: B, L. – Reprinted and to be cited from *Biologia Generalis* 5(2): 281-302. 1929.
- 24.184.** *Blütenbiologie I. Wechselbeziehungen zwischen Blumen und Insekten* ... Berlin (Borntraeger) 1931. Oct. (*Blütenbiol.*).
Publ.: 1931 (Nat. Nov. Sep 1931), p. [1]-199, *pl. 1-2*. *Copies*: B, EAM. – Issued as *Sammlung Borntraeger Bd. 15*.
Ref.: Janchen, E., *ÖBZ* 80(4): 348-349. (rev.).
- 24.185.** *Aloe Brunenthaleri* Berger in litt. ... Neudamm, Sonderabdruck aus "Kakteenkunde" ... 1933. Oct.
Publ.: Jul 1933, p. [131]-132]. *Copies*: L, U. – Reprinted and to be cited from *Kakteenkunde* 1933(7): 131-132.
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Publ.: 1933 (closed 19 Apr 1933), cover-t.p., p. [351]-365. *Copy*: L. – Reprinted and to be cited from *Planta* 19(2): 351-365. 1933.

24.187. *Ein Beitrag zur Flora von Kaimeni (Santorin) ...* Sonderabdruck aus Österreichischen botanischen Zeitschrift ... Wien (Verlag von Julius Springer) 1935. Oct.

Publ.: Feb 1935, p. [81]-90. *Copies:* B, L. – Reprinted and to be cited from ÖBZ 84(2): 81-90. 1935.

Camp, Arthur Forrest (1896-?), American plant physiologist, born at Los Angeles, studied at the University of California, A.B. 1920, Ph.D. at St. Louis (Washington Univ.) 1923, assistant pathologist at the Experiment Station Florida 1923-1925, plant physiologist in charge of cotton investigations 1925-1926, associate horticulturist id. 1926-1927, in charge 1927-1928, horticulturist 1928-1929, with U.S.D.A. 1929-1930, id. at Experiment Station Florida 1930-1936, in charge of Citrus Experiment Station from 1936. (*A.F. Camp*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 302 (b. 13 Apr 1896, Los Angeles, Calif.); LS suppl. 4480, 8114.

BIOFILE: Anon., Amer. men sci. ed. 7: 270. 1944, ed. 11: 733. 1965.

Murrill, W.A., Hist. foundat. bot. Florida 39. 1945.

24.188. *Citric acid as a source of carbon for certain Citrus-destroying fungi ...* Reprinted from Annals of the Missouri Botanical Garden ... 1923. Oct.

Publ.: Sep 1923 (date on cover-t.p.). p. 213-298, *pl. 14* (uncol. phot.). *Copies:* B, L. – Reprinted and to be cited from Ann. Missouri Bot. Gard. 10: 213-298, *pl. 14*. 1923.

Ref.: LS suppl. 4480.

***Camp, Wendell Holmes** [“Red Camp”] (1904-1963), American botanist, born at Dayton, Ohio, studied at Ohio State University at Columbus, Ohio, with John Henry Schaffner, at the New York Botanical Garden 1936-1949, interested in economic botany and botanical nomenclature, collected in Ohio as a student, Virginia, Kentucky, Tennessee (S. Appalachians) 1936, Mexico 1936-1937, Central America 1943, on a United States mission searching for native *Cinchona* in Ecuador 1943-1945, left the New York Botanical Garden in 1949 travelling in North America for the industry as well as for Acad. nat. Sci. Philadelphia, at the same time curator of experimental botany, head of the department of botany at the University of Connecticut 1952-1963. (*Camp*).

HERBARIUM and TYPES: NY. – Further material at DS, F, HH, MICH (F.J. Hermann herb.), MO, PH (1100), US. – *Field notes* and accession books by W.H. Camp of his Ecuador collection at NY, index to coll. volumes 198, 212, 213, 214, 215, 219, 220.

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BIOFILE: Acosta-Solis, M., Natural. Viaj. Cient. Ecuador 74, 125. 1968 (portr.).

Anon., Plant Sci. Bull. 9(2): 8-9. 1963 (brief obit.).

Balslev, H. and E. Joyal, Brittonia 32(4): 437-451. 1980 (C's collecting in Ecuador).

Boureau, E., Regn. veg 11: 10. 1958.

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Knobloch, I.W., Phytologia Mem. 6: 13. 1983 (further info. on his plant collecting).

Lanjouw, J., Taxon 12(2): 87. 1963 (brief obit. note).

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Rickett, H.W., Taxon 12(8): 276-279. 1963; Brittonia 26(1): 1-10. 1964 (obit., bibl., portr., birth year given as 1905); Index Bull. Torrey bot. Club 1-75: 20. 1955 (list publ.).

Stafleu, F.A., Taxon 3(3): 95. 1954 (C. to Univ. Connecticut, Storrs).

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Campanile, Giulia (fl. 1922-1925), Italian botanist. (*Campanile*).

HERBARIUM and TYPES: Unknown.

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Co-author: Giovanni Battista Traverso (1878-1955), see TL-2/6: 452-454.

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***Campbell, Douglas Houghton** (1859-1953), American botanist, born in Detroit, studied at the University of Michigan at Ann Arbor 1878, with, as main teacher, Volney Spalding, graduated 1882, taught zoology and botany at Detroit High School 1882-1886, Ph.D. 1883, to Germany, 1886 with Strasburger in Bonn and Pfeffer in Tübingen, in Berlin with L. Kny 1887-1888, returned to USA to teach at the University of Indiana (Bloomington, Ind.) late 1888-1891, at Stanford University with David Starr Jordan 1891-1925, in the Dutch East-Indies (Buitenzorg) Mar-Jun 1906, 1912-1913, and 1914, in retirement still active at Stanford University. (*Campb.*).

HERBARIUM and TYPES: DS (now at San Francisco), further material at BM, CI, NY, UBC-DS. – Microscope-preparations (150) at BM (structure, development of mosses and ferns).

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- 24.232.** *Studies on the Ophioglossaceae ...* Leide [Leiden] (Librairie et Imprimerie Ci-devant
 E.J. Brill) 1907. Oct.
Publ.: 1907, cover-t.p., t.p. (recto of p. [138]), p. [138]-194, *pl.* 9-19 (uncol. liths.). *Copies*: BKL,
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Ref.: Solms, H., Bot. Zeit. 66(II): 60-61. 16 Feb 1908 (rev.).
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Publ.: Mar 1908 (date on cover-t.p.), cover-t.p., p.154-165. *Copy*: L. – Reprinted and to be
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- 24.234.** *Collecting liverworts in Java ...* Reprinted from Torreya ... 1908. Oct.
Publ.: Mai 1908 (date on p. [103]), p. [103]-110. *Copies*: G, Gr-V. – Reprinted and to be
 cited from Torreya 8(5): 103-110. 1908.
- 24.235.** *The prothallium of Kaulfussia and Gleichenia ...* [Reprinted from Ann. Jard. Bot.
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Publ.: 1908, p. [69]-102, *pl.* 7-14 (uncol. liths.). *Copy*: L. – Reprinted and to be cited from
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Note: See a paper with the same title but with further details below (1911).
Ref.: Diels, L., Bot. Jahrb. 44(Lit.): 36. 22 Mar 1910 (brief rev.).
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Publ.: Aug 1909 (date on cover-t.p.), cover-t.p., p.449-460. *Copies*: HH, L. – Reprinted and
 to be cited from Amer. Naturalist 43(512): 449-460. 1909.
- 24.238.** *The embryo and young sporophyte of Angiopteris and Kaulfussia ...* Leide [Leiden]
 (Librairie et Imprimerie ci-devant E.J. Brill) 1909. Oct.
Publ.: 1909 (text dated Jul 1909 on p. 81), cover-t.p., [i], p. [69]-81, [82], *pl.* 6-7 (uncol. liths.
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 2, suppl. III: 69-81, [82], *pl.* 6-7. 1909.
- 24.239.** *The embryo-sac of Pandanus coronatus ...* Bulletin of the Torrey Botanical Club ...
 1910. Oct.
Publ.: 21 Jul 1910 (in journal), p. 293-295. *Copy*: L. – Reprinted and to be cited from Bull.
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 cited from Amer. Naturalist 45(529): 41-53. 1911.
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Publ.: Jul 1911 (in journal; Nat. Nov. Aug (2) 1911), cover, p. [773]-789, *pl.* 59-60. *Copies*:

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24.243. *American Nature Series ... Plant life and evolution ...* New York (Henry Holt and Company) 1911. Oct.

Publ.: Oct 1911 (date on p. [ii]), p. [i]-iv, [1]-360. *Copy*: MO.

Ref.: Cowan, M.T., Jr., *Scott. Bot. Rev.* 1(4): 240-242. 1922 (rev.).

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Publ.: 1911, p. [105]-110. *Copies*: BKL, L. – Reprinted and to be cited from *Plant World* 14(5): 105-110. 1911.

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24.247. *Leland Stanford Junior University Publications, University Series ... A morphological study of some member of the genus Pallavicinia ...* Stanford Cal. (Stanford University, ...) 1914. Oct. (*Morph. study Pallavicinia*).

Co-author: Florence Williams.

Publ.: 30 Apr 1914 (*Bull. Torrey bot. Club* 41(11) 28 Nov 1914), cover-t.p., p. [1]-44. *Copies*: BKL, Gr-V(2).

Ref.: Jongmans, W.J., *Bot. Centralbl.* 131(24): 611-613. 13 Jun 1916 (detailed rev.).

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Publ.: 1915 (p. 373 text closed Apr 1914), cover-t.p., p. [365]-373. *Copies:* BKL, Gr-V, NY. – Reprinted and to be cited from *Jahrb. wiss. Bot.* 56: 365-373. 1915.
- 24.254.** *Plant distribution in California ...* Reprinted from the *Science Monthly ...* 1916. Oct.
Publ.: Mar 1916 (date on p. [209]), cover-t.p., p. [209]-225. *Copy:* G. – Reprinted and to be cited from *Sci. Monthly* 2: 209-225. 1916.
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Publ.: Jun 1916 (date on cover-t.p.), cover-t.p., p. 261-273. *Copies:* BKL, Gr-V, NY. – Reprinted and to be cited from *Amer. J. Bot.* 3(6): 261-273. 1916 (on p. 261 of reprint cited as 6.1916 [sic]).
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Publ.: 1926 (p. v: Feb 1926, copy MO rd. 12 Oct 1926), p. [i]-ix, [xi], [1]-392, *pl. 1-52* (photogr.). *Copies*: HH, L, MO, U.
Ref.: Anon., *J. Bot.* 65: 121-122. Apr 1927.
- 24.266.** *Collecting liverworts in Hawaii ...* Reprinted from *Bryologist ...* 1928. Oct.
Publ.: 31 Jan 1928 (in journal, mss. signed on p. 101: Oct 1927), p. [97]-101. *Copy*: Gr-V. – Reprinted and to be cited from *Bryologist* 30(6): 97-101. 1928.
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- 24.270.** *The phylogeny of Monocotyledons ...* Great Britain (*Annals of Botany*) 1930. Oct.
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- 24.274.** *The relationships of the Hepaticae ...* Reprinted, without change of paging, from *Botanical Review ...* 1936. Oct.
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Publ.: Feb 1938 (date on cover-t.p.), cover-t.p., p. [34]-36. *Copies*: FAS(B), Gr-V. – Preprinted from *Ann. bryol.* 11: 34-36. 1938 (issued Sep 1938).

Ref.: *Anon.*, *Rev. bryol.* 11(3-4): 190. 1938 (note).

24.276. *The evolution of land plants* [Embryophyta] ... Stanford University, California (Stanford University Press), London (Humphrey Milford: Oxford University Press) [1940]. Oct. (*Evolution land pl.*).

Publ.: 1940 (preface dated Oct 1939), p. [i]- xi, 1-731. *Copies*: L, MO.

Campbell, [Dean] Elmer Grant (1876-?), American botanist and ecologist, born at Fairburn, Georgia 11 Feb 1876, A.B. Hiram College 1905, M.S. Purdue 1914 as instructor for biology at Texas A.M. College 1915-1918, at Purdue in charge of agricultural botany 1918-1927, professor of biology at Transylvania College 1927-1929, president 1928-1931, idem at Oglethorpe 1932-1933, head of Univ. Center Atlanta, Univ. Georgia 1933. (*E.G. Campb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 303 (b. 11 Feb 1876, Fairburn, Ga.); *LS* suppl. 4560.

BIOFILE: *Anon.*, *Amer. men. sci. ed.* 7: 272. 1944.

24.277. *Plant relations in Brazos County, Texas*, with special reference to eastern and western types ... Reprinted from *Ecology* ... 1925. Oct.

Publ.: Apr 1925 (date on cover-t.p.), cover-t.p., p. 163-170. *Copy*: BKL. – Reprinted and to be cited from *Ecology* 6(2): 163-170. 1925.

Campbell, Robert (1835-1921), Canadian botanist, born 21 Jun 1835, Drummond, Ontario, died 13 Mar 1921, Montreal, Quebec. (*Rob. Campb.*).

HERBARIUM and TYPES: MTMG, further material at DUKE, K, NY.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 303; *IH* 2: 114; *LS* 4627; *Rehder* 1: 310; *SK* 2: 86, cxxxiii.

BIOFILE: *Kucyniak, J.*, *Bryologist* 49: 131. 1946.

24.278. *The flora of Montreal Island* ... Reprinted from the *Canadian Record of Science* ... 1892. Oct.

Publ.: Oct 1892 (in journal), p. [209]-234. *Copy*: NY. – Reprinted and to be cited from *Canad. Rec. Sci.* 5(4): 208(sic)-234. 1892.

Further parts: 6(7): 397-405. Jul 1895, 7(3): 146-151. Jul 1896. – See also 5(5): 294-296. Jan 1893.

24.279. *The Flora of the Rocky Mountains* ... Reprinted from the *Canadian Record of Science* ... 1900. Oct.

Publ.: 30 Apr 1900 (date on p. [163]), p. [163]-192. *Copy*: NY. – Reprinted and to be cited from *Canad. Rec. Sci.* 8(3): 163-192. Jan 1900.

24.280. *North American Golden Rods* ... Reprinted from the *Canadian Record of Science* ... 1900. Oct.

Publ.: 30 Apr 1900 (date on p. [192]), p. [192]-195. *Copy*: NY. – Reprinted and to be cited from *Canad. Rec. Sci.* 8(3): 192-195. 1900.

Campbell, Robert Samuel (1904-x), American botanist, born La Harpe, Illinois 15 Aug 1904, B.S. Chicago 1925, M.S. 1929, Ph.D. 1932, U.S. Forest Service Las Cruces N. Mexico 1925-1934, division range research 1934-1937, assistant chief division and in charge of range utilization studies 1937-? (*R.S. Campb.*).

HERBARIUM and TYPES: USFS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 304 (b. 15 Aug 1904, La Harpe, Ill.); IH 2: 114; Kew 1: 461.

BIOFILE: Anon., Amer. men. sci. ed. 7: 274. 1944.

24.281. *Growth and reproduction of Yucca elata ...* Reprinted from Ecology ... 1932. Oct. Publ.: Oct 1932 (date on p. 364), p. 364-374. Copy: BKL. – Reprinted and to be cited from Ecology 13(4): 364-374. 1932.

Campos Porto, Paulo de (1889-x), Brazilian botanist, “naturalista” at the Botanical Garden of Rio de Janeiro 1914, in charge of the new Estação Biológica de Itatiaia 1929-1933, assistant chef 1933-1934, biologist 1934, in charge of the Jardim botânico do Rio de Janeiro 1934, director of the Instituto de Biologia Vegetal do Rio de Janeiro 1934-1939, secretary of agriculture at the state of Bahia 1942-1945, later again continuing his directorship of the Jardim botânico do Rio de Janeiro. (*Campos-Porto*).

HERBARIUM and TYPES: R. – Further material at AMES (HH), B, RB, S, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 304; IH 2: 114.

BIOFILE: Anon., Biographical data issued by the Brazilian Ministério da Agricultura, Rio de Janeiro, 4 p. (copy at B, detailed list of decorations and further details on his life) (undated, unsigned).

24.282. Jardim botânico do Rio de Janeiro. Contribuição para o conhecimento da *Flora Orchidacea da Serra do Itatiaia ...* 1915. Oct.

Publ.: 1915, cover-t.p., p. [1]-22, 4 tables (list of species with altitude and month of flowering). Copies: L, NY. – Reprinted and to be cited from Arch. Jard. bot. Rio de Janeiro 1: 105-126, 4 tables. 1915.

24.283. Jardim botânico do Rio de Janeiro. *O Cambuci* (Paivaea Langsdorffii Berg.) ... Rio de Janeiro (Estabelecimento gráfico de Steele, Mattos & C. ...) 1920. Qu. (*Cambuci*).

Publ.: 1920 (p. 14: Dec 1919), p. [1]-14, [15, photo]. Copies: B, BKL, L, U.

24.284. *Contribuição para a Flora Fluminense ...* Arq. Inst. Biol. Veget. ... Rio de Janeiro ... 1935. Oct.

Co-author: Alexander Curt Brade (1881-1971), see TL-2/1: 300 and this suppl.

Publ.: Aug 1935 (date on p. 221), p. 221-222, pl. 1. Copy: B. – Reprinted and to be cited from Arq. Inst. Biol. Veget. Rio de Janeiro 1(3): 221-222, pl. 1. 1935.

24.285. *Orchidaceae novae brasiliensis* [sic, “brasilienses” in 2] ... Arch. Inst. Biol. Veget. ... 1935 [-1938]. Oct.

Co-author: Alexander Curt Brade (1881-1971), see TL-2/1: 300 and this suppl.

Publ.: 1: Dec 1935 (in journal), cover (identif.), p. 207-216, pl. 1-4 (uncol. lith. and phot.).

Copy: NY. – Reprinted and to be cited from Arch. Inst. Biol. Veget. Rio de Janeiro 2(2): 207-216, pl. 1-4. 1935.

2: Aug 1937 (in journal), cover (identif.), p. 131-139, pl. 1-3 (uncol. liths.). Copies: B, NY. – Id. 3(2): 131-139, pl. 1-3. 1937.

3: 1938, cover (identif.), [31]-43, [44-50] (uncol. liths.). Copy: NY. – Reprinted and to be cited from Anais Prim. Reun. Sul.-Amer. Bot. 3: 31-50. 1938.

***Camus, Aimée (Antoinette)** (1879-1965), French botanist, daughter of E.G. Camus, student in botany with her father, studied with Gaston Bonnier at the Sorbonne, at the Muséum d’Histoire naturelle, associated and working with van Tieghem, “Lauréat de l’Institut” 1930, “Chevalier de la Légion d’honneur” 1936. (*A. Camus*).

HERBARIUM and TYPES: P and PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 305; BL 1: 125, 2: 207; BM 1: 306, 6: 176; Bossert p. 64; Hortus 3: 1190; IH 1 (ed. 6): 356; Kew 1: 462-464; Langman p. 181; MW p. 61-62; MW suppl. p. 31; NI 314-316; PFC 2(2): xx; Plesch p. 153, 169; Roon p. 24; Tucker 1: 133, 768, 773; Zander ed. 10, p. 643, ed. 11, p. 731.

BIOFILE: Anon., Bot. Centralbl. 104(6): 160. 12 Feb 1907 (Prix de Coincy for E. and A. Camus, Classif. monogr. Saules Eur.).

Cavillier, F., Boissiera 5: 31-32. 1941 (bibl.).

Gagnepain, F., in H. Lecomte, Fl. Indo Chine, Prélím. Vol: 36. 1944 (portr., pl. x).

Hariot, P., Bull. Soc. bot. France 51 (Bibl.): 377-380. 1902.

Leandri, J., Adansonia ser. 2. 6: 3-21. 1965 (detailed obit., portr.); AETFAT Bull. 17: 12. 1966.

Lecomte, H., in Camus, Iconogr. orch. 1: 5-13. 1928.

Merrill, E.D., B.P. Bishop Museum Bull. 144: 58. 1937.

Reed, C.F., Bibl. pl. S.E. Asia 25-28. 1969 (bibl.).

COMPOSITE WORKS: (1) See sub E.G. Camus for publications together with E.G. Camus.

OUTSIDE OUR PERIOD: Contribution française à l'étude des Graminées de l'Amérique du Nord au XVIII^e siècle et dans la première moitié du XIX^e siècle, cover-t.p., p. [107]-121. Copy: FAS(B). – Reprinted and to be cited from *Les botanistes français en Amérique du Nord avant 1850*, p. 107-121. 1957.

24.286. Note sur le genre *Typha* ... Notulae systematicae ... 1910. Oct.

Publ.: 10 Nov 1910 (in journal), p. [271]-273. Copy: G. – Reprinted and to be cited from Notul. Syst. (Paris) 1(9): 271-273. 1910.

Note: The reprint is combined with: "*Aponogeton asiatique nouveau*", p. 273-274, and "*Contribution à l'étude des espèces asiatiques du genre Juncus*", p. 274-283.

24.287. *Espèces et variétés de riz de l'Indochine* ... Supplément au "Journal d'Agriculture tropical" ... Paris (Laboratoire d'Agronomie coloniale ...) 1913. Oct. (*Esp. var. riz Indochine*).

Publ.: 31 Aug 1913 (date on p. [1]), p. [1]-28. Copies: B, L. – Reprinted and to be cited from Bull. Lab. Agron. Col., Bull. no 1, Suppl. au J. Agric. trop. 146. – Independent pamphlet.

Note: The above-mentioned title is given on p. [1], the article starting on p. 7 is titled "*Espèces et variétés de riz spontanées ou cultivées en Indochine*".

24.288. Un nouvel *Apocopsis* de l'Asie méridionale ... [Notulae systematicae ... 1914]. Oct.

Publ.: 25 Mai 1914 (in journal), p. 83. Copies: G, L. – Reprinted and to be cited from Notul. Syst. (Paris) 3(1): 83. 1914.

24.289. *Ichnanthus* nouveau de l'Asie méridionale ... [Notulae systematicae ... 1914]. Oct.

Publ.: 25 Mai 1914 (in journal), p. 84-85. Copy: L. – Reprinted and to be cited from Notul. Syst. (Paris) 3(1): 84-85. 1914.

24.290. Note de géographie botanique concernant quelques Graminées de l'Asie orientale, ... Extrait du Bulletin du Muséum d'Histoire naturelle ... 1915. Oct.

Publ.: 1915, p. [1]-4. Copy: L. – Reprinted and to be cited from Bull. Mus. Hist. nat. 21(4): 137-140. 1915.

24.291. Note sur les *Orchidées* de la Vallée de Thorenc ... [Extrait de "Riviera Scientifique", Bull. Assoc. Natural. Nice Alp.-Mar ... 1918]. Oct.

Publ.: Jan-Mar 1918 (date on p. 11), p. [4]-11. Copy: G. – Reprinted and to be cited from Bull. Ass. Natural. Nice Alp.-Mar 5(1): 4-11. 1918.

- 24.292.** *Le × Typha provincialis* (T. angustata × latifolia) A. Camus, dans les Alpes-Maritimes ... Extrait de Riviera Scientifique ... 1918. Oct.
Publ.: Jul-Sep 1918 (date on p. [88]), p. [88]-90. *Copies*: B, G. – Reprinted and to be cited from Bull. Ass. Natural. Nice Alp.-Mar 5(3): 88-90. 1918.
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***Camus, Edmond-Gustave** ["Gustave"] (1852-1915), French botanist and pharmacist, born in Paris, studied at the École de Pharmacie de Paris 1874, having received his diplôme de Pharmacien de Ire classe continuing his botanical studies with G.A. Chatin (plant anatomist and the director of the École de Pharmacie) mainly on the flora of France, "director" and founder of the "Société pour l'étude de la Flore française" 1891, named "Société pour l'étude de la Flore franco-helvétique" 1894-1913, had a pharmacy 1878-1908, dedicating himself fully to botany from 1908. (*E.G. Camus*).

HERBARIUM and TYPES: P, PC. – Further material in F, LE.

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Co-author: Aimée Antoinette Camus (1878-1965), daughter of E.G. Camus.

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Camus, Fernand [Antonin] (1852-1922), French botanist, born at Cholet, Maine-et-Loire, educated at the Lycée d'Angers, studied medicine at Nantes, Dr. med. ib. 1880, stage in the military hospital at Rennes 1875-1876, laboratory-assistant at the Sorbonne 1877, "licencier-ès-sciences naturelles" 1882, teacher at the École Pompée, Ivry-sur-Seine 1884-1899, from 1906 at the Laboratoire de Phanérogamie at the Muséum national d'histoire naturelle, Paris as assistant to L. Mangin. (*F. Camus*).

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Publ.: Jan 1900, cover-t.p., p. [456]-463. Copy: G. – Reprinted and to be cited from C.R. Assoc. Franç. Avanc. Sci. 28: 456-463. 1900. – See BL 2: 143.

Note: Extrait in id. 28(1): 258. Aug 1899 (printer's mark).

Ref.: Anon., Rev. bryol. 27(6): 96. 1900 (brief rev.).

24.414. Présence en France du *Lejeunea Rosettiana* Mass. et remarques sur les espèces françaises du genre *Lejeunea* ... Extrait du Bulletin de la Société botanique de France ... [1900]. Oct.

Publ.: Aug (med.) 1900 (fide Leussink, Taxon 37 (1): 47. 1988, read 22 Jun 1900), p. [187]-205.

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Ref.: Anon., Rev. bryol. 27(6): 96. 1900 (rev.).

Warnstorff, C., Bot. Centralbl. 86(17): 116-117. 17 Apr 1901 (rev.).

24.415. Note sur les *Musciniées* de l'Archipel de Bréhat (Côtes-du-Nord) et étude préliminaire sur les *Musciniées* du Département des Côtes-du-Nord avec une liste des espèces de ce Département ... Nantes (Secrétariat au Muséum d'Histoire Naturelle) [1900]. Oct.

Publ.: 30 Sep 1900 (in journal), cover-t.p., p. [105]-161. Copy: G. – Reprinted and to be cited from Bull. Soc. Sci. nat. Ouest France 10(3): 105-161. 1900.

24.416. *Le Lejeunea* (Phragmicoma Dum.) *Mackayi* (Hook.) en France ... Revue Bryologique 1901. Oct.

Publ.: Jan-Feb 1901 (in journal), p. 2. Copy: G. – Reprinted and to be cited from Rev. bryol. 28(1): 2. 1901.

24.417. Une *Hépatique nouvelle pour la France* l'*Adelanthus decipiens* (Hook.) Mitten ... Nantes (Secrétariat au Muséum d'Histoire naturelle) [1902]. Oct.

Publ.: 31 Mar 1902 (in journal, mss. signed 1 Feb 1902, Bull. Soc. bot. France rd. before 26 Dec 1902), p. [1]-2. Copies: B, G. – Reprinted and to be cited from Bull. Soc. Sci. nat. Ouest France ser.2. 2(1): 1-2. 1902.

Ref.: Anon., Rev. bryol. 29(4): 92. 1902 (brief note).

24.418. Note préliminaire sur un voyage bryologique en Corse ... [Revue bryologique ... Caen (Imprimerie-Reliure Ve A. Domin) 1902]. Oct.

Publ.: Mar-Apr 1902 (in journal, text signed 31 Dec 1901, rd. by Bull. Soc. bot. France 9 Mai 1904), cover-t.p., p. [17]-26. Copies: B, G. – Reprinted and to be cited from Rev. bryol. 29(2): 17-26. 1902.

Note: On p. 26 of reprint also by F. Camus: "Quelques raretés de la Flore bryologique française".

24.419. *Excursions bryologiques en Finistère* ... Le Mans (Imprimerie de l'Institut de Bibliographie de Paris) 1902. Oct.

Publ.: Apr-Mai 1902 (date on cover-t.p., imprint of Institut de Bibliogr. on p. 16: 15 Mai 1901 (sic.), Nat. Nov. Nov (1) 1902), cover-t.p., p. [1]-16. Copies: B, G. – Reprinted and to be cited from Bull. Assoc. franç. Bot. 5(52-53): 76-89. Apr-Mai 1902.

Ref.: Camus, F., Bull. Soc. bot. France 49: 405-406. 1902 (note by author).

24.420. *Lettre de M. Fernand Camus à M. Malinvaud* ... Extrait du Bulletin de la Société botanique de France ... 1902. Oct.

Publ.: Mai (sero) 1902 (fide Leussink, Taxon 37(1) 48. 1988, read 25 Apr 1902), p. [111]-114. Copy: B. – Reprinted and to be cited from Bull. Soc. bot. France 49(3-4): 111-114. 1902.

24.421. *Le Harpanthus flotowianus* Nees ab Es. en France ... Extrait du Bulletin de la Société botanique de France ... 1902. Oct.

Publ.: Jul (sero) 1902 (fide Leussink, Taxon 37(1): 48. 1988), p. [148]-151. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. bot. France 49(5-6): 148-151. 1902.

Ref.: Anon., Rev. bryol. 29(5): 106. 1902 (brief note).

24.422. *Muscinées rares ou nouvelles pour la région bretonne-vendéenne* ... Nantes (Secrétaire au Muséum d'Histoire naturelle) [1902]. Oct.

Publ.: 31 Dec 1902 (in journal, Rev. bryol. Mai-Jun 1903), cover-t.p., p. [297]-326. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. Sci. nat. Ouest France ser. 2. 2(3-4): 297-326. 1902.

Ref.: Dismier, G., Bull. Soc. bot. France 50: 494-495. 1903 (brief note).

24.423. *Le Sphagnum Russowii* Warnst. aux environs de Paris ... Extrait du Bulletin de la Société botanique de France ... 1903. Oct.

Publ.: Jun (med.) 1903 (fide Leussink, Taxon 37(1): 48. 1988, read 13 Feb 1903), p. [165]-168. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 50(2): 165-168. 1903.

24.424. *Révision des espèces du genre Sphagnum* contenues dans l'herbier du Docteur Sauzé ... Extrait du Bulletin de la Soc. bot. des Deux-Sèvres ... 1905. Oct.

Herbier Sauzé: Jean Charles Sauzé (1815-1889), see TL-2/5: 81.

Publ.: 1905, p. [172]-173, [*Quelques notes sur les Sphaignes des Deux-Sèvres*]: 173-175.

Copy: G. – Reprinted and to be cited from Bull. Soc. bot. Deux-Sèvres 17: 172-173, 173-175. 1905.

24.425. *Documents pour la flore bryologique des Alpes-Maritimes* ... [Bulletin de la Société botanique de France ... 1912.]. Oct.

Publ.: Nov (med.) 1912 (fide Leussink, Taxon 37(1): 57, 1988), cover (identif.), p. cxv-cxlix.

Copy: B. – Reprinted and to be cited from Bull. Soc. bot. France 57(SE 2): cxv-cxlix. 1912.

24.426. *Étude préliminaire sur les Muscinées du Département de la Vendée* ... [Bulletin de la Société botanique de France ... 1913]. Oct.

Co-author: Joseph Charrier (fl. 1908-1919).

Publ.: Oct (prim.) 1913 (fide Leussink, Taxon 37(1): 58, 1988), cover-t.p., p. [cxliiii]-clxxxv.

Copies: B, Gr-V. – Reprinted and to be cited from Bull. Soc. bot. France 58(SE 2): cxliiii-clxxxv. 1913.

Camus, Jules [Giulio] (1847-1917), French biologist, born Magny-en-Vexin (Seine-et-Oise), moved to Italy 1873, director of the agricultural station in Modena 1881, moved as teacher (1884), later professor (1889) in french language and literature to the royal military school in Torino, died 25 Jan 1917. (*J. Camus*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 305 (b. 1 Jun 1847, Magny-en-Vexin, Seine-et-Oise, France); BM 1: 306; CSP 13: 40-41; Kew 1: 464; Langman p. 181; LS 4632-4633; Rehder 1: 81, 144, 146; Saccardo 1: 43; Tucker 1: 133, 335.

BIOFILE: Anon., Malpighia 13: 102. 1899.

De Toni, G.B., Mem. R. Accad. Sci. Lett. Modena ser. 3. 13: 219-229. 1918 (bibl.).

Mattirolo, O., Atti Accad. Sci. Torino 52: 736-751. 1917 (bibl.).

24.427. *L'Haplophyllum patavinum* et son habitat en Italie. Quelques mots sur la flore des monts Euganéens ... [Extrait de la Feuille des Jeunes Naturalistes ... Paris (Typ. Oberthür, Rennes-Paris) 1883]. Oct.

- Publ.*: 1 Jun 1883 (in journal), p. [1]-4. *Copies*: G, U. – Reprinted and to be cited from *Feuille jeunes Natural.* 13(152): 109-111. 1 Jun 1883.
- 24.428.** *Térotologie du Paliurus aculeatus* Lam. et du *Gleditschia triacanthos* L. ... [Extrait de la Feuille des Jeunes Naturalistes ... [1884]]. Oct.
Publ.: 1 Sep 1884 (in journal, *Bot. Jahrb.* 31 Jul 1885), p. [1]-4. *Copy*: U. – Reprinted and to be cited from *Feuille jeunes Natural.* 14(167): 143-147. 1 Sep 1884.
- 24.429.** *Studio di lessicografia botanica* sopra alcune note manoscritte del sec. XVI in vernacolo veneto ... [Estr. dal ... *Atti del R. Istituto veneto di Scienze, lettere ed arti* ... Venezia (Tip. Antonelli) 1884]. Oct.
Publ.: Oct 1884 (in journal), cover-t.p., p. [1]-45, [46, identif.]. *Copy*: U. – Reprinted and to be cited from *Atti R. Ist. Veneto Sci. Lett. Arti ser.* 6.2: 1035-1079. 1884.
- 24.430.** *Étude de lexicologie botanique* (additions au dictionnaire de Littré) ... Auch (Imprimerie e Lithographie G. Foix, ...) 1884. Oct.
Publ.: 1884, cover-t.p., p. [1]-24. *Copies*: L, U. – Reprinted and to be cited from *Rev. Bot. Bull. mens.* 3: 121-144. 1884.
- 24.431.** *Anomalie e varietà nella flora del Modenese* ... Estratto dagli *Atti della Società dei Naturalisti di Modena, Rendiconti delle Adunanze* ... Modena (Tip. Vincenzi) 1884 [-1886]. Oct.
Publ.: 1884, cover-t.p., p. [1]-8. *Copies*: G, U. – Reprinted and to be cited from *Atti Soc. Natural. Modena ser.* 3. 2(Rendic.): 58-66. 1884.
Seconda contribuzione: 1885 (*ÖBZ* 1 Jun 1886, *Flora* 21 Mar 1886), cover-t.p., p. [1]-19. *Copy*: U. – *Id. ser.* 3. 2 (Rendic.): 130-147. 1885.
Terza contribuzione: 1886 (*Nat. Nov.* Mai 1887), cover-t.p., p. [1]-11. *Copies*: G, U. – *Id. ser.* 3. 3(Rendic.): 75-85. 1886 [1887].
- 24.432.** *Botanique et philologie* ... [Extrait de la Feuille des Jeunes naturalistes ... Paris (Typ. Oberthür) 1884-1885]. Oct.
Publ.: 1 Dec 1884 and 1 Jan 1885, p. [1]-7. *Copy*: U. – Reprinted and to be cited from *Feuille jeunes Natural.* 15(170): 17-19. 1 Dec 1884, 15(171): 30-32. 1 Jan 1885.
- 24.433.** *Anomalies du Rhinanthus alectorolophus* Lois. ... [Extrait de la Feuille des jeunes naturalistes ... 1885]. Oct.
Co-author: Albert Julius Otto Penzig (1856-1929), see TL-2/4: 156-159.
Publ.: 1 Dec 1885 (in journal), p. [1]-7, *pl. 1*. *Copy*: U. – Reprinted and to be cited from *Feuille jeunes Natural.* 16(182): 13-17, *pl. 1*. 1 Dec 1885.
- 24.434.** *Illustrazione del Ducale erbario estense* conservato nel R. Archivio di stato in Modena ... Modena (Tipi di G.T. Vincenzi e nipoti) 1885. Oct.
Co-author: Albert Julius Otto Penzig (1856-1929), see TL-2/4: 156-159.
Publ.: 1885, cover-t.p., p. [1]-46. *Copies*: G, L, U. – Reprinted and to be cited from *Atti Soc. Natural. Modena, ser.* 3. 4(Mem.): 14-57. 1885.
- 24.435.** *Les Véroniques* et leurs altérations morphologiques ... Extrait de la *Revue de Botanique* ... Auch (Imprimerie e Lithographie G. Foix, ...) 1886 [i.e. 1887]. Oct.
Publ.: Apr 1887 (in journal, *Bot. Jahrb.* 24 Jun 1887), cover-t.p., p. [1]-9. *Copies*: G, U. – Reprinted and to be cited from *Rev. Bot. Bull. mens.* 5(58): 212-220. 1887.
- 24.436.** *Alcune nuove osservazioni teratologiche sulla flora del Modenese* ... Estratto dagli *Atti della Società dei Naturalisti di Modena, ... Modena (Tipi Vincenzi)* 1888. Oct.
Publ.: 1888 (*Bot. Zeit.* 29 Mar 1889), p. [1]-6. *Copy*: U. – Reprinted and to be cited from *Atti Soc. Natural. Modena ser.* 3.7(Mem.): 212-216. 1888.

24.437. Note sur les *hybrides* des *Orchidées* du Nord de la France ... Paris 1889. Oct.
Publ.: 1 Oct 1889 ((fide Leussink, *Taxon* 35 (2): 258. 1986), p. 226-228. *Copy:* MO. –
 Reprinted and to be cited from *Bull. Soc. bot. France* 36 (CRS 5): 226-228. 1889.

24.438. *Historique des premiers herbiers* ... Malpighia 1895. Oct.
Publ.: 1895 in *Malpighia* 9: 283-314. 1895. (no reprint seen, rd. by *Soc. bot. France* before
 31 Jul 1895, *Nat. Nov.* Aug(2) 1895).
Ref.: Malinvaud, E., *Bull. Soc. bot. France* 42: 701-702. Feb 1896.

Canabaeus, Lotte (1904-x), German botanist (phycologist), born in Danzig-Langfuhr, moved 1907 with her parents to Berlin, educated at the “Lyzeum der Gemeinde Lichterfelde” (later Gretheschule), studied at the “Studienanstalt” in Berlin-Steglitz (later Auguste-Viktoria-Schule), matriculation (“Abitur”) Feb 1924, at the Friedrich-Wilhelms-Universität 1924-1929, Dr. phil. ib. 1929. (*Canabaeus*).

HERBARIUM and TYPES: Unknown.

24.439. *Blaualggen* (Cyanophyceen) *des Ess-Sees* ... Sonderabdruck aus “Kryptogamische Forschungen” ... herausgegeben von der Bayer. Botan. Gesellschaft zur Erforschung der heimischen Flora ... 1929. Oct.
Publ.: Jan 1929 (in journal), p. [1]-3. *Copy:* B. – Reprinted and to be cited from *Kryptogamische Forschungen Bayer. bot. Ges. Erforsch. heim. Flora* 2(1): 20-22. 1929.

24.440. Über die *Heterocysten und Gasvakuolen der Blaualggen* und ihre Beziehungen zueinander. Unter besonderer Berücksichtigung der Gattung *Anabaena*. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... Tag der Promotion: 5 Mar 1929. Jena (Gustav Fischer) 1929. Oct. (*Heterocyst. Gasvakuol. Blaualg.*)
Publ.: 5 Mar 1929 (date of defense thesis; preface dated Feb 1929; *J. New York Bot. Gard.* Oct 1929, *Nat. Nov.* Mai 1929), cover-t.p., p. [i-v], [1]-48, [49]. *Copy:* B. – “Lebenslauf” on p. [49].

Canby, Magaret Leslie (later Ries, later Funai) (1904-x), American botanist at Southern California Academy of Sciences ... 1927. (*M.L. Canby*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 305; *Hortus* 3: 1190; *Kew* 1: 468.

24.441. The genus *Corethrogyne* in *Southern California* ... Southern California Academy of Sciences ... 1927. Oct.
Publ.: Jan-Apr 1927 (on p. 8 of reprint), p. 8-16. *Copies:* NY (2). – Reprinted and to be cited from *Bull. Calif. Acad. Sci.* 26(1): 8-16. 1927.

Candargy, C.-A. [Antoin ?] (1825/26-1900 (or later)), Greek botanist, for the few details known see S. Diemar and O. Seberg. (*C.-A. Candargy*).

HERBARIUM and TYPES: Not known, a single specimen is at G (see sub P.C. Candargy, below).

BIBLIOGRAPHY and BIOGRAPHY: *Kew* 1: 468; *Rehder* 1: 479; *Tucker* 1: 134.

BIOFILE: Aymonin, G., letter to Dr. Ole Seberg, København, original at C, copy in TL-2/files. Diemar, S., and O. Seberg, *Taxon* 38(4): 569-575. Nov 1989. (biographical notes (scarce), account of what was known in 1989 of these enigmatic botanist; detailed bibliographical information).

24.442. *Flore de l'île Lesbos*. Plantes, sauvages et cultivées ... Uster-Zürich (Typ. A. Diggelmann) 1889. Oct. (*Fl. Lesbos*).

Publ.: Jan-Mar 1889 (Bot. Jahrb. 25 Apr 1890, Bot. Centralbl. 9 Jul 1889), cover-t.p., p. [ii] of cover errata, p. [1 t.p.]-64. *Copies*: B, G, HH.

Notes (1): Nine further small papers on "Flore de l'île de Lesbos (Mételin)" published in *Revue-Medico-Pharmaceutique*, Constantinople 3-5, 1890-1892, see *Taxon* 38(4): 573. 1989. (2) See also P.C. Candargy, *Vég. Lesbos* 1899.

Ref.: Freyn, J.F., *Beih. Bot. Centralbl.* 1(2): 129-130. 1891 (rev.).

Candargy, Paléologos C. (1870-[unknown]), Greek botanist, son of C.A. Candargy, born at the Island of Lesbos, attended the École polytechnique fédérale de l'Université à Zürich 1887-1889, collected on Lesbos 1889-1894, lived in Constantinople (Istanbul) 1894-1896, in Paris 1896-1899, studied at the Sorbonne (biology, chemistry, physics, geology), Dr. Sci. Paris 1899, from 1900 at the Botanical Garden and Museum of the University of Athens until ca. 1905, further data absent. (*P.C. Candargy*).

HERBARIUM and TYPES: Unknown, a single, fragmentary specimen at G (see *Taxon* 38(4): 572. 1989).

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 305 (b. 1870, Mytilene); *CSP* 14: 44; *Kew* 1: 468; *Tucker* 1: 134.

NOTE: (1): *Flore de l'île de Lesbos*. *Bull. Soc. bot. France* 44: 140-144, 145-162, 369-373, 449-462, 897, 45: 108-115, 181-192. 1898 (plants collected by C.A. and P.C. Candargy).

24.443. *La végétation de l'île de Lesbos, Mytilène ... [Thèse] ... Lille* 1899. Oct. (*Végét. Lesbos*). *Publ.*: 29 Jun 1899 (date of defense thesis; *Nat. Nov.* Sep 1(2) 1900), p. [i]-xxxvi, [1]-62, *pl. 12-16* (incl. map). *Copies*: HH, MO. – Reprinted and to be cited from *Rev. gén. Bot.* 11: 268-280, 310-329, *pl. 12-16*. 1899.

24.444. *Étude monographique sur la tribu des Hordées ... Athènes* (Imprimerie des Établissements Anestis Constantinidis) 1901. Oct.

Publ.: 23 Mai-27 Dec 1901 (fide Diemar and Seberg), cover-t.p., p. [1]-68. *Copies*: HH, P, U. – Reprinted and to be cited from *Arch. Biol. Vég. pure appl.* "I Fascicule": 1-68. 1901. – In Greek language.

Candolle, Alphonse Louis Pierre Pyramus de (1806-1893), Swiss botanist, son of A.P. de Candolle and Fanny née Forras, born at Paris, at Montpellier 1808-1816, at Geneva from 1816, Bachelier-ès lettres at the University of Geneva 1825, studied law, 'docteur en droit' 1829, professor at the Académie de Genève 1829-1835, succeeded his father as the director of the Botanical Garden of Genève 1835-1850, from 1850 working privately. (*A.DC.*)

HERBARIUM and TYPES: G (G-DC), PH, WECO (ex herb. Barratt).

NOTES: (1) The Candolle herbarium (of all Candolles treated) is available on IDC 800/2 microfiche.

(2) The herbarium (400.000), contains material of all Candolles, L'Héritier, Puerari, Wallich, dupl. Lamarck, etc.

(3) Material of collections apart from G-DC, are not specified in IH 2: 114; we have no precise informations on holdings in herbaria, but they will be found also in the herbaria listed under A.P. Candolle.

BIBLIOGRAPHY and BIOGRAPHY: *AG* 2(1): 266, 4: 737, 5(1): 929, 5(2): 99; *Backer* p. 18 (*Alphonsea*); *Barnhart* 1: 306 (b. 27 Oct 1806, Paris, d. 4 Apr 1893, Genève); *BJI* 1: 9; *BL* 2: 6; *BM* 1: 308-309, 6: 179, 470; *Bossert* p. 64; *Bret.* p. 278; *CSP* 2: 190-192, 6: 634, 7: 502-503, 9: 657-658, 12: 188; *DSB* 3: 42-43 (P.E. Pilet); *DTS* 1: 56, xviii-xix, 6(4): 132;

- Frank 3(Anh.): 22; Hortus 3: 1191; HU p. xcii; Jackson p. 529 (index); JW 1: 452; Kew 1: 468-469; KR p. 113; Langman p. 182-183; Lasègue p. 566 (index); Lenley p. 449; Moebius p. 50, 57, 295, 373, 382; Morren ed. 2, p. 32, ed. 10, p. 110; MW p. 63; NAF ser. 2. 4: 41-42; NI 317-318; Plesch p. 171, 186; PR 1484, 1485, 1505, 1507-1513, ed. 1: 2176-2180; Quenstedt p. 72; Rehder 5(index): 147-148; RS p. 77; SK 1: cxviii, cxxi, cxxvi; TL-1: 71, TL-2/1: 433-437 and see indexes; Tucker 1: 8, 134-136, 436, 769; Urban-Berl. p. 336; Zander ed. 10, p. 650, ed. 11, p. 739.
- BIOFILE: Anon., Bot. Not. [notes on *Prodromus*] 1840: 113, 1841: 199, 1845: 81, 1849: 18, 97, 1850: 22, 1853: 186, 1857: 149, 1863: 21, 1874: 45, 1894: 46; Bot. Zeit. 8(4): 72. 25 Jan 1850 (on the retirement of Alph. de C. from his position of director of the Botanical Garden ... "veränderten politischen Ansichten"); 18(43): 348. 26 Oct 1860 (Dr. med. h.c. Basel); 34(48): 766. 1 Dec 1876, (announcement of *Monogr. Phan.*, see TL-2/978); Flora 33(6): 94-95. 14 Feb 1850 (retired from his position at the Jardin Botanique after dispute with the government); 42(16): 255. 1859 (member Akad. Wiss. München), 43(48): 767. 1860 (Dr. h.c. Basel); Bonplandia 8: 327. 1860 (Dr. h.c. Basel); Bot. Gaz. 2(4): 84. 1877, 5(7): 77-79. Jul 1880 (rev. of *Phytographie*, see TL-2/979), 18(5): 194-195. 1893 (obit.); [M. Savy?] Bull. Soc. bot. France 27(Bibl.): 49-52. 1880 (rev. of *Phytographie*, see TL-2/979), 29(Bibl.): 97-100. Jul-Aug 1882 (rev. of *Origine des plantes cultivées* 1882, see TL-2/981), 30: 97-99. 1883 (rev. of *Nouv. remarq. nomencl. bot.* 1883, see TL-2/980); J. Bot. 21: 56-58. Feb 1883 (rev. of *Origine des plantes cultivées* 1882, see TL-2/981), 31: 159. 1893 (brief obit. note); Nat. Nov. 13: 371. 1891 ("Ritter des preussischen Ordens "pour le mérite"); Bot. Centralbl. 54(18/19): 191. 27 Apr 1893 (d. 4 Apr 1893); Leopoldina 29: 108. 1893; Rev. hort. belge étrang. 19: 130-138. 1893 (obit.); Bot. Jahrb. 17 (Beibl. 40): 32. 1893 (d.); ÖBZ 43: 192. 1893 (d.); Gard. Chron. ser. 3. 13: 448-449. 15 Apr 1893; Bull. Torrey bot. Club 20(5): 222. 1893. (d.), 20(6): 260. 1893 (d.); Liste complète des ouvrages et opuscules publiés par [A. de C.], reprint 14 p., s.l., s.d., from Catal. Soc. Phys. Hist. Nat. Genève (B. NY).
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(2) TL-2/977, *Calques fl. Mexique*: Dale Johnson informed us, that *pl.* 756-794 were lacking in the copies of HU, MO, NY and US which might possibly not be published.

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***Candolle**, [Anne] **Casimir** [Pyramus] **de** (1836-1918), Swiss (Genève) botanist, son of Alphonse de Candolle, educated at the Gymnasium libre, Genève, at the University of Paris, "Bachelier" in sciences 1853, final grade in "physic" science 1857, some time in England with Berkeley, travelled in Algeria 1859, studied at Berlin 1860, had never a "public function", working in the Candolle herbarium. (C. DC.).

HERBARIUM AND TYPES: G (G-DC). – See further sub A.P. de Candolle.

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Publ.: Oct 1893 (in journal, Soc. bot. France rd. by 8 Dec 1893), p. [1]-11, pl. 24-25 (uncol. liths. with text). *Copies*: B, G, U. – Reprinted and to be cited from Bull. Herb. Boissier 1(10): 485-495, pl. 24-25. 1893. – Briquet no. 40.
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General author: Marc Micheli (1844-1902), see TL-2/5970.
Publ.: 1893 (Nat. Nov. Dec (1) 1893, Bot. Zeit. 1 Dec 1893), p. [1]-10, pl. 52-54. *Copy*: G. – See TL-2/5970, no. 6: Mém. Soc. Phys. Hist. Nat. Genève 32(2)(6): 1-10, pl. 52-54. 1893. – Briquet no. 154.
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Publ.: 21 Aug 1894 (in journal), cover (identif.), p. [i, title on recto of 224], [224]-230. *Copies*: G, NY. – Reprinted and to be cited from Bot. Jahrb. 19(2/3): 224-230. 1894. – Briquet no. 80.
- 24.524.** *Méliaceae novae* ... Genève (Imprimerie Romet, ...) 1894. Oct.
Publ.: Aug and Sep 1894 (in journal), cover-t.p., p. [1]-9, [11]-18, pl. 21 (uncol. lith. with text). *Copies*: G(2). – Reprinted and to be cited from Bull. Herb. Boissier 2(8): 567-575. Aug, (9): 577-584, pl. 21. Sep 1894. – Briquet no. 179.
Note: On p. 17-18: *Note complémentaire sur le genre Entandrophragma* C.DC.
- 24.525.** *Nouvelles considérations sur la phyllotaxie* ... Extrait des Archives des Sciences physiques et naturelles ... 1895. Oct.

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Publ.: Jun 1895 (date on p. 497), cover-t.p., p. [497]-512. *Copies*: B, G. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 3. 33: 497-512. 1895. – Briquet no. 47.

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Publ.: Aug 1895 (in journal), p. 402. *Copy*: G. – Reprinted and to be cited from Bull. Herb. Boissier 3(8): 402. 1895. – In article H. Schinz, Beitr. Kenntn. Afr. Flora, see TL-2/5: 178. – Briquet no. 180.

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Publ.: Jun 1896 (in journal), p. 428. *Copy*: G. – Reprinted and to be cited from Bull. Herb. Boissier 4(6): 428. 1896. – In article H. Schinz, Beitr. Kenntn. Afr. Flora, see TL-2/5: 178. – Briquet no. 181.

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Publ.: 17 Nov 1896 (fide R. Tournay, Bull. Soc. roy. Bot. Belg. 95(1): 36. 1962), p. [1]-12. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 35(1): 256-267. 1896. – In Durand et Pittier, *Primitiae Florae Costaricensis*. – Briquet no. 200.

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Publ.: Mar 1897 (date on p. [1] of reprint, mss. read Nov 1896, received before 30 Jun 1897), cover, p. [1]-12. *Copies*: B, G. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 4. 3: 197-208. 1897. – Briquet no. 18.

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Co-author: Édouard François André (1840-1911), see TL-2/1: 48-49 and suppl. 1: 119-121, herbarium at K.

Publ.: Aug 1897 (in journal), p. [1]-16. *Copies*: G, U. – Reprinted and to be cited from Bull. Herb. Boissier 5(8): 696-711. 1897. – Briquet no. 136.

24.532. *Sur les phyllomes hypopeltés ...* Genève (H.Georg, Libraire ...) Bâle et Lyon (même maison) 1897. Oct.

Publ.: 1897 (rd. by Soc. bot. France by 24 dec 1897), cover-t.p., p. [1]-8. *Copies*: B, G. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 8: 61-69. 1897. – Briquet no. 7.

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Co-author: Père Luigi [Aloysius, Luis] Sodiro, S.J. (1836-1909), see TL-2/5: 713-717, IH 2: 922. – Casimir de Candolle is the author.

Publ.: Jun 1898 (in journal, also mentioned in TL-2/12.334), p. [1]-19. *Copies*: G, NY, U. – Reprinted and to be cited from Bull. Herb. Boissier 6(6): 477-495. 1898.

Continuation: Jul 1898 (in journal), p. [20]-36. *Copies*: G, NY, U. – Id. 6(7): 505-521. 1898. – Briquet no. 137.

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Publ.: Jul 1898 (in journal), p. [564]. *Copy*: G. – Reprinted and to be cited from Bull. Herb. Boissier 6(7): 564. 1898. – Briquet no. <<?>>.

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Publ.: 1898 (rd. by Bull. Soc. bot. France Oct 1898), p. [1]-37. *Copies*: G, NY. – Reprinted and to be cited from Annu. Cons. Jard. bot. Genève 2: 252-288. 1898. – Briquet no. 72.
Ref.: Briquet, J., Bull. Soc. bot. France 45 (Bibl.): 634-635. Oct 1898 (rev.).
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Publ.: 1899 (rd. by Bull. Soc. bot. France before 23 Jun 1899), cover-t.p., p. [1]-51. *Copies*: B, G, U. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 9: 1-51. 1899. –
Note: in Arch. Sci. Phys. Hist. Nat. ser. 4. 7: 279-280. 1899. – Briquet no. 8.
- 24-538.** *Piperaceae Uleanæ e Brasilia* ... [Separat-Abdruck aus Engler's Botanischen Jahrbüchern ... 1900]. Oct.
Publ.: 4 Sep 1900 (in journal), cover (identif.), title recto of p. [24], p. [24]-27. *Copies*: G, NY. – Reprinted and to be cited from Bot. Jahrb. 29(2) Beibl. 65: 24-27. 1900. – Briquet no. 162.
- 24-539.** *Piperaceae et Meliaceae brasilienses a Cl. W. Schwacke lectae* ... Bulletin de l'Herbier Boissier ... 1901. Oct.
Collector: Carl August Wilhelm Schwacke (1848-1904), see IH 2(6): 861.
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- 24-540.** *Materiaes para a flora Amazonica. IV. Quatro novas especies amazonicas do genero Guarea (Meliaceae)*. Oct.
Author of the Materiaes: Jakob Huber (1867-1911), see TL-2/2: 353-354 and TL-2/3105.
Publ.: Aug 1901, p. 237-240. *Copy*: G. – Reprinted and to be cited from Bol. Mus. Paraense hist. nat. 3: 237-240. 1901. – Briquet no. 184.
- 24-541.** Sur un *Ficus à Hypoascidies* ... Extrait des Archives des Sciences physiques et naturelles ... 1901. Oct.
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- 24-543.** *Piperaceae* ... [Ex Urban: Symbolæ Antillanæ ... [1902]]. Oct.
Publ.: 1 Mar (p. 159-160) and 15 Aug 1902 (p. 161-274), cover (identif.), p. [159]-274. *Copies*: G(2). – Reprinted and to be cited from I. Urban, *Symb. Antill.* 3: 159-274. 1902. – Briquet no. 120.
- 24-544.** *Meliaceae novæ e Nova Guinea, Samoa et Nova-Caledonia* ... Bulletin de l'Herbier Boissier ... 1903. Oct.
Publ.: 28 Feb 1903 (date on p. [1]), p. [1]-20. *Copies*: B, G, U. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 3(3): 161-180. 1903. – Briquet no. 185.

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Publ.: 30 Apr 1903 (in journal), identif. recto of p. [394], p. [394]-414 (also in the series Plantae Hasslerianae p. [56]-76). – Piperac. p. 394-403, Begoniac. p. 403-405, Meliac. 405-414. *Copies*: G, NY. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 3(5): 394-414. 1903. – Briquet no. 156.

24-546. Questions de *morphologie et de biologie végétales* ... Extrait des Archives des Sciences physiques et naturelles ... 1903. Oct.

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Ref.: Gagnepain, F., Bull. Soc. bot. France 52: 50. 1905 (rev.).

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Authorship: Identifications by A.P. de Candolle, published by C. de Candolle.

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Suite (2): 30 Apr 1904, p. [33]-48. *Copies*: G, HH, L, U. – Id. ser. 2.4(5): 459-474. 1904.

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Ref.: Malinvaud, E., Bull. Soc. bot. France 51: 607. 1904 (rev.).

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- 24-554.** *Sur deux Peperomia à feuilles singulières ...* Genève (Bureau des Archives ...) Paris (H. le Soudier), Londres (Dulau & Co.), New York (G.E. Stechert & Co.). 1907. Oct.
Publ.: Feb 1907 (on p. [1], rd. at Berlin 23 Sep 1907), cover (with label with title), p. [1]-9, [11, imprint], 1 pl. ("4") with text. *Copies*: B, G, HH, NY. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 4. 23: 160-168. 1907. – Briquet no. 12.
- 24-555.** *Meliaceae novae ...* Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève ... 1907. Oct.
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- 24-556.** *Piperaceae ...* Ex: Symbolae antillanae seu Fundamenta Florae Indiae occidentalis ... [Lipsiae (fratres Borntraeger), Parisiis (Paul Klincksieck), Londini (Williams & Norgate) 1907]. Oct.
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- 24-557.** *Plantae paraguarienses novae vel minus cognitae ... Pipéracées nouvelles du Chaco ...* Extrait du Bulletin de l'Herbier Boissier ... 1907. Oct.
Published by: Émile Hassler (1861-1937), see TL-2/2: 98-99.
Publ.: 31 Oct 1907 (in journal), p. [86]-88. *Copies*: G, NY. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 7(11): 86-88. 1907. – Also in *Plantae paraguarienses* p. 917-919. – Briquet no. 157.
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- 24-559.** *Piperaceae andinae. Piper L. Section Steffensia C.DC. ...* [Sonderabdruck aus Engler's Botanischen Jahrbüchern ... 1908]. Oct.
Publ.: 24 Jan 1908 (in journal), cover (identif.), title on recto of p. [242], p. [242]-267. *Copies*: G, NY. – Reprinted and to be cited from Bot. Jahrb. 40(3): 242-267. 1908. – Briquet no. 140.
- 24-560.** *Begoniaceae novae ...* Bulletin de l'Herbier Boissier ... 1908. Oct.
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- 24-561.** *Trois Peperomia des Nouvelles-Hébrides ...* Extrait du Bulletin de l'Herbier Boissier ... 1908. Oct.
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- 24-563.** *A revision of Philippine Piperaceae ...* Manila (Bureau of Printing) 1910. Qu. (size).
Publ.: Nov 1910 (date on cover and p. 405), p. [i], 405-463. *Copies*: G, L, NY, U. – Reprinted and to be cited from Philipp. J. Sci. C. Bot. 5(5): 405-463. – Briquet no. 104.
- 24-564.** *Sur les fleurs anormales du Leontopodium alpinum & nivale (Ten.) DC. ...* 1910. Oct.
Publ.: 31 Dec 1910 (in journal), p. [1]-3. *Copies*: B, BH, G, L. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 2. 2(9): 256-258. 1910. – Briquet no. 32.

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- 24.566.** *Piperaceae ... Meliaceae ... Nova Guinea ... Leide [Leiden]* (Libraire et Imprimerie ci-devant E.J. Brill) [1910]. Qu.
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- 24.568.** F. Pax: *Plantae novae bolivianae. V. Piperaceae.* Auctore C. de Candolle ... Sonderabdruck aus Fedde, Repertorium ... 1911 [-1914]. Oct.
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 [2]: 5 Mai 1914 (in journal), p. [304]-311. *Copies*: B, G, L, NY. – Id. 13: 304-311. 1914. "Plantae novae bolivianae. VI. Piperaceae II." – Briquet no. 150.
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First article (Pipéracées de Madagascar): p. 46-51.
Second article (added to this reprint): *Pipéracées de l'Afrique orientale* récoltées par le R.T. Sardeux [Charles Sardeux (1856-1943), see IH 2(6): 807], *on*: p. 51-53. – Briquet no. 82.
- 24.570.** *Piperaceae Meeboldianae Herbarii Vratislaviensis ...* Sonderabdruck aus Fedde, Repertorium ... 1912 [-1914]. Oct.
Collector: Alfred Karl Meebold (1863-1952), see IH 2: 521, main collection (ca. 10.000) at WRSL.
Publ.: [1]: 10 Jun 1912 (in journal), p. [518]-523. *Copies*: B, G. – Reprinted and to be cited from Fedde Repert. spec. nov. 10: 518-523. 1912. – Briquet no. 83.
 [2]: 5 Mai 1914 (in journal), p. [297]-300. *Copies*: B, G. – Id. 13: 297-300. 1914. – Briquet no. 84.
- 24.571.** *Piperaceae ...* [Ex: *Symbolae Antillanae ... Ignatius Urban*] 1912. Oct.
Publ.: 15 Jun 1912 (see TL-2/15.687), cover (identif.), p. [182]-190. *Copies*: G, NY. – Reprinted and to be cited from I. Urban, *Symb. Antill.* 7(2): 182-190. 1912. – Briquet no. 122.
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Publ.: Sep 1912 (date on cover-page), cover-page, p. [i], [iii-iv], [1]-27, [29-30]. *Copies*: G, L, NY. – Issued as Rec. Bot. Surv. India 6(1): [i], [iii-iv], p. [1]-27, [29-30]. 1912. – Briquet no. 90.
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Publ.: Dec 1912, p. [8-9]. *Copies*: G, NY. – Reprinted and to be cited from A. Koorders-Schumacher [TL-2/3871], Syst. Verz. I. (1)(9): 8-9. 1912. – Briquet no. 93.
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- General author:* *Bénédict Pierre Georges Hochreutiner* (1873-1959), see TL-2/2: 219-220.
Publ.: 1912, cover-t.p., p. 231-235, 245-247. *Copies:* G, NY. – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 15/16: 231-235 [87-91], 245-247 [101-103]. 1912. – Briquet no. 94, 116, 193.
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- 24.576.** *The Hawaiian Peperomias* by Casimir de Candolle ... Descriptions of new species of Hawaiian plants by J.F. Rock. Honolulu (published by the College) 1913. Oct. (*Hawaii. Peperom.*).
Author of second paper: Joseph Francis Charles Rock (1884-1926), see TL-2/4: 824-826.
Publ.: 16 Oct 1913 (date on cover-t.p.), cover-t.p., p. [1]-38, pl. 1-8 (uncol. phot.) [Candolle]; p. [39]-49, [50], pl. 9-12 (id.) [Rock]. *Copies:* B, G, L, NY. – Issued as *College of Hawaii Publ., Bull. 2.* – Briquet no. 117.
Note: J.F. Rock, *Descriptions of new species of Hawaiian Plants* on p. 39-50, pl. 9-12. – Introduction by J.F. Rock on p. [3]: 2 Jul 1913.
- 24.577.** *Plantae paraguarienses novae* a cl. E. Hassler et cl. K. Fiebrigio lectae ... [Bull. Soc. bot. Genève ... 1914]. Oct.
Collectors: (1) Emile Hassler (1861-1937), see TL-2/2: 98-99. (2) Karl August Gustav Fiebrig (Fiebrig-Gertz) (1869-1951), see IH 2: 196.
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- 24.589.** Sur la ramification des *Sequoia* ... Genève (Société Générale d'Imprimerie, ...) 1917. Oct.
Co-author: [Richard Émile] Augustin de Candolle (1868-1920), see TL-2/1: 452-453 and this supplement.
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- 24.593.** *Begoniaceae centrali-americanae et ecuadorenses* ... City of Washington (Published by the Smithsonian Institution ...) 1919. Oct. (*Begon. centr.-amer.*).
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- 24.600.** *Piperaceae e Borneo et e Sumatra novae aut nuper repertae* ... Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève ... 1920. Oct.
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- 24.601.** *Piperaceae Celebicae novae* ... Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève ... 1920. Oct.
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- 24.602.** *Piperaceae Mexicanae* ... Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève ... 1920. Oct.
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24.603. Zwei neue *Piper* aus Neu-Mecklenburg ... Sonderabdruck aus Botanische Jahrbücher ... 1922. Oct.

Publ.: 14 Mar 1922 (in journal), p. [354]-355. *Copies*: G, L, NY. – Reprinted and to be cited from Bot. Jahrb. 57(3): 354-355. 1922. – Briquet no. 119.

24.604. New species of *Piper* from Central America ... Reprinted for private circulation from The Botanical Gazette ... 1920. Oct.

Publ.: 15 Sep 1920 (in journal), p. 169-189. *Copies*: G, NY. – Reprinted and to be cited from Bot. Gaz. 70(3): 169-189. 1920. – Briquet no. 132.

24.605. *Piperaceae africanae* ... [Botanische Jahrbücher ... 1922 (i.e. 1920)]. Oct.

Publ.: 27 Jan 1920 (in journal), title recto of p. [18], p. [18]-19. *Copies*: G, L. – Reprinted and to be cited from Bot. Jahrb. 57(1): 18-19. 1920. – Briquet no. 77^{bis}.

24.606. *Piperaceae novae e Micronesia et Polynesia allatae* ... Leipzig (Verlag von Wilhelm Engelmann) 1921. Oct.

Publ.: 18 Feb 1921 (in journal), cover-t.p., p. i (recto of [502]), [502]-506. *Copy*: L. – Reprinted and to be cited from Bot. Jahrb. 56(4): 502-506. 1921.

24.607. *Piperaceae novae pro maxima parte in Piperacearum clavi analytica jam discriminatae, nunc accuratius descriptae*, additis nonnullis anterioribus fusiis descriptis ... Genève ... 1925. Oct.

Publ.: Mai 1925 (in journal), p. [1]-40. *Copies*: B, G. – Reprinted and to be cited from Candollea 2: 187-226. 1925. – Briquet no. 78^{bis}.

24.608. *Begoniaceae novae* ... Extrait de Candollea ... 1925. Oct.

Publ.: Mai 1925 (in journal), p. [1]-2. *Copy*: G. – Reprinted and to be cited from Candollea 2: 227-228. 1925. – Briquet no. 205.

***Candolle, Augustin Pyramus de** (1778-1841), Swiss (Genève) botanist, born at Genève of a family of origin from the Provence, studied at the Genève Académie 1792, student of Vaucher, in Paris meeting the Paris botanists 1796-1808, professor of botany at Montpellier 1808-1816 at the school of medicine and the Science Faculty, from 1816 at Genève “professeur honoraire” at the Académie de Genève, created a botanical garden at the “Bastions”, independent scientist, active in politics and in the “Corps représentatif du pays” from 1816-1841. (DC.).

HERBARIUM and TYPES: G, G-DC (Prodromus herb.). – Further material at AWH, B, DNB, FI, H (herb. Steven, 600 specimens of 1818-1820), LE, M, MP, MPU, P, (PC, P-JU, P-LA), PH, PR.

(1) *Prodromus* herbarium on microfiche IDC 2562.

(2) A.P. de Candolle acquired duplicates of Musci directly from Hedwig, see sub Hedwig, Herbarium and Types.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 266, 4: 737, 5(1): 929, 5(2): 99; Backer p. 100; Barnhart 1: 306; BJI 2: 140; BM 1: 310-311, 3: 1049, 6: 180; Bossert p. 64; Bret. p. 278; CSP 1: 192-195, 9: 657-658, 12: 188; De Toni 1: xxxi, 2: lxxiv; DSB 3: 43-45. 1971; Frank 3(Anh.): 22; GR p. 630; GR cat. p. 61; Hawksworth p. 340 (index); Hegi 4(1): 272; Hortus 3: 1191 (“DC”); IF 692; IH 2: 114; Jackson p. 530 (index); Kew 1: 470-472; KR p. 113-114; Langman p. 183-185; Lasègue p. 566 (index); Lenley p. 449; LS 6615-6628, 32.497-32.498; MD p. 76-79; Merrill p. 448 (13 refs); MW p. 62-64; NI 319-330; Plesch 169-171; PR (see TL-2/1: 438), ed. 1 (see TL-2/1: 438); Rehder 5(index): 148-149; Saccardo 1: 62, 2: 39; SBC p. 48; Stevenson p. 1240; TL-1: 71-77, TL-2/1: 438-452 and see indexes; Tucker 1: 136, 144, 769; Urban-Berl. p. 274, 296; Zander ed. 10, p. 650, ed. 11, p. 739.

NOTES: (1) In the treatment of the publications of A.P. de Candolle (as an experiment) we have inserted a number of publications in journal issues even when we have seen no reprint. (using Tucker 1, 1914. – All publ. listed by Tucker are at HH).

(2) Review by Antonio Bertoloni on A.P. de Candolle, *Revue de la famille des Cactées* 1829, TL-2/1010, in an unidentified reprint, p. 207-256, [1830 ?], copy at MO. We have not found the original Italian journal.

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COMPOSITE WORKS: (1) *L'Herbier de Gaspard Bauhin, déterminé par A.P. de Candolle ... L'Herbier Boissier* 1904, published by Casimir de Candolle, q.v.

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(3) A.P. de Candolle acquired the herbarium of L'Héritier (see TL-2/3: 1) containing ca. 8000 species. This was the basis of A.P. de C.'s private herbarium.

(4) See Delessert, J.P.B., *Icones selectae plantarum*, TL-2/1301 for A.P. de Candolle's important participation. – See e.g. D.F.L. von Schlechtendal, *Bot. Zeit.* 5(11): 187-188. 17 Mar 1847.

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Co-author: Jean Baptiste Antoine Monnet de Lamarck (1744-1829), see TL-2/2: 730-734.

Publ.: 30 Jun 1806, see TL-2/988. – *Copies*: G(2), MICH, NY, U, US, USDA.

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Publ.: 1807 (read 26 Oct 1806), p. [1]-19. *Copy*: G. – Reprinted and to be cited from *Ann. Mus. Hist. nat.* 9: 56-74. 1807. – Briquet no. 31.

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Publ.: Jun-Dec 1808, in Mém. Agric. Econ. Soc. Agric. Seine 11: 1-72. 1808 (n.v.). – Briquet no. 36 (p.p.).

Note: For further “Rapports”, 1809-1813, see Aymonin and Burdet 1983, p. 697-698, and below.

Ref.: Aymonin, G. and H.M. Burdet, Candollea 38: 697. 1983.

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Publ.: 1810 (read 18 Jan 1808), p. [1]-52, 11 *pl.* *Copy*: HU. – Reprinted and to be cited from Ann. Mus. Hist. nat. 16: 135-158, 181-218. 1810. – Briquet no. 41.

Other publication: Extrait in Bull. Soc. Philom. Paris 2: 223-227, 240-241, 255-259. 1810.

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Publ.: 1811, p. [1]-7, 1 *pl.* (uncol. copper engr.) *Copy*: G. – Reprinted and to be cited from Ann. Mus. Hist. nat. 17: 153-159. 1811. – Briquet no. 42. – See ING 1: 331. 1979.

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Publ.: 1813, p. [1]-119. *Copies*: G, HH. – Reprinted and to be cited from Mém. Agric. Econ. Soc. Agric. Seine 14: 213-287. 1811, and 15: 200-240. 1812. – Briquet no. 36 (p.p.).

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Publ.: 1815, in Mém. Mus. Hist. nat. 2: 209-216, *pl.* 8. 1815 (no reprint seen), valid publication of “Rizoctone” only as *Rizoctonia* A.P. de Candolle ex E.M. Fries, Syst. mycol. 1: lv. 1821. – Briquet no. 49. – See ING 3: 1507. 1979.

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Publ.: 1815, in Mém. Mus. Hist. nat. 2: 401-420. 1815 (no reprint seen). – Briquet no. 50.

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- Publ.*: Oct 1817 (in journal), in *Bibl. Univers. Genève, Sci. Arts* 6(2): 119-124. 1817. – No reprint seen. – Briquet no. 56.
- 24.627.** III^{me}. Mémoire sur les champignons parasites ... *Mémoire sur le genre Xyloma* ... [Mém. Mus. Hist. nat. ... 1817]. Oct.
Publ.: 1817, in *Mém. Mus. Hist. nat.* 3: 312-327, *pl.* 13. 1817 (no reprint seen). – Briquet no. 54.
Note: First mémoire, see above 1807, second mémoire: see 1815 (*Mém. Sclerot.*).
- 24.628.** IV^{me}. Mémoire sur les champignons parasites ... *Mémoire sur les genres Asteroma, Polystigma, et Stilbospora* ... [Mém. Mus. Hist. nat. ... 1817]. Oct.
Publ.: 1817, in *Mém. Mus. Hist. nat.* 3: 328-340, *pl.* 14. 1817 (no reprint seen). – Briquet no. 55.
- 24.629.** *Essai élémentaire de géographie botanique* par ... (Extrait du 18^e volumes du Dictionnaire des sciences naturelles). Oct.
Publ.: 1820, p. [i, t.p.], [1]-64. *Copies*: B-S, G(2), HH, MO, NY. – Reprinted and to be cited from *Dict. Sci. nat.* 18: 359-422. 1820. – Briquet no. 64.
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Publ.: 1822, p. [1]-19. *Copy*: HH. – Reprinted from *Dict. Sci. nat.* 24: 165-181. 1822. – For further details see D.E. Johnson, *Huntia* 6(1): 28. 1985. – Briquet no. 72.
- 24.633.** *Mémoire sur la tribus des Cuspariées* ... [A Paris (Chez A. Berlin, ...)] 1822. Qu.
Publ.: 1822, p. 139-154, *pl.* 8-10 (uncol. copper engr.). *Copy*: BKL. – Reprinted and to be cited from *Mém. Mus. Hist. nat.* 9: 139-154, *pl.* 8-10. 1822. – Briquet no. 73.
- 24.634.** *Premier rapport sur les pommes de terre, fait à la classe d'agriculture de Genève, dans la séance de Décembre 1821 ... Étude du produit comparatif des variétés* ... Genève (de l'Imprimerie de J.J. Paschoud) 1822. Oct. (*Rapp. pommes terre*).
Publ.: 1822, p. [1]-56. *Copy*: G. – Briquet no. 74.
- 24.635.** *Notices sur les plantes rares cultivées dans le Jardin botanique de Genève, ...* Genève (Joël Cherbuliez ...), Paris (Même maison ...) 1823-1847. Oct.
Note: In principle a *single issue* of the 10 rapports or notices mentioned in TL-2/997.
Publ.: 1847, "Extrait des Mémoires de la Société de Physique et d'Histoire naturelle de Genève, avec l'addition d'une table des matières et d'une table alphabétique des noms d'espèces". *Notices* 1-4 by A.P. de Candolle, 5-8 by A.P. de Candolle and Alph. de Candolle, 9-10 by Alph. de Candolle. – Title and tables matières followed by the rapports in TL-2/997. – Briquet no. 77.
- 24.636.** *Mémoire sur la famille des Ternstroemiacées, et en particulier sur le genre Saurauja*. Genève 1823. Qu.
Publ.: 1823 (date on reprint, read Jan 1820), p. [i-iv], [1]-38, *pl.* 1-8. *Copies*: BKL, G, HH, PH. – Reprinted and to be cited from *Mém. Soc. Phys. Hist. Nat. Genève* 1: 393-430, *pl.* 1-8. 1822 (1823). – Briquet no. 76.
- 24.637.** *Note sur le feuillage des Cliffortia*. [Paris 1824]. Oct.
Publ.: 1824, in *Ann. Sci. nat.* 1: 447-450. 1824. – No reprint seen. – Briquet no. 81.

- 24.638.** (Further information on TL-2/999:) *Prodromus* 1823 [i.e. 1824]-1873, 17 vols. 1966 (reprint of *Prodromus*), published by J. Cramer, vols. 1-7. Copy: FAS-B. 1987 (id.), published by Koeltz Scientific Books, see *Taxon* 37(4): 943. 1988.
- 24.639.** *Note sur la place de la famille des Cucurbitacées dans la série des familles naturelles ...* [Mém. Sci. Phys. Hist. nat. Genève ... 1825]. Qu. Publ.: 1825, p. [33]-36, pl. 1-5 (uncol. copp. engr.). Copy: G. – Reprinted and to be cited from Mém. Soc. Phys. Hist. Nat. Genève 3(1): 33-36. 1825. – Briquet no. 82.
- 24.640.** *Premier mémoire sur les lenticelles des arbres, et le développement des racines qui en sortent ...* [Annales des Sciences naturelles ... 1826]. Oct. Publ.: Jan 1826 (date on p. [5] wrongly 1825), p. [i, t.p.], [5]-26, pl. 1-2 (p.p. col. copp.). Copies: B, G, HH. – Reprinted and to be cited from *Ann. Sci. nat.* 7: 5-26, pl. 1-2. 1826. – Briquet no. 91. Note: The reprint in B reads on p. 26: Extrait des Annales des Sciences naturelles Juin 1827 [sic].
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- 24.646.** *Notice sur les différens genres et espèces dont les écorces ont été confondues sous le nom de Quinquina.* [Genève 1829]. Oct. Publ.: Jun 1829 (in journal), in *Bibl. Univers. Genève Sci. Arts* 14(2), Tome 41: 144-162. 1829. – No reprint seen. – Briquet no. 107.
- 24.647.** *Notice sur la botanique de l'Inde orientale et les encouragemens que la Compagnie Anglaise lui a accordés ...* [Genève (Bibl. Univ. Sci. Arts) 1829]. Oct. Publ.: Dec 1829 (in journal), p. [1], [3]-12. Copies: G(2), HU(50.347), (info by D.E. Johnson). – Reprinted and to be cited from *Bibl. Univers. Genève* 14(3), Tome 42: 312-320. 1829 – Briquet no. 109. Ref.: Bradley, *Bibl.* 1: 471; PR ed. 1, 2292; Johnson, D.E., *Huntia* 6(1): 28. 1985 (main source).
- 24.648.** *Histoire de la botanique Genevoise, discours prononcé à la cérémonie académique des promotions ...* Genève (J. Barbezat et Ce.), Paris (id.) 1830. Qu. (*Hist. bot. Genev.*). Note: Treated by TL-2/1012. – Further information. Publ.: Jun-Dec 1830 (read 14 Jun 1830), p. [i-iii], [1]-61. Copies: BM, B-S, G, HH, K, LE, MO, NY, P, PH, WIS, WU.

- Preprint from:* Mém. Soc. Phys. Hist. Nat. Genève 5(1): 1-61. 1832 (sic) – Briquet no. 116.
Reviews: Isis (Oken) 24(6): 582-583. 1831, Linnaea (Lit.) 1831: 84-85.
Extract: Bibl. Univers. Genève, Sci. Arts 16(1), Tome 46(1): 34-82. Jan 1831.
Russian translation: by I. Schychowsky, Učen. Zap. Imp. Moskovsk Univ. 11(9): 382-423.
 Mar 1836, 12(10): 43-92. Apr 1836.
Ref.: (info used for the above text): Johnson, D.E., Huntia 6(1): 27-28. 1985.
- 24.649.** *Notice sur la longévité des arbres et les moyens de la constater ...* [Genève ... 1831]. Oct.
Publ.: Mai 1831 (date on p. [1]), p. [1]-28. *Copies:* G, HH. – Reprinted and to be cited from Bibl. Univers. Genève Sci. Arts 16(2), Tome 47: 49-73. 1831. – Briquet no. 118.
- 24.650.** *Revue de quelques ouvrages récemment publiés sur le genre des Saules ...* [Genève ... 1832]. Oct.
Publ.: Jan 1832 (in journal), in Bibl. Univers. Genève Sci. Arts 17(1), Tome 49: 15-27. 1832. – No reprint seen. – Briquet no. 123.
- 24.651.** *Catalogue contenant un choix des plus beaux Dahlia cultivé à Genève dans le jardin de J. Walner ...* [Genève 1832]. Oct.
Publ.: Jan 1832 (in journal), p. 32-37. *Copies:* G, HH. – Reprinted and to be cited from Bibl. Univers. Genève Sci. Arts 17(1), Tome 49: 31-37. 1832. – Signed D.C. – See Tucker 1: 136. – Briquet not mentioned.
- 24.652.** *Dégénérescences ou Métamorphoses, in Physiologie végétale, ou exposition des forces et des fonctions vitales des végétaux, pour servir de suite à l'organographie végétale, et d'introduction à la botanique géographique et agricole ...* Paris (Béchet jeune, libraire de la Faculté de Médecine, ...) 1832. Oct.
Publ.: 1832, p. [i-iv], [1]-594. *Copy:* G. – Reprinted and to be cited from Physiologie végétale 2: 463-1056 (see 771-777). – Briquet no. 122.
Note: A.P. de C. received a golden medal for this work from the London Royal Society.
Ref.: Schmid, G., Goethe u. d. Naturwiss. 212 (no. 1716-1717) 1903 (A.P. de C. & Goethe).
- 24.653.** *Notice sur les progrès de la botanique pendant l'année 1832 ...* Tiré de la Bibliothèque universelle ... Genève (Imprimerie de la Bibliothèque universelle) 1833. Oct.
Publ.: Jan 1833 (date on t.p. of reprint), p. [i, h.t.], [1]-53, [54, adv.]. *Copies:* G, U. – Reprinted and to be cited from Bibl. Univers. Genève Sci. 18(1), Tome 52: 142-192. 1833. – Also in Arch. Bot. Guillemin 2: 22-57, 138-154. 1833. – Briquet no. 128.
Note: Further information for TL-2/1013.
- 24.654.** *Genres nouveaux appartenant à la famille des Composées ou Synanthérées ...* [Ex Arch. Bot. Guillemin, Paris 1833]. Oct.
Publ.: 1833 (read 23 Jul 1833), cover (identif.). p. [1]-6. *Copies:* L, LC. – Reprinted and to be cited from Arch. Bot. Guillemin 2: (Première décade (1)). 330-334, (Deuxième décade (2)). 514-519. 1833. – Briquet no. 125.
- 24.655.** *Note sur la division du règne végétal en quatre grandes classes ou embranchemens, lue à la Société de Physique et d'Histoire naturelle de Genève, en Novembre 1833 ...* [Bibl. Univ. ... 1833]. Oct.
Publ.: Nov 1833 (in journal), p. 1-10. *Copies:* G(2). – Reprinted and to be cited from Bibl. Univers. Genève 18(3), Tome 54: 259-268. – Briquet no. 127.
- 24.656.** *Notice historique sur la vie et les travaux de M. Desfontaines ...* [Bibliothèque universelle, Genève 1834]. Oct.
Publ.: Feb 1834 (in journal), p. [1]-12. *Copies:* B, G. – Reprinted and to be cited from Bibl. Univers. Genève Sci. Arts, 19(1), Tome 55: 130-159. – Also in Ann. Sci. nat. 1834 (Mars). On René Louiche Desfontaines 1750-1833, see TL-2/1: 627-630. – Briquet no. 130.

- 24.657.** *Instruction pratique sur les collections botaniques ...* Tiré de la Bibliothèque universelle ... Juin 1834. Oct.
Publ.: Jun 1834 (date on t.p. of reprint), p. [1], [2 blanco], [insert i], 3-25. *Copies:* NY, U. – Reprinted and to be cited from *Bibl. Univers. Genève, Sci. Arts* 19(2), Tome 56: 169-191. 1834. – Briquet not mentioned.
- 24.658.** *Botanique de la Chine septentrionale ...* [Paris, 1834]. Oct.
Publ.: 1834, in *Ann. Sci. nat. Bot. ser.2. 2:* 121-125. 1834 (no reprint seen.) – Briquet no. 129.
- 24.659.** *Notice sur la géographie botanique de l'Italie ...* (Genève Bibliothèque Univ. Genève, Sci. Arts ...) 1835. Oct.
Publ.: Jun 1835, p. [1]-11. *Copy:* HH. – Reprinted and to be cited from *Bibl. Univers. Genève, Sci. Arts* 20(2), Tome 59: 193-201. 1835. – Briquet not mentioned.
- 24.660.** *Notice sur les arbres indigènes et exotiques de la Suisse, adressée par M.A. De Candolle A.M. London, éditeur du Gardeners Magazine et de l'Arboretum britannicum, Tiré de la Bibliothèque universelle ...* 1835. Oct.
Publ.: Oct 1835 (date on p. [1]), p. [1]-20. *Copy:* NY. – Reprinted and to be cited from *Bibl. Univers. Genève, Sci. Arts* 20(3), Tome 60: 197-225. 1835. – Briquet not mentioned.
- 24.661.** *Notice sur les graines d'Ananas ...* Extrait ... des Mémoires de la Société de Physique et d'Histoire naturelle de Genève ... [1836]. Qu.
Publ.: 1836, p. [1]-7, *pl. 1-2* (uncol. copper engr.). *Copies:* G, PH. – Reprinted and to be cited from *Mém. Soc. Phys. Hist. Nat. Genève* 7: 161-167. 1836. – Also p.p. in *Ann. Sci. nat. Bot. ser. 2. 4:* 57-61. 1835. – Briquet no. 133.
- 24.662.** *Observations sur la structure et la classification de la famille des Composées ...* Paris (Treutel et Würtz). Strasbourg. 1838. Qu. (*Obs. Compos.*).
Publ.: 25 Aug 1838 (Börsenbl. rd. by 25 Aug 1838; *Flora* 23 Oct 1838), p. [i-iv], [1]-44, *pl. 1-19*. *Copies:* G, HH, U. – Also issued in *Collection de Mémoires* 1828-1838, see TL-2/1008 f. – Briquet no. 103.
- 24.663.** *Statistique de la famille des Composées ...* Paris (Treutel et Würtz), Strasbourg. 1838. Qu. (*Statist. Compos.*).
Publ.: 8 Sep 1838 (date in text, but announced by *Börsenblatt* "... bis 3 Sep 1838, *Flora* 7 Jan 1839"), p. [i*-iii*], [i-iii], [1]-22, errata after p. 22. *Copies:* G, HH, U. – Also issued in *Collection de mémoires* 1828-1838, see TL-2/1008. – Briquet no. 103.
Ref.: Schlechtendal, D.F.L. von, *Linnaea* 13 (Litt.) 178-180. Sep-Oct 1839 (rev.).
- 24.664.** *Notice sur M.J.F. de Chaillet ...* [Mém. Soc. Sci. Neuchâtel ... 1839]. Qu.
Subject: Jean Frédéric Chaillet (1747-1839), see TL-2/1: 481.
Publ.: 1839, p. [1]-8. *Copy:* MO. – Reprinted and to be cited from *Mém. Soc. Sci. Neuchâtel* 2(suppl.): 1-8. 1839. – Briquet no. 137.
- 24.665.** *Description d'une nouvelle espèce de Figuier (Ficus Saussureana) ...* Lue à la Société de Physique et de Histoire naturelle de Genève ... [Mém. Soc. Phys. hist. nat. ... 1840]. Qu.
Artist: Jean Christophe Heyland (né Kumpfler) (1792-1866).
Publ.: 1840 (read 1 Apr 1840), p. [65]-73, *1 pl.* (col. lith. Heyland). *Copies:* B, G, HH. – Reprinted and to be cited from *Mém. Soc. Phys. hist. Nat. Genève* 9(1): 65-73, *1 pl.* 1840. – Correction for TL-2/1016. – Briquet no. 138.
- 24.666.** *Monstrosités végétales, premier fascicule ...* Neuchâtel (Imprimerie de Petitpierre) 1841. Qu.
Co-author: Alphonse de Candolle (1806-1893).
Publ.: 1841, p. [i], [1]-23, *pl. 1-7* (p.p. col. liths.). *Copy:* U. – Reprinted and to be cited from *Nouv. Mém. Soc. Helv. Sci. nat.* 5(1): 1-23, *pl. 1-7.* 1841. – Briquet no. 139.

24.667. *Neuvième notice sur les plantes rares* cultivées dans le Jardin Botanique de Genève ... Genève 1845. Qu.

Publ.: 1845, p. [1]-20, *pl. 1-2*. – No reprint seen. Published in *Mém. Soc. Phys. Hist. Nat. Genève* 11(1): 67-84, *pl. 1-2*. 1845. – Briquet no. 77.

Note: For Notes 1-8 and 10 see TL-2/997, contrary to what is mentioned there notes 7 and 8 are also by A.P. and Alph. de Candolle.

Ref.: Schlechtendal, D.F.L. von, *Bot. Zeit.* 4: 115-116. 13 Feb 1846.

24.668. *Méthode analytique pour les plantes phanérogames* extrait de la Flore française de De Candolle ... Payerre (Imprimerie de L.-P. Aigroz) 1846. 12-mo. (*Méth. anal. pl. phan.*).

Publ.: 1846, p. [i]-vii, [viii, abrev.], 1-302, [1]-23. *Copy:* MO. – An extract from J.B. de Lamarck and A.P. de Candolle, *Fl. franç.* 1: 1-59, 173-377. 1815 with slight differences. – See TL-2/987.

24.669. *Mémoires et souvenirs* de Augustin-Pyramus de Candolle ... écrits par lui-même et publiés par son fils ... Genève (Joël Cherbuliez, ...) Paris (même maison, Rue de la Monnaie ...) 1862. Oct. (*Mém. Souv.*).

Published by: Alphonse-Louis-Pierre-Pyramus de Candolle (1806-1893).

Publ.: 1862 (p. xvi: 1 Nov 1861 date preface) p. [i]-xvi, [1]-569. *Copies:* FAS(B), G, U. – *Ref.:* L.C.T., *Bot. Zeit.* 20(21): 164-168. 1862 (rev.).

Candolle, C., *Mém. Souv. de A.P. de Candolle*, Table alph. Geneve 1910, 15 p. (alphabetical table of persons in this work).

Candolle, Alph. de, *J. Bot.* 1: 288. 1863 (on error in the *Mém. souv.*).

Flourens, M.J.P., *Mem. of Pyr. de Cand.*, *Ann. Rep. Board. Reg. Smithson. Inst.* 1: 271-283. 1847.

Schmid, Goethe und die Naturw. Halle 279. 1900 (see influence of Goethes botanical ideas).

Fourmier, E., *Bull. Soc. bot. France* 9: 142-144. Mai 1862 (rev.).

Gray, A., *Amer. J. Sci. Arts ser. 2.* 35: 1-16. 1863.

***Candolle, [Richard-Émile-] Augustin de** (1868-1920), Swiss botanist, born in England, son of Casimir de Candolle, educated at Rugby 1883-1887, spent some time in Frankfurt a. M., studied law at Heidelberg and Leipzig 1890-1893, returned to Genève dedicating himself to botany working with his father at the Candolle herbarium, British consul at Genève 1912, president of the Société botanique de Genève 1903-1907. (*Aug. DC.*)

HERBARIUM and TYPES: G (G-DC).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 306 (b. 8 Dec 1868, Walton-on-Thames, d. 4 Mai 1920, Vallon, Genève); BM 6: 180; Bossert p. 65; Kew 1: 472; TL-2/1: 452-453, and see indexes; Tucker 1: 136.

BIOFILE: Anon., *Bot. Not.* 1920: 126 (d.); *Hedwigia* 62(2) (Beibl.): (146). 1921 (d. Mai 1920). Beauverd, G., *Bull. Soc. bot. Genève ser. 2.* 12: 20-22. 1920 (bibl.).

Briquet, J., *Verh. Schweiz. naturf. Ges.* 101 (necrol.): 1-6. 1920, *J. de Genève* 11 Mai 1920, *Ber. Schweiz. bot. Ges.* 50a: 164-168. 1940 (biogr., bibl.).

Burdet, H.M., *Candollea* 28: 169-170. 1973 (handwriting samples).

Burnat, É., *Bull. Soc. bot. France* 30: cxvi. 1883.

Candolle, Roger de and J. Miège, *Musées de Genève*, no. 143. Mar 1974.

Chodat, R., *Arch. Sci. Phys. Hist. Nat. ser. 5.* 2: 170-175. 1920 (bibl., biogr.).

Hochreutiner, B.P.G., *Le Patrie Suisse* 697: 137-139. 9 Jun 1920 (obit., portr.).

Mägdefrau, K., *Gesch. Bot.* 262, 263. 1973.

Prain, D., *Kew Bull.* 1920(6): 219-220. (death-notice, b. 8 Dec 1868, d. 4 Mai 1920).

R.C. et J.M., *Musées de Genève* 143: 21-22. 1974 (brief note on Augustin de C.; portr., Mrs. Augustin de C.).

Wittrock, V.B., *Acta horti Berg.* 3(3): 161. 1905 (on portr.).

24.670. *Plantae madagascarienses* ab Alberto Mocquerysio lectae ... Bulletin de l'Herbier Boissier ... 1901. Oct.

Collector: Albert Mocquerys, Belgian [?] plant collector in Portuguese W. Afrika, Madagascar, São Tomé, and Venezuela, ca. 1890-1898 (see IH 2: 545, further details lacking).

Publ.: 31 Mai 1901 (date on p. 1), p. [1]-39. *Copies:* G(3), U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 1(6): 549-587. 1901. – Various taxa identified by J. Briquet, R. Buser, C. de Candolle, H. Christ, B.P.G. Hochreutiner, L.A.T. Radlkofer, H. Schinz. – Briquet no. 3.

24.671. *Tiliaceae et Sterculiaceae novae* ... Bulletin de l'Herbier Boissier ... 1902. Oct.

Publ.: 30 Apr 1903 (date on p. [1]), p. [1]-6. *Copies:* G(2), U. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2.3(5): 365-370. 1903. – Briquet no. 4.

24.672. *Plantae tonquinenses* ... Bulletin de l'Herbier Boissier ... 1904. Oct.

Publ.: 31 Oct 1904 (date on p. [1]), p. [1]-4. *Copies:* G, U. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 4(11): 1069-1072. – Briquet no. 11.

24.673. *La parthénogenèse chez les plantes d'après les travaux récentes* ... Genève ... 1905. Oct.

Publ.: Mar 1905 (in journal), p. [1]-14. *Copies:* G, HH. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 4. 19: 259-272. 1905. – Briquet no. 13.

24.674. *Biologie des capsules monospermes* ... Bibliothèque universelle ... Genève (Bureau des Archives, ...), Paris, Lourdes, New York ... 1908. Oct.

Publ.: Mar 1908 (date on p. [1]), cover-t.p., p. [1]-21. *Copies:* B, G, HH, L. – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 4. 25: 228-248. 1908. – Briquet no. 19.

24.675. Revision of the *Philippine species of Elaeocarpus* ... Leaflets of Philippine Botany ... 1909. Oct. (*Philipp. Elaeocarpus*).

Publ.: 29 Mai 1909 (date on p. 633), p. [633]-638. *Copies:* G(2), U. – Issued as Leaflet Philipp. Bot. 2(35): 633-638. 1909 – Briquet no. 20.

24.676. *Myrsinaceae novae tonkinenses* ... Sonderabdruck aus Fedde, Repertorium ... 1910. Oct.

Publ.: 25 Jun 1910 (in journal), p. [353]-354. *Copies:* B, G(2) – Reprinted and to be cited from Fedde Repert. spec. nov. 8: 353-354. 1910. – Briquet no. 22.

24.677. A propos du mémoire de A. Woeikof sur l'*extension du Hêtre* fonction du Climat ... Extrait des Archives des Sciences physiques et naturelles ... 1910. Oct.

Author of mémoire: Alexandre Ivanovich Woeikof (fl. 1910).

Publ.: Dec 1910 (date on p. [1]), cover-t.p., p. [1]-3. *Copies:* G(2). – Reprinted and to be cited from Arch. Sci. Phys. Nat. ser. 4. 30: 588-590. 1910. – Briquet no. 23.

Candrian, Moritz [Murezzan] (1847-1930), Swiss botanist, born at Sagens, Graubünden, educated at the Lehrerseminar at Chur ca. 1863-1866, teacher at Fetan, Unterengadin 1861, at Schnaus im Oberland, and Celerina (Engadin), teacher and forester in Samaden, Graubünden, interested mainly in the vegetation of the Engadin 1881-1927. (*Candrian*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 111; Barnhart 1: 306 (b. 17 Oct 1847, Sagens, Graub., d. 24 Oct 1930); BL 2: 574, 637; Kew 1: 472.

BIOFILE: Tönjachen, R.O., Ber. Schweiz. bot. Ges. 40: xi-xiii. 1931 (biogr., b. 17 Oct 1847, Sagens, d. 24 Oct 1930, Samaden), also published in "Engadiner Post", 28 Oct 1930 and "Neue Bündner Zeitung", 27 Oct 1930.

24.678. *Katalog der Oberengadiner Flora <Gefäßpflanzen> ... Chur* (In Kommission der F. Schuler'schen Buchhandlung) 1928. Oct. (*Katal. Obereng. Fl.*).

Preface: Braun-Blanquet, Josias (1884-1980), see TL-2/1: 310-311 and this suppl.

Publ.: 1928 cover-t.p., p. [i]-xx, [1]-174. *Copy:* G.— Issued as Beilage zum Jahresbericht naturf. Ges. Graubünden, Chur. 1927/28.

Note: Pages v-xiv (to species no. 348) first appeared with title *Flora des Oberengadins*. Jahresber. naturf. Ges. Graubünden ser. 2. 5. 66, Beilage. — See BL-2: 574.

Cannarella, Pietro (fl. 1899-1910), Italian botanist, assistant at the botanical garden at Catania. (*Cannarella*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 391, 392, 637; Saccardo 2: 27.

BIOFILE: Anon., Deut. Bot. Monatsschr. 15(4): 132. Apr 1897; Bot. Centralbl. 69(10): 335. 4 Mar 1897; Allg. Bot. Zeitschr. 3: 72. 15 Apr 1897.

Pampanini, R., Bot. Centralbl. 107(19): 493. 12 Mai 1908 (“Mattei, G.E. and P. Cannarella, Flora esotica palermitana. Nota prima, Palermo 1907. 8-o, 10 p.”).

24.679. *Ricerche sull' apparato florale dell' Arisarum proboscideum, Savi ...* [Contr. Biol. veget. ... 1909]. Oct.

Publ.: 1909, p. [119]-142. *Copy:* BR. — Reprinted and to be cited from Contr. Biol. veget. 4(2): 119-142. 1909.

24.680. *Notizie sulla flora ruderale della Sicilia ...* [Bolletino R. Orto botan. e Giardino coloniale. Palermo ... 1910]. Oct.

Publ.: 1910, p. [51]-145. *Copy:* BR. — Reprinted and to be cited from Boll. R. Orto bot. Giard. colon. Palermo 9(1-3), App.: 51-145. 1910.

Cannon, William Austin (1870-1958), American botanist, born 23 September 1870 in Washington, Michigan, died 16 January 1858 in Palo Alto, California, first resident investigator in the Carnegie Institute's Desert Botanical Laboratory in Tucson, Arizona [duties upto 1 Sep 1903], plant physiologist, he traveled extensively in Africa and in the arid parts of Mexico. (*W.A. Cannon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 307 (b. 23 Sep 1870, Washington, Mich.); Kew 1: 473.

BIOFILE: Anon., Bot. Centralbl. 92(24): 592. 16 Jun 1903 (“will be in charge ... up his duties on Sept. 1st. 1903”); Hedwigia 42(5) (Beibl.): (295). 7 Oct 1903 (id.).

Knobloch, I.W., Mich. State Univ. Jun 1979 (the Plant Collectors of N. Mexico); Phytologia Memoirs 6: 13. 1983.

24.681. A morphological study of the *flower* and embryo of the wild oat, *Avena fatua* L. ... Proceedings of the California Academy of Sciences ... San Francisco (Published by the Academy) 1900. Oct. (*Flower Avena fatua*).

Publ.: 21 Apr 1900 (date on p. [i]), p. [i], 329-364, pl. 49-53 (uncol. draw.). *Copies:* BR, NY. — Issued as Proc. Calif. Acad. Sci. Bot. ser. 3. 1(10). 1900.

24.682. The *root habits* of desert plants ... Washington, D.C. (Carnegie Institution of Washington) 1911. Oct. (*Root hab. des. pl.*).

Publ.: 28 Mar 1911 (stamped in publ.), p. [1]-96, pl. 1-23 (uncol. phot.). *Copies:* BR, MO. — Issued as Carnegie Inst. Washington, Publ. no. 131.

24.683. *Botanical features of the Algerian Sahara ...* Washington D.C. (Carnegie Institution of Washington) 1913. Oct. (*Bot. feat. Alg. Sah.*).

Publ.: 6 Aug 1913 (stamped in publ.; Nat. Nov. Aug (2) 1913), cover-t.p., p. [i]-vi, pl. A (map) [1]-81, pl. 1-36 (uncol. phot.), fold. map. *Copies*: BR, MO. – Issued as Carnegie Inst. Washington Publ. no. 178.

24.684. *Plant habits and habitats in the arid portions of South Australia ...* Washington (Published by the Carnegie Institution of Washington) 1921. Oct. (*Pl. arid. port. S. Austr.*).

Publ.: 1921 (Nat. Nov. Jul 1924), cover-t.p., p. [i]-viii, 1-139, pl. 1-32 (uncol. phot.). *Copies*: BR, G, L, MO. – Issued as Carnegie Inst. Washington, Publ. no. 308.

24.685. General and physiological features of the *vegetation* of the more *arid portions* of *southern Africa*, with notes on the climatic environment ... Washington (Published by the Carnegie Institution of Washington, August, 1924). Oct. (*Veg. arid. port. south. Afr.*).

Publ.: Aug 1924 (Nat. Nov. Feb 1925), cover-t.p., p. [i]-viii, 1-159, pl. 1-31 (uncol. phot.).

Copy: L. – Issued as Carnegie Inst. Washington, Publ. no. 354.

Ref.: Anon., J. New York Bot. Gard. 26(301): 18. Jan 1925.

Cantienny, G. (fl. 1854), German teacher at the Gymnasium in Zittau. (*Cantienny*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 307 (no dates); BM 1: 312; Futak-Domin p. 132; PR 1521; Rehder 1: 383.

24.686. Zur Hauptprüfung des Gymnasiums in Zittau, welche den 3. und 5. April d. J. im Auditorium der ersten Classe gehalten werden soll, ladet hierdurch im Namen des Lehrer-Collegiums ergebenst ein Heinrich Julius Kämmel, Conrector. Inhalt: 1. *Verzeichniss der in der Umgegend von Zittau wild wachsenden, offenblüthigen Pflanzen.* Von G. Cantieny, Coll. VIII. 2. Schulnachrichten. Vom Conrector. Zittau (gedruckt bei Johann Gottfried Seyfert) [1854]. Qu. (*Verz. Zittau offenbl. Pfl.*).

Publ.: 3 Apr 1854 (date of "Hauptprüfung"), p. [i], [iii, iv], [1]-21 (1. Verzeichniss ... Cantieny), [22]-36. Schulnachrichten. *Copies*: B-S, G, MO.

Ref.: Anon., Bot. Zeit. 13: 374. 25 Mar 1855 (note).

Cantley, Nathaniel (x-1888), British (Thurso, Scotland, Caithness born) gardener, Kew gardener 1869-1872, assistant director Mauritius Botanic Garden 1873, superintendent Singapore Botanic Gardens 1880-1888. (*Cantley*).

HERBARIUM and TYPES: K and SING (Mauritius and Malay Pen.). – Alvins, M.U. was "Cantley's Collector", 2840 nos. at SING, see IH 2: 33. – Letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 101; Barnhart 1: 307 (d. 1888, Tasmania); BB p. 58 (b. 1887, err.); CSP 14: 48; Desmond p. 117; Hortus 3: 1190; IH 2: 115; Kew 1: 473-474; Morren ed. 10, p. 146; Rehder 1: 68; SK 1: 100, 4(2): 86, 92, (xxxiii, xxxvi); TL-2/see 9734 ("Capt. Cantley, not N. Cantley"); Tucker 1: 139.

BIOFILE: Anon., J. Kew Guild 1898, p. 37 (port.); Kew Bull. 1910(5): 156.

Burkill, I.H., Gard. Bull. Straits Settle. 4(4/5): 119. 1927.

Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 330. 1938 (director Bot. Gard. Singapore 1880-1887 [sic]).

Jackson, B.D., Kew Bull. 1901: 13 (305 specimens at K from Mauritius and Malaya).

Rendle, A.B., Gard. Bull. Straits Settle. 2: 101-103. 1918.

Ridley, H.N., Fl. Malay Peninsula 1: xvii, 436. 1922.

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24.687. *Catalogue of plants in the Royal botanical Gardens, Mauritius ...* Port Louis, Mauritius 1880. Oct. (*Cat. pl. bot. Gard. Mauritius*).

Publ.: 1880, p. [i* -iii*], [i-xii], [1]-173. *Copies*: HH, K.

24.688. *Notes on economic plants*; being an appendix to the Report on the Botanic Gardens [of the Straits Settlements] for 1885 ... [Singapore 1886]. Oct.

Publ.: 1886, p. [1]-11. *Copy*: HH.

Id. for 1886: 1887 (Nat. Nov. Feb (1) 1888), p. [1]-40. *Copy*: HH. – *Note on economic plants*, being an appendix to the Report on the Forest department of the Straits Settlements for the year 1885, Singapore 1887. Oct. – *Fide* E.M. Tucker p. 139.

Cap, Paul-Antoine, called Gratacap (1788-1877), French pharmacist and botanist, born at Mâcon, at Lyon from 1817-1829, at Paris from 1829-1877. (*Cap*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 307 (b. 2 Apr. 1788, Mâcon, d. 11 Nov 1877, Paris); BM 1: 312; Kew 1: 474; Plesch 835 (q.v.); PR ed. 1: 1676-1678; Tucker 1: 139-140.

BIOFILE: Magnin, A., Bull. Soc. Bot. Lyon 32: 14-15. 1907 (brief biogr., lists main works, born 2 Apr 1788, Mâcon, d 11 Nov 1877, Paris).

Schneider, K., Gesch. Botanik 666. 1907 (no. 153).

24.689. *Le muséum d'histoire naturelle: histoire de la fondation et des développements successifs de l'établissement; biographie des hommes célèbres qui y ont contribué par leur enseignement ou par leurs découvertes, histoire des recherches, des voyages, des applications utiles auxquels le muséum a donné lieu, pour les arts, le commerce et l'agriculture, description des galeries, du jardin, des serres et de la ménagerie ...* Paris (L. Curmer) 1854. Oct.

Publ.: 1854, p. [i-ii], frontisp. (col.), [iii-vii], uncol. lith., [1]-180, 16 pl. (portr. sci.), 3 maps (of garden), [1]-238, 5 pl. (garden views), 6 p. ("nos 8, 9, 7, 13, 3", sic). *Copies*: MO, U.

Capeder, Emil (1874-1947), Swiss (Chur) botanist. (*Capeder*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 574.

24.690. *Beiträge zur Entwicklungsgeschichte einiger Orchideen.* Inaugural-Dissertation zur Erlangung der Doctorwürde bei der Hohen philosophischen Facultät der Kgl. bayer. Ludwig-Maximilians-Universität zu München ... München (Druck von Val. Höfling, ...) 1898. Oct.

Publ.: 1898, cover-t.p., p. [1]-62, pl. 16-17 (uncol. liths.). *Copy*: G. – Reprinted and to be cited from *Flora* 85(4): 368-423, pl. 16-17. 1898.

24.691. *Excursions- und Schul-Flora von Chur und Umgebung mit Berücksichtigung des anschliessenden Gebietes von Arosa ...* Chur (F. Schulcr, Verlag ...) [1904]. Oct. (*Exc-Schul-Fl. Chur*).

Publ.: 1904 (preface signed 29 Mai 1904), p. [i]-xliii, [xliv], [1]-372, 1-62, [63], 1 fold map. *Copies*: B, G. – See BL 2: 574.

Ref.: M. Rikli, Bot. Centralbl. 96(34): 198. 30 Aug 1904 (rev.).

Capelle-Springe, G. (fl. 1907), German pharmacist. (*Capelle-Springe*).

HERBARIUM and TYPES: Unknown.

24.692. *Untersuchungen über die Beschaffenheit käuflicher Filix-Rhizome ...* Apotheker-Zeitung ... Berlin C. (Druck von Denter & Nicolas) 1907. Oct.

Publ.: 29 Mai 1907 (in journal), p. [1]-2. *Copy*: B. – Reprinted and to be cited from *Apotheker-Zeitung* 1907(43): 433-434.

***Capelli, Carlo [Matteo]** (1763-1831), Italian mathematician, pharmacist and botanist, born at Scarnafiggi (Cuneo), professor of botany and medical material at the University of Torino 1817-1829. (*Capelli*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 307 (b. 5 Mar 1763, at Scarnafiggi, d. 17 Oct 1831, Pontebba); BM 1: 313; Bossert p. 65; Jackson p. 438; Kew 1: 475; LS 4654; PR (p. 56) 1523, ed. 1: 1680; Rehder 1: 62, 5(index): 150; Saccardo 1: 44, 2: 27-28; TL-2/1: 453 and no. 1019.

BIOFILE: Baillon, H.E., *Dict. bot.* 1: 614. 1878.

Burnat, É., *Bull. Soc. bot. France* 30 (S.E.): cxvi. 1883.

Cavillier, F., *Boissiera* 5: 34. 1941.

Gager, C.S., *Brooklyn Bot. Gard. Rec.* 27(3): 290. 1938 (at Botanico Univ. di Torino 1817-1831).

Stieber, M.T. and A.L. Karg, *Huntia* 5(3): 97. 1984 (letter to Sir John Bowning).

24.693. *Catalogus stirpium quae aluntur in Regio horto botanico taurinensi ... O. Augustae [sic] Taurinorum* 1821. Oct. (*Cat. stirp.*).

Publ.: Aug-Sep 1821 (see TL-2/1019), p. [1]-67, [1-2]. *Copies*: HH, USDA. – *Fide* Rehder 1: 62 and see É. Burnat, *Bull. Soc. bot. France* 30(S.E.): cxvi. 1883.

***Capellini, Giovanni** (1833-1922), Italian geologist and palaeontologist, studied at Spezia and at the University of Pisa, studied some time at Paris in the École des Mines and the Jardin des Plantes, professor of natural history at the Collegio Nazionale de Genova 1859, from 1861 at the University of Bologna. (*Capellini*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews ed. 2 p. 244; Barnhart 1: 307 (b. 23 Aug 1833, Spezia, d. 23 Mai 1922, Bologna); BM 1: 313-314, 6: 181; CSP 1: 782, 7: 331, 12: 41, 14: 54-55; Kew 1: 475; LS 4651; PR 1524; Quenstedt p. 73; Saccardo 1: 44; TL-2/1: 453-453; Tucker 1: 140.

BIOFILE: Anon., *Proc. Acad. Sci. Philadelphia* 1896: 483-484; *Boll. Geol. Soc. Ital.* 32: [in appendix] 1901 (portr.).

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Zittel, K.A. von, *Gesch. Geol. Paläont.* 19. Jahrh. 312, 543, 837, 841. 1899.

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24.695. *I Tronchi di Bennettitee dei Musei Italiani. Notizie storiche, geologiche i botaniche ... Bologna* (Tipografia Gamberini e Parmeggiani) 1892. Oct.

Co-author: Solms-Laubach, H. (1842-1915), see TL-2/5: 729-735.

Publ.: 1892, cover-t.p., p. [1]-56, *pl. 1-5* (uncol. phot.). *Copy*: G. – Reprinted and to be cited from *Mem. R. Accad. Sci.*, Bologna ser. 5. 2: 161-215 (also as 69-120). 1891 [i.e. 1892].

Capitaine, Louis (1883-1923), French geographer and botanist, born in Paris, studied natural sciences at the Faculté des sciences of Paris, worked in the laboratory of Gaston Bonnier, Dr.

phil. 1912, collaborator with L. Marret for *Icones florum alpinae plantarum*, employed by the Paris Laboratoire d'Agronomie coloniale 1912. (*Capitaine*).

HERBARIUM and TYPES: P, PC ("500 paquets").

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 308 (b. 22 Oct 1883, Paris, d. 1 Oct 1923, Paris); IH 2: 115; Kew 1: 475.

BIOFILE: Breure, A.S.H. and J.G. de Bruijn, *Leven en werken van J.G.S. van Breda* 238. 1979. Chevalier, Aug., Bull. Soc. bot. France 70(7/8): 692. 1923 (obit., b. 22 Oct 1883, d. 1 Oct 1923).

Chiovenda, E., *Nuovo Giorn. bot. Ital. ser. 2.* 31: 304. Oct 1924 (listed as collaborator of L. Marret, *Icon. fl. Alp. pl.* 1911-1924).

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Publ.: 1909, cover-t.p., p. [1]-21, [22-24], *pl.* 11-12 (double chart). *Copy*: B.

24.698. Sur la confusion fréquente de quatre *Tamariniers* ... [Bulletin de la Société botanique de France ... Paris (au Siège de la Société ...)1910]. Oct.

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24.699. Étude des graines des *Papavéracées d'Europe* ... Extrait de la Revue générale de botanique ... 1910. Oct.

Publ.: 1910, cover-t.p., p. [ii, verso cover-t.p.], [1]-14, [15, impr.], *pl.* 8-11 (uncol.). *Copies*:

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24.700. *Violacées de l'Herbier de Buitenzorg* ... Bulletin de la Société botanique de France ... 1910. Oct.

Publ.: Oct (med.) 1910 (fide Leussink, *Taxon* 37(1): 57. 1988), cover (identif.), p. [391]-399,

pl. 17. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. bot. France 57(5): 391-399, *pl.* 17. 1910.

24.701. Étude analytique & phytogéographique du groupe des *Légumineuses* ... Paris (Paul Lechevalier, Libraire éditeur ... 1912. Oct. (*Étude anal. phytogéogr. Légum.*).

Publ.: 1912 (Nat. Nov. Mar (2) 1913, Bot. Centralbl. 13 Mai 1913), cover-t.p., p. [i-iii], [1]-498, [499-500], *pl.* 1-21, 22/23, 24/25, 26/27 (uncol. liths., maps). *Copies*: B, MO, NY.

Ref.: Offner, J., Bot. Centralbl. 125(21): 551-552. 26 Mai 1914 (rev.).

24.702. Les graines des *Légumineuses*. Étude sur la morphologie externe. Essai d'application à la systématique – 692 dessins à la plume exécutés d'après nature à la chambre claire, 29 planches hors texte ... Paris (Émile Larose ... Paul Lechevalier) 1912. Oct. (*Graines Légum.*).

Publ.: 1912, cover-t.p., p. [i*-iii*], [i]-xii, [1]-455, [457, 459], *pl.* 1-3 (maps), 3-bis (phot.), 4-9 (maps), 9-bis (phot.), 10-21 (maps), 22/23 (id., combined), 24/25 (id., combined), 26/27 (id., combined, i.e. 22-27 are 3 folded maps with 2 numbers). *Copy*: B.

Cappel, Johann Friedrich Ludwig (1759-1799), German physician and botanist, born at Helmstedt, ultimately government physician at Wolodomir. (*Cappel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 308 (b. 18 Jul 1759, Helmstedt, d. 16 Mai 1799, Wolodomir); BM 1: 314; Dryander 3: 158; Kew 1: 475; PR 1525, ed. 1: 1681.

24.703. *Verzeichniss der um Helmstedt wildwachsenden Pflanzen ...* Dessau (auf Kosten der Verlagskasse, und zu finden in der Buchhandlung der Gelehrten). 1784. Oct. (*Verzeichniss Helmstedt Pfl.*).

Publ.: 1784, p. [i]-x, [1]-196. *Copies*: B-S, NY(2).

Cappelletti, Carlo (1900-x), Italian botanist, born in Verona, studied at the University of Torino, studied with Mattiolo, graduate 1921, assistant at the University of Padua, lecturer 1927, professor of botany at the University of Torino 1932, id. at Padua 1948-1970. (*Cappelletti*).

HERBARIUM and TYPES: PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 308; GR p. 528; Kew 1: 475; LS suppl. 4516-4522; Roon p. 24 (b. 12 Jul 1900); SBC p. 117; TL-2/9945.

BIOFILE: Anon., Hunt Library, Biogr. Dict. bot. portr. coll. 65. 1972.

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Gager, C.S., *Brooklyn Bot. Gard. Rec.* 27(3): 271, 290. 1938 (dates dir. bot. gardens Ferrara, Torino).

24.704. *Studi su la vegetazione resinicola ...* *Annali di Botanica ...* [1924]. Oct.

Publ.: 23 Nov 1924 (in journal), p. 43 mss. signed Jul 1924), p. [1]-44, *pl.* 7 (uncol. phot.).

Copy: U. – Reprinted and to be cited from *Ann. Bot.* [Roma] 16(3): 253-296, *pl.* 7. 1924.

24.705. *Contributo alla flora epaticologica Piemontese ...* Venezia (premiata Officine grafiche Carlo Ferrari) 1927. Oct.

Publ.: Mar 1927 (read 16 Jan 1927, printed 3 Mar 1927 (p. 495)), cover-t.p., p. [i-ii, t.p. and identif.], [1]-32. *Copy*: Gr-V. – Reprinted and to be cited from *Atti. R. Ist. Veneto Sci.*

Lett. Arti 86(2): 467-498. 1927.

Ref.: Allorge, V., *Rev. bryol. lichénol.* ser. 2. 4(2): 98-99. 31 Dec 1931 (rev.).

24.706. *Nuove osservazioni sulla flora fungina della resina ...* Roma (Tipografia del Senato di Giovanni Bardi) 1927. Oct.

Publ.: 1 Aug 1927 (in journal), cover-t.p., p. [1]-6. *Copy*: G. – Reprinted and to be cited from *Ann. Bot.* [Roma] 17(4): 202-207. 1927.

24.707. Sull' "*Herpotrichia Resinae*" Bres. n. sp. conservata nell' Erbario P.A. Saccardo ... Roma (Tipografia del Senato ...) 1927. Oct.

Publ.: 1 Aug 1927 (in journal), cover-t.p., p. [1]. *Copy*: G. – Reprinted and to be cited from *Ann. Bot.* [Roma] 17(4): 208. 1927.

24.708. *Contributo alla flora epaticologica dell' Italia mediterranea ...* Firenze (Società botanica italiana) 1928. Oct.

Publ.: 1928 (mss. signed p. 1280: 8 Feb 1928), cover-t.p., p. [ii] of cover (identif.), p. [1]-6.

Copy: Gr-V. – Reprinted and to be cited from *Nuovo Giorn. bot. Ital.* ser. 2. 34: 1275-1280. 1928 ["1927"].

24.709. *Repertorio dell'epaticologia Piemontese ...* Torino (Tipo-Lito Luigi Checchini) [1929]. Oct. (*Repert. Epatic. Piemontese*).

Publ.: 1929, cover-t.p., p. [1]-47. *Copies*: FAS-B, Gr-V. – Also in *Studi sulla vegetazione nel Piemonte*, Torino 1729-1929, R. Istituto botanico di Torino, p. 411-455.

24.710. *Ricerche sulla microflora degli stimmi nelle piante alpine ...* Annali di Botanica ... [1933]. Oct.

Publ.: 10 Mar 1933 (in journal), cover-t.p., p. 1-39. *Copy*: BKL. – Reprinted and to be cited from *Ann. Bot. [Roma]* 20(1): 44-82. 1933.

Capra, Giuseppe (fl. 1905), Italian abbé and doctor, member of the Société de la flore Valdôtaine, Aosta. (*G. Capra*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 375.

BIOFILE: Anon., *Bull. Soc. bot. France* 52: 694. 1905.

De Toni, G.B., *Malpighia* 20: 282. 1966.

Levier, E., *Rev. bryol.* 33(3): 46. 1906.

24.711. Société de la flore Valdôtaine, Aoste (Italie). Contribution à la *Flore bryologique de la Vallée d'Aoste ...* Aoste (Imprimerie catholique) 1905. Oct.

Publ.: 1905, cover-t.p., p. [1]-50. *Copies*: BKL, NY. – “Extrait du Catalogue de ‘La flore Valdôtaine’”.

Ref.: E. Levier, *Rev. bryol.* 33(3): 46. 1906 (rev.).

Capurro, Roberto Horacio (1910-x), Argentine botanist, born 5 April 1910, at the Facultad de Ciencias exactas y naturales de Buenos Aires and at the Instituto Nacional de Investigación de las Ciencias naturales, specialized in Pteridophyta. (*Capurro*).

HERBARIUM and TYPES: BAFC.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 476; Roon p. 24.

BIOFILE: Parodi, L.R., *Bol. Soc. Arg. Bot.* 9: 46. 1961.

24.712. *Catalogo de las Pteridofitas Argentinas ...* Anais da primeira reunião Sul-Americana de Botânica ... 1938. Oct.

Publ.: 1938, p. 69-210. *Copies*: B, BKL, HH. – Reprinted and to be cited from *Anais Prim. Reun. Sul-Amer. Bot.* 2: 69-210. 1938.

Capus, [Jean] Guillaume (1857-1931), Luxembourg [in Esch] born botanist, studied at the Faculté des Sciences de Paris, Dr. sci. nat. 26 Jul 1879, attaché au Laboratoire de culture du Muséum d'Histoire naturelle, directeur générale de l'Agriculture en Indochina, travelled and collected widely in central Asia 1880-1887, from 1897-1907 at the Direction de l'Agriculture in Saigon, Indo-Chine, from 1907 professor at the colonial school at Nogent, died Boulogne-sur-Seine 1931. (*Capus*).

HERBARIUM and TYPES: P (in part with P.G.E. Bonvalot (1853-1923) and Pepin).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 308 (b. 25 Aug 1857, d. 29 Apr 1931); BJI 2: 25; CSP 9: 443-444, 12: 141, 14: 58; IH 2: 115; Jackson p. 217; Kew 1: 476; Moebius p. 263; Morren ed. 10, p. 54; Rehder 5(index): 151.

BIOFILE: Anon., *ÖBZ* 36: 178. 1 Mai 1886 (travelled in Kafiristan and eastern Afghanistan). Chevalier, A., *Bull. Mus. Hist. nat. Paris ser. 2.3*: 387-388. 1931 (obit.).

HANDWRITING: H.M. Burdet et al., *Candollea* 28: 411-412. 1973.

24.713. Série A, No 37, No. d'ordre 428. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès Sciences naturelles ... 1^{re} Thèse. – *Anatomie du tissu conducteur*. 2^e Thèse. – Propositions données par la Faculté. Soutenues le 26 juillet 1879 devant la Commission d'examen ... Paris (G. Masson, éditeur, libraire de l'Académie de Médecine ...) 1879. Oct. (*Anatom. tissu conduct.*).

Publ.: 26 Jul 1879 (date of defense thesis), cover-t.p., p. [1]-91, [93, deuxième thèse], *pl.* 18-24 (uncol. liths.). *Copy*: B. – Reprinted and to be cited from *Ann. Sci. nat., Bot.*, ser. 6. 7: 209-291. 1878 [1879].

Ref.: N.L., *Bot. Zeit.* 37: 798. 5 Dec 1879 (rev.).

24.714. *Guide du naturaliste préparateur et du naturaliste collectionneur* ... Paris ... 1879. Oct. *Publ.*: 1879, p. [i-vii], [1]-344. *Copy*: HH (fide Rehder).

24.715. *L'Hevea brasiliensis*. Sa culture et son exploitation dans le Sud-Annam ... Bulletin économique [de l'Indo-Chine] ... 1905. Oct.

Publ.: 1905, p. [687]-734. *Copy*: BR. – Reprinted and to be cited from *Bull. Écon. Indo-Chine* 8(44): 687-734. 1905.

24.716. *Les produits coloniaux* origine, production, commerce ... Paris (Librairie Armand Colin ...) 1912. Oct. (*Prod. Colon.*).

Co-author: Bois, Désiré Georges Jean Marie (1856-1946), see TL-2/1: 254 and supplement 2: 276-278.

Publ.: 1912 (p. viii signed Nov 1911; ÖBZ Aug-Sep 1912), p. [i]-xvi, [1]-687. *Copy*: L. *Note*: The pages 1-541 are dealing with plants, p. 543-660 with animals and minerals, p. 661-687 are indexes.

Ref.: Lutz, L., *Bull. Soc. bot. France* 60(2/3): 195-196. 1913 (rev.).

Engler, A., *Bot. Jahrb.* 48(Lit.): 62. 1913 (brief note).

24.717. *Les produits coloniaux d'origine végétale* ... Paris V-e (Librairie Larose ...) 1930. Oct. (*Prod. colon. orig. vég.*).

Publ.: 1930, cover-t.p., p. [i*-iii*], [i]-iv, [1]-499. *Copy*: BR. – Issued in series "Les manuels coloniaux".

Caquet, François (1857-?), French forester, born at Clarin, Nièvre, studied at the École nationale forestière, "directeur de la France agricole et forestière". (*Caquet*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 308 (b. 7 Sep 1857); Rehder 5(index): 150; Tucker 1: 140.

24.718. *Une pépinière de plantes forestiers* ... Fontaine 1887. Oct. (*Pépin. pl. forest.*).

Publ.: 1887, p. [1]-55. *Copy*: HH (fide Tucker). – Bibliothèque de la "France forestière et agricole".

24.719. *La forêt à travers le monde* ... chez l'auteur ... Fontaine (par Cercy-la Tour (Nièvre)) 1887. Oct. (*La forêt*).

Publ.: 1887, cover-t.p., p. [1]-78. *Copy*: B.

24.720. *L'enseignement agricole et forestier en France* ... Fontaine ... 1887. Oct. (*Enseign. agric. for. France*).

Publ.: 1887, p. [1]-70. *Copy*: HH (fide Tucker). – Bibliothèque de la "France forestière et agricole".

Cara, Alberto (1847-?), Italian naturalist and archeologist at the botanical garden of Cagliari. (*Cara*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 308 (b. 1847); BL 2: 387; Saccardo 1: 44.

24.721. *Vocabolario botanico Sardo-italiano* ... Cagliari (Tipografia del Corriere) 1889. Oct. (*Vocab. bot. Sard.-It.*).

Publ.: 1889, p. [i-viii], [1]-96. *Copy*: B-S. – See note in BL 2: 387.

Note (1) Previously published (n.v.) *Vocabolario botanico della Sardegna*, Cagliari 1887.

Note (2) *Secondo saggio di un vocabolario etimologico sardo*, Cagliari 1894, 126 p., (n.v.), fide BL 2: 387.

Carano, Enrico (1877-1943), Italian botanist, born and died at Gioia del Colle, studied at the University of Roma until 1901, assistant of Pirotta 1902, professor in 1910, director of the Giardino dei Semplici, Firenze 1922-1925, id. at the R. Orto Botanico delle R. Università de Roma 1928-1943. (*Carano*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 309 (b. 18 Aug 1877, Gioia del Colle, d. 23 Dec 1943, ib.); TL-2/4, see P.R. Pirotta.

BIOFILE: Cortesi, F., Ann. Fac. Agrar. Univ. Perugia 3 (1946). *Reprint copy*: NY, (14 p., biogr., bibl., portr.).

Lusina, G., Ann. Bot. [Roma] 25: 141. 1958 (nos. 101-103, publ. by C.).

Rivera, V., Ann. Bot. [Roma] 23(1): 179-189. 1951 (obit., portr., bibl., b. 18 Aug 1877, d. 23 Dec 1943).

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Publ.: 25 Mar 1913 (date on p. [313]), p. [313]-315. *Copy*: B. – Reprinted and to be cited from Ann. Bot. [Roma] 11(2): 313-315. 1913.

24.723. *Su particolari anomalie del sacco embrionale di "Bellis perennis"* ... Annali di Botanica del Prof. R. Pirotta ... 1913. Oct.

Publ.: 30 Jun 1913 (date on p. [435]), p. [435]-439, pl. 9 (uncol. lith.). *Copy*: B. – Reprinted and to be cited from Ann. Bot. [Roma] 11(3): 435-439, pl. 9. 1913.

24.724. *Sull embriologia di "Poinsettia pulcherrima"* ... Annali di Botanica del Prof. R. Pirotta ... 1915. Oct.

Publ.: 30 Sep 1915 (date on p. [343]), p. [343]-350, pl. 17 (uncol. lith.). *Copy*: B. – Reprinted and to be cited from Ann. Bot. [Roma] 13(3): 343-350, pl. 17. 1915.

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Caraven-Cachin, Alfred (1839-1903), French naturalist and archaeologist, born at Castres, died at Salvagnac, Tarn. (*Caraven-Cachin*).

HERBARIUM and TYPES: Unknown.

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Publ.: 1898, p. [i]-xxii, [1]-684. *Copy*: BM (fide BM 1: 315).

Card, Hamilton Hye (1877-1953), American botanist and teacher, AB at University of Illinois, Dr. phil. 1931 at Washington University, later school teacher in Fillmore, Illinois. (*Card*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 308; Hortus 3: 1190; Kew 1: 477.

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Cardiff, Ira Dietrich (1873-?), American botanist, born at Lafayette, Illinois, studied at Knox College, Illinois B.S. 1897, at Chicago University 1899-1904, at the New York Botanical Garden 1904-1906, Ph.D. Columbia University 1906, assistant professor of botany at University of Utah 1906-1907, full professor ib. 1907-1908, professor of botany at Washington College 1908-1912, professor of plant physiology at Washington State College at Pullman 1912. (*Cardiff*).

HERBARIUM and TYPES: NY (Utah).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 309 (b. 20 Jun 1873); BJI 2: 25; IH 2: 115; LS 4556; NW p. 42; Tucker 1: 141.

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Cardoso [Junior], João [Antonio] (1857-1937), Portuguese pharmacist and botanist, sometime in charge of the pharmaceutic services of the province of Cabo Verde Islands, member of the Academy of Sciences at Lisboa, resident in the Cabo Verde Islands 1883-1905. (*Cardoso Jr.*).

HERBARIUM and TYPES: COI (1335), further material in B(48), K, L, LISJC, LISU.

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***Cardot, Jules** (1860-1934), French bryologist, born at Stenay (Meuse), educated at the primary school of Stenay, at the Lyceum at Bar-le-Duc, dedicated himself to botany, sometime at Montmédy, during World-War I in Paris, “fonctionnaire de l’Agence économique de l’Indochine” 1917-1931, ultimately living at Charleville nr. Mezières. (*Cardot*).

HERBARIUM and TYPES: PC (14.500), see TL-2/1: 454. – Further material at B, BM, BP, G, H-Br, HH (FH), K, L, NY, US.

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Collector: Hochreutiner, B.P.G. (1873-1959), see TL-2/2: 219-220.
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Collector: Bruno (Silvano) Tavares Carreiro (1857-1911), (see IH 2: 116, "Mousses récoltées aux Açores par M.B. Carreiro").
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Co-author: [Marie Hypolite] Irénée Thériot (1859-1947), see TL-2/6: 249-255.
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Publ.: 1907 or 1908 ("1908" but see bottom line of p. 1; KR p. 114, no. 3 has "1908", *Torrey bot. Club* 29 Jan 1909), cover-t.p., p. [1]-298, *pl.* 1-11. *Copies*: B, G, HH, U. – Published in *O. Nordenskjöld, ed., Wiss. Ergebn. Schwed. Südpolar-Exp. 1901-1903, Band* 4(8) *Botanik, Zweite Abteilung* no. [1], "1360/07", publ. 1907 (on bottom line of p. 1).
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Holzinger, J.M., *Bryologist* 12(2): 34-36. 3 Mar 1909.
Turrill, W.B., *Kew Bull.* 1919(6/7): 268-279. 3 Oct 1919.

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Note: Émile Jules Joseph Marchal (1872-1954), see TL-2/3: 288.

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Publ.: Jan-Feb 1912 (in journal), cover, p. [1]-3. *Copy*: B. – Reprinted and to be cited from Rev. bryol. 39(1): 1-3. 1912. – *Boulaya* J. Cardot, see ING 1: 226. 1979.
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Publ.: Nov-Dec 1912 (in journal), cover, p. 95-96. *Copy*: B. – Reprinted and to be cited from Rev. bryol. 39(6): 95-96. 1912. – *Atrichopsis* J. Cardot, see ING 1: 157. 1979.
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Publ.: Mar-Apr 1913 (in journal), p. 22-23. *Copy*: B. – Reprinted and to be cited from Rev. bryol. 40(2): 22-23. 1913. – *Hylocomiopsis* J. Cardot, see ING 2: 853. 1979.
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Note: H. Lec. is: (Paul) Henri Lecomte, see TL-2/2: 781-782.
Publ.: 1916 (p. 224: 10 Jun, p. 225-230: 15 Sep 1916, in journal), p. 224-230. *Copies*: B, HH. (combined with *Rosacées nouvelles d'extrême-orient* p. 230-243, see below) – Reprinted and to be cited from Not. Syst. 3(7-8): 224-230. 1916.
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Co-author: Viktor Ferdinand Brotherus (1849-1929), see TL-2/1: 359-360, and this suppl.
Publ.: Feb-Apr 1923 (read 7 Jun 1922, printed 7 Feb 1923, Nat. Nov. Feb 1924), cover-t.p., p. [1]-74, pl. 1-4 (uncol. liths. Therèse Ekblom). *Copies*: B, G, L; IDC D722-D725/ EM 542/2. – Issued as K. Sv. Vet.-Akad. Handl. 63(10). 1923.
Ref.: Holzinger, J.M., Bryologist 27(4): 66-67. 19 Sep 1924. ("This report is an echo of the ruthless destructiveness of the Great War ...").

Carena, Giacinto (1778-1859), Italian botanist, born in Carmagnola, professor of biology at Torino, also secretary of the physic-mathematical division of the Torino Academy of Sciences. (*Carena*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 310 (b. 25 Apr 1798, Carmagnola, d. 13 Mar 1859, Torino); BM 1: 315; PR 1529, ed. 1: 1685; Saccardo 1: 45.

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Publ.: 1805 (n.v., fide PR), p. [1]-130.

Carestia, Antonio (1825-1908), Italian priest and botanist, born 2 Feb 1825 in Riva Valdobbia, died 12 Mar 1908 in Riva Valdobbia (Valsesia), from 1891 priest in Varallo (Piemonto), from 1908 in Valle Vogogna Valsesia (Novara). (*Ant. Carestia*).

HERBARIUM and TYPES: FI, LD (400 Lich.), PAD, PC, POR, TO (10.000), WA, WRSL (Lich.).

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3), p. 24; Barnhart 1: 310; GR p. 61, 515; IH 2: 115; LS 1465a-1467, 31.879; Morren ed. 10, p. 88; NAF 7(15): 1054; Saccardo 1: 45, 2: 28; SBC p. 117; Stevenson p. 1238; TL-2/4: 9924.

BIOFILE: Chioventa, E., Nuovo Giorn. bot. ital. ser. 2. 31: 284. Oct 1924.

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24.817. (See no. 9924) *Enumerazione dei funghi della Valsesia* raccolti dal Ch. Ab. Antonio Carestia determinati da G. Bresadola e P.A. Saccardo ... Estratto dal Giornale Malpighia ... 1897. Oct.

Publ.: 1897, cover-t.p., p. [1]-87. *Copy*: BR. – Reprinted and to be cited from Malpighia 11: 241-325. 1897.

***Carey, John** (1797-1880), British tradesman and botanist, born at Camberwell, London, went to the United States 1830, settled at first at Towanda, Pa., at Bellow Falls, Vermont 1831-1836, at New York 1836-1852, made a botanical journey with Asa Gray to North Carolina 1841, returned to London (G.B.), died at Blackheath, London 1880. (*J. Carey*).

HERBARIUM and TYPES: K. – Further material at CGE, DBN, E, FI, G, HH, MO, P, PH, TCD, WECO, WTR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 310; BB p. 58; BM 1: 316; Bossert p. 65; CSP 1: 785; Desmond p. 118 (b. 21 Jun 1797, d. 26 Mar 1880); Hortus 3: 1190; IH 2: 115; Kew 1: 478; Lenley p. 499; ME 1: 170, 3: 548; TL-2/1: 455 and see indexes; Tucker 1: 141.

BIOFILE: Anon., Bot. Gaz. 5(6): 61. 1880 (d.)

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HANDWRITING: H.M. Burdet, Candollea 28: 413-414. 1973.

CORRESPONDENCE: with Torrey at NY.

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Publ.: 1847, p. [i], [535]-567. *Copy*: NY. – Preprinted (with special t.p.) from A. Gray, Manual of the botany of the Northern United States (issued 10 Feb 1848, see TL-2/2124).

24.819. *Description of three new Carices* and a new species of *Rhynchospora* ... New Haven 1847. Oct.

Publ.: 1847, p. 22-25. *Copy*: L. – Reprinted and to be cited from Amer. J. Sci. Arts ser. 2. 4: 22-25. 1847.

Note: The reprint is issued combined with: A. Gray, Note upon *Carex loliacea* ... on p. 19-22.

24.820. *Notes on some Chenopodiaceae* growing spontaneously about the City of New York ... [New Haven ... 1849]. Oct.

Publ.: Mai 1849 (text dated 30 Nov 1848), in Amer. J. Sci. Arts ser. 2. 7: 167-171. 1849. – No reprint seen.

24.821. Remarks on the *distortion of the achenium* in certain species of *Carex* ... [New Haven ... 1853]. Oct.

Publ.: 1853, in Amer. J. Sci. Arts 15: 22-24. 1853 (fide Tucker p. 141 and journal).

***Carey, William** (1761-1834), British baptist missionary, orientalist and botanist, born at Paulerspury, Northants., as Baptist missionary to Serampore 1799, professor of Sanskrit at Fort William College 1801, founded the Botanic Garden at Serampore. (*W. Carey*).

HERBARIUM and TYPES: Material listed as collected by Carey is at E, K, LIV, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 310 (b. 17 Aug 1761, d. 9 Jun 1834); BB p. 58; BM 1: 316, 5: 2235; Clouke p. 143; Desmond p. 118 (b. 17 Aug 1761, Paulerspury, Northants, d. 9 Jun 1834, Serampore, India); DNB 9: 77; Frank 3(Anh.): 16; Hortus 3: 1190; IH 2: 115; Jackson p. 530; Kew 1: 479; Lasègue p. 128, 203; PR p. 56; SK 4: 42, 59, cxvi, 5: cclxvii; TL-2/1: 455, 9724-9725, see K.P.J. Sprengel; Zander ed. 10, p. 643, ed. 11, p. 731.

BIOFILE: Allan, D.A., Handb. Guide Herb. Coll. Publ. Mus. Liverpool 40, 46, pl. 1935.

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Wight, R., Ill. Ind. Bot. in Bot. Misc. 2: 90. 1831.

COMPOSITE WORKS: (1) Joint editor of W. Roxburgh, *Fl. India* 1820-1824, 2 vols.

***Cariot, Antoine** (1820-1883), French clergyman and botanist, born at Écully nr. Lyon, son of a gardener, educated at the "petit séminaire de sainte-Foy-l'Argentière" (with abbé and botanist Ludovic Chirat), with the Congrégation des missionnaires diocésains at Chartreux studying theology, teacher at Saint-Alban, vicar at Croix Rousse, botanical trip to Corsica 1849, vicar at Sainte-Foy-lès-Lyon 1850, rector at Tassin 1862-1872, in charge of Sainte-Foy 1872. (*Cariot*).

HERBARIUM and TYPES: Seminary of l'Argentière.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 167; Barnhart 1: 310; BL 2: 109, 168; BM 1: 316; CSP 12: 142; Hortus 3: 1190; Jackson p. 61; Kew 1: 479; PR 1531-1532; Rehder 1: 411, 412, 413, 418; TL-2/1: 456-457; Tucker 1: 141; Zander ed. 10, p. 643, ed. 11, p. 731.

BIOFILE: Anon., Rev. bot. 2: 111. 1883/4 (biogr. note); Bot. Not. 1884: 39 (d.).

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COMPOSITE WORKS: (1): A. Cariot and Saint-Lager, see Anon., J. Bot. [Morot] Bull. Bibl. 11(59): 1. 16 Mai 1897 on publication of Tome I of "*Étude fl.*" ed. 8 as *Botanique élémentaire* ... ed. 8, "Tome I, 2 partie" *Clefs analytiques* Lyon 1897.

Carl, Helmut (fl. 1931-1933), German botanist at Eisenach and Jena. (*H. Carl*).

HERBARIUM and TYPES: JE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 311 (of Eisenach, Contr. to Ann. Bryol.); BFM 3232; MW p. 65; SBC p. 117.

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24.822. *Die Artypen und die systematische Gliederung der Gattung Plagiochila* Dum. ... Annales Bryologi ... 1931. Oct.

Publ.: Mai 1931, p. [iii]-viii, [1]-170. *Copy*: U. – Issued as Ann. Bryol. Suppl. 2, 1931.

Ref.: Lanfear, L.H., Bryologist 35(4-6): 88-90. 15 Sep 1932 (rev.).

24.823. *Beiträge zur Kenntniss der Lebermoosgattungen Syzygiella Spruce and Jamesoniella* Spruce ... Sonderabdruck aus "Hedwigia" ... 1931. Oct.

Publ.: Oct 1931 (in journal), p. [i], [283]-304. *Copies*: Gr-V, U. – Reprinted and to be cited from Hedwigia 71(5): 283-304. 1931.

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Publ.: 1931, p. [i], [45]-60. *Copies*: B, Gr-V, U. – Reprinted and to be cited from *Flora* 126: 45-60. 1931. – *Chiastocaulon* Carl, see *ING* 1: 343. 1979.

24.825. *Morphologische und anatomische Untersuchungen an Plagiochilen* ... Berlin (Verlagsbuchhandlung Julius Springer) 1932. Oct.

Publ.: 1932 (Planta rd. text 15 Feb 1932, journal issue closed 6 Mai 1932), cover-t.p., p. [575]-599. *Copies*: B, Gr-V. – Reprinted and to be cited from *Planta*, *Arch. wiss. Bot.* 16(3): 575-599. 1932.

24.826. Über die *vegetative Vermehrung* in der Lebermoosgattung *Plagiochila* ... Sonderabdruck aus *Hedwigia* ... 1932. Oct.

Publ.: Oct 1932 (in journal), p. [148]-155. *Copies*: B, Gr-V. – Reprinted and to be cited from *Hedwigia* 72(4-5): 148-155. 1932.

24.827. Ueber die blattbürtigen *Brutsprösschen* bei *Plagiochila* ... *Annales Bryologi* ... 1933. Oct.

Publ.: 1933, publ. in *Ann. Bryol.* 6: 15-19. 1933. – No reprint seen.

Carl, Joseph Anton (1725-1800), German physician and botanist, born in Benedictbeuren, professor at Ingolstadt, died also in Ingolstadt. (*J.A. Carl*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 311 (b. 3 Aug 1725, d. 22 Mar 1800); *Dryander* 3: 460; *Jackson* p. 200, 428; *PR* 1533, ed. 1: 1686; *Rehder* 1: 44.

NOTE: We have not seen a copy of J.A. Carl, *Botanisch-medizinischer Garten*, worinnen die Kräuter in nahrhafte, heilsame und giftige eingetheilt sind. Ingolstadt (Attenhover). 1770. Oct., 469 p., praef. index.

Carles, Pierre-Paulin (fl. 1871-1881), "Préparateur des travaux chimiques à l'École supérieure de Pharmacie de Paris". 1871 (*Carles*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *BL* 2: 165, 637; *Jackson* p. 128; *Tucker* 1: 141.

24.828. *Étude sur les Quinquinas* ... Paris (Typographie de Ch. Maréchal ...) 1871. Oct. (*Étud. Quinq.*).

Publ.: 1817, cover-t.p., p. [3, h.t.]-85, [87, index]. *Copies*: G, HH.
Ref.: *Anon.*, *Bull. Soc. bot. France* 18 (Bibl): 126. Jun 1872 (rev.).

Carlet, Joseph Gaston (1845-1892), French naturalist and biologist, born at Dijon, studied medicine, préparateur at the École de médecine intern in the hospital at Besançon, "aide-major de l'armée" in the 1870 war, Dr. phil. Paris 1873, professor at Grenoble 1873-1892, died 18 Mai 1892. (*Carlet*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 311 (b. 19 Feb 1845, Dijon); *BM* 1: 316.

BIOFILE: *Gilbert*, P., *Comp. Biogr. Lit.* deceased entomol. 60. 1977.
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24.829. Thèse présentée à la Faculté de Paris pour obtenir le grade de docteur ès sciences naturelles ... *Observations sur l'inflorescence*. Soutenue le 1-re Aout [date in handwriting] 1872, devant la Commission d'Examen ... Paris (A. Parent, Imprimeur de la Faculté de Medecine [sic] ...) 1872. Oct. (*Obs. inflorescence*).

Publ.: 1 Aug 1872 (date of defense thesis), cover-t.p., p. [1]-32. *Copy*: B.

***Carleton, Mark Alfred** (1866-1925), American botanist, mycologist and phytopathologist, born at Jerusalem, Ohio, took part in the Garfield University at Wichita (Kansas) expedition 1889, later as botanist at the Experiment Station of the Kansas State Agricultural College at Manhattan until 1894, assistant at the division of vegetable pathology at USDA 1894-1918, went to Russia in 1898 for draught-resistant varieties of wheat for USDA. (*Carleton*).

HERBARIUM and TYPES: US, further material at BPI, DS, F, HH, GRO, ILL, KSC, MO, NY, PUR, S. – *Exsiccatae: Uredineae Americanae exsiccatae* set 1, 50 nos., published at Manhattan, Kansas, 1 Jan 1894, not continued. *Ref.*: Dietel, P., Bot. Centralbl. 58(20): 239-240. 1894.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 311 (b. 7 Mar 1866, Jerusalem, Ohio, d. 26 Apr 1925, Païta, Peru); BM 6: 184; Bossert p. 65; CSP 14: 66; Ewan ed. 1: 178, ed. 2: 36; IH 2: 116; Kew 1: 479; LS 4662-4669, 13.780; LS suppl. 4563-4565; NW p. 42; Stevenson p. 1236; TL-2/1: 457.

BIOFILE: Anon., Bot. Jahrb. 18 (Beibl. 46): 15. 21 Aug 1894 (app. asst. Div. Veg. Pathology, Washington); Bot. Centralbl. 58(20): 256. 8 Mar 1894 (app. at Div. Veg. Pathol. Washington); ÖBZ 44: 119. 1894 (issue of *Ured. Amer. Exsicc.* set. 1); Bot. Gaz. 23(3): 227. 24 Mar 1897 (*Ured. Amer. Exsicc.*: one fascicle issued, series discontinued); Amer. men. sci. ed. 2: 75. 1910.

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Publ.: Mar 1893 (date on cover-t.p.), cover-t.p., p. [1]-14, pl. 1-3. *Copy*: B. – Issued as Bull. no. 38, Kansas State Agric. Coll.

24.831. *Studies in the biology of the Uredineae*. I. Notes on Germination ... From the Botanical Gazette ... 1893. Oct.

Publ.: 25 Dec 1893 (in journal), p. [447]-457, pl. 37-38 (uncol. draw.). *Copy*: B. – Reprinted and to be cited from Bot. Gaz. 18(12): 447-457, pl. 37-38. 1893.

24.832. *Cereal Rusts of the United States: a physiological investigation* ... Washington [D.C.] (Government Printing Office) 1899. Oct. (*Cereal Rusts U.S.*).

Publ.: 27 Sep 1899 (date on t.p., Nat. Nov. Nov (2) 1899), cover-t.p., p. [1, t.p.]-73, [74], *pl. 1-4* (col.). *Copies*: B, U. – Issued as U.S.D.A., Div. veg. Physiol. Path. Bull. no. 16, 1899. *Ref.*: H. Klebahn, Bot. Zeit. ser. 2.58: 131-132. 1 Mai 1900.

24.833. *Investigations of Rusts ...* Washington (Government Printing Office) 1904. Oct. *Publ.*: 12 Jul 1904 (date on t.p., Nat. Nov. Oct (1) 1904), cover-t.p., col. frontisp. [*pl. 1*], p. [1]-29, *pl. 2* (col. draw. with text). *Copy*: B. – Issued as U.S.D.A. Bureau of Plant Industry, Bull. no. 63, 1904.

Carlier, Leon (1821-1901), Belgian botanist at Brussels. (*Carlier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 311; BM 1: 317.

BIOFILE: Anon., Bull. Soc. roy. Bot. Belg. 40(C.R.): 27-28. 1901 [1902] (brief note).

24.834. *La flore belge des commençants. Tableaux dichotomiques pour l'étude des familles et des genres belges ou communément cultivés en Belgique ...* Louvain (Typographie Alphonse Meulemans - De Preter ...) 1883. Oct. (*Fl. belg. commenç.*).

Publ.: 1883 (Nat. Nov. Jun (1) 1883), p. [i]-viii, [1]-102. *Copy*: BR.

Ref.: Anon., Bot. Zeit. 41: 499. 27 Jul 1883.

Anon., Bot. Centralbl. 18-22 Jun 1883.

24.835. *Précis de botanique ...* Louvain (Meulemans-De Preter) 1885. Oct.

Publ.: 1885, p. [1]-84, fide Nat. Nov. Jul (2) 1885, Bot. Centralbl. 27 Jul-7 Aug 1885 (n.v.).

24.836. *La flore des Amateurs* par Leon Carlier auteur de la Flore belge des commençants ... Outre la description de toutes les familles, genres et espèces belges, le présent ouvrage renferme les clefs analytiques d'un nombre considérable de plantes ornementales cultivées dans les jardins, appartements et orangeries ... Louvain (Typ. Aug. Fonteyn, ...) 1887. 3 vols. Oct. (*Fl. Amateurs*).

Publ.: 1: 1887 (J. Bot. Jul 1887, Nat. Nov. Sep (1) 1887, Bot. Centralbl. 12-16 Sep 1887), p. [i-vi], [4 unnumb. pages with errata & explications], [5]-180, [181-182].

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3: 1887 (J. Bot. Jul 1887, Nat. Nov. Sep (1) 1887, Bot. Centralbl. 12-16 Sep 1887), p. [i-vi], [2 p. errata], [1]-221. – *Copies*: BR, L.

Carlson, C. S. (fl. 1905), Swedish botanist, studied at the University of Zürich, id. Bern, id. Clermont Ferrand, Dr. phil. 1905 at Clermont Ferrand. (*C.S. Carlson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 311; KR p. 114.

NOTE: C.S. Carlson was, fide Krok, a Swede who studied in Zürich, Bern and Clermont Ferrand. No details beyond those from Krok came to us.

24.837. *Contribution à l'étude comparée de la Flore du Massif Scandinave et du Massif central de la France. Thèse présentée et publiquement soutenue à la Faculté des Sciences de Clermont-Ferrand (mention sciences) ...* Clermont Ferrand (Imprimerie G. Bonnet) 1905. Oct. (*Fl. Massif Scand. et Mass.-centr.*).

Publ.: 27 Jul 1905 (date of defense thesis, Nat. Nov. Feb (1) 1906, NY rd. Nov 1906, Bot. Centralbl. 17 Apr 1906), p. [3]-118, [119, err.], *pl. 1-4*. *Copies*: LD, NY.

Ref.: Offner, J., Bot. Centralbl. 104(9): 234-235. 5 Mar 1907 (rev.).

Carlson, Gusten Wilhelm Fredrik (1877-1947), Swedish botanist and teacher, studied at Skara 1896, fil. cand. Uppsala 1901, fil. lic. ib. 1906, fil. dr. 1913, teacher in biology and chemistry at Västerås 1910, lector id. Vänersborg 1913, Karlskrona 1914, later lector in Stockholm. (*G.W.F. Carlson*).

HERBARIUM and TYPES: GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 311; IH 2: 116; Kew 1: 479; KR p. 115 (b. 22 Dec 1877, Hool, Västergötland).

BIOFILE: Fries, R.E., Short history botany Sweden 77. 1950.

Prescott, G.W., Contr. bibl. antarct. subantarct. alg. 220. 1979; Bibl. Desmid. Univ. 86. 1984.

Van Landingham, S.L., Cat. Diat. 4: 2293. 1971, 6: 3514. 1978, 7: 4154. 1978.

Wittrock, V.B., Acta Horti Berg. 3(2): 34. 1903 (portr.).

24.838. Ett par afvikande former af *Succisa pratensis* ... Bot. Not. ... 1901. Oct.

Publ.: 1 Nov 1901 (in journal), p. 224-226, in Bot. Not. 1901: 224-226. – KR no. 1. – No reprint seen.

24.839. Om Vegetationen I Några Småländska Sjöar ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1902. Oct. (*Veget. Småländska Sjöar*).

Publ.: 21 Mai 1902 (text submitted 12 Mar 1902; date of printing 21 Mai 1902 [see p. 40]), p. [1]-40. Copies: B, U; IDC E-7670/2. – Issued as Bih. K. Svenska Vet. Akad. Handl. 28 (Afd. III) no. 5. – KR no. 2.

24.840. Über *Botryodictyon elegans* Lemmerm. und *Botryococcus braunii* Kütz ... in J.R. Sernander et al. Botaniska Studier ... Uppsala 1906. Oct.

Publ.: 4 Nov 1906 (date in title of Sernander), p. 141-146, pl. 5. Copy: BM. – In J.R. Sernander et al., Bot. Stud. (dedicated to F.R. Kjellmann), see KR no. 4 and BM 4: 1904.

Ref: Senn, G.A., Bot. Zeit. ser. 2. 65: 36. 1 Feb 1907 (rev.).

24.841. Süswasseralgen aus der Antarktis, Südgeorgien und den Falklandinseln. Akademische Abhandlung, welche zur Erlangung der Doktorwürde mit Erlaubnis der Philosophischen Fakultät zu Uppsala am 27 Mai 1913 um 10 Uhr vormittags im Botanischen Hörsaal öffentlich verteidigt wird ... Stockholm (Lithographisches Institut des Generalstabs) 1913. Qu. (*Süswasseralgen Antarkt.*).

Publ.: 27 Mai 1913 (date of defense thesis), p. [i-iii], [1]-94, pl. 1-3 (uncol. liths.). Copies: BR, G, HH, L.

Regular issue: 27 Mai 1913 (Nat. Nov. Apr (2) 1914), p. [1]-94, pl. 1-3 (id.). Copies: MO, U. – Issued as O. Nordenskjöld, Wiss. Erg. Schwed. Südpolar. Exp. 1901-1903, vol. 4(14), Botanik, Zweite Abteilung, Stockholm (id.). – KR no. 5.

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Carmignani, Vincenzo (1779-1859), Italian physician and naturalist, born and died in Pisa. (*Carmignani*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 312 (b. 3 Apr 1779, Pisa, d. 20 Jan 1859, Pisa); Morren ed. 10, p. 138; PR 1535, ed. 1: 1688; Saccardo 1: 45, 222-223, 2: 28.

BIOFILE: Arcangeli, G., Bull. Soc. bot. ital. 1903: 281-286; Ann. Univ. Tosc. Pisa 24(8 p., n.v.). Henckel von Donnersmark, L.V.F., Flora 3(1), Beil. 1: 9. 1820.

Solla, R.F., Just's Bot. Jahresber. 32(1): 559-560. (1904) 1905.

NOTE: (1) Handwritten text at Pisa: *Studi per una flora economica* [ca. 1812-1818], 642 p. and *Flora economica* in 4 volumes incl. Cryptogames (only vol. 1 still extant), id. at Pisa, see G. Arcangeli, Bull. Soc. bot. ital. 1903: 281-286.

24.842. *Memoria sulle mediche Tornata e Turbinata di Linneo e sulla Tuberculata e Aculeata di Willdenow.* Letta dal Dott. Vincenzo Carmignani come socio onorario dell' Accademia Italiana nell' adunanza di detta Accademia del di 4 Marzo 1810. ... [Articolo estratto dal Giornale Pisano ...] 1810. Oct.

Publ.: 1810 (read 4 Mar 1810), p. [1]-15 ("51" sic). *Copies*: B-S, NY. – Reprinted and to be cited from Giorn. Pisano 12(1) [nr. 32] 1: 39-51. 1810. – See Flora 3(1) Beil. 1: 9. 1820.

Carnoy, Jean Baptiste (1836-1899), Belgian parish-priest and botanist, studied at the University of Louvain, Dr. sci. nat. 1865, later bishop of Louvain, continued as botanist at his Collège du Pape. (*Carnoy*).

HERBARIUM and TYPES: LV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 313 (b. 22 Jan 1836, Rumillies, Hainaut, d. 6 Sep 1899, Schuls, Engadin); BM 1: 318; IH 2: 116; Jackson p. 170; LS 4674; Morren ed. 10, p. 46.

BIOFILE: Anon., Nat. Nov. 21: 547. 1899 (d. on a trip to Switzerland); Allg. bot. Zeit. 6: 52. 1900 (d. 6 Sep 1899 at Schuls in Engadin, Suisse); Bot. Not. 1900: 46 (d.).

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Lebrun, J., Univ. Louvain, Rec. Trav. Hist. Philol. ser. 6. 15: 41-50. 1979.

NOTE: (1) Originally published "*La Cellule, recueil de Cytologie et d'histoire générale*". Louvain vol. 1, 1884. – See also *Au lecteur* in *La Cellule* 1: 5-6. 1884.

24.843. *Recherches anatomiques et physiologiques sur les Champignons ...* Gand [Gent] (Imprimerie et Lithographie C. Annoot-Braeckman) 1870. Oct.

Publ.: 1 Dec 1870 (fide R. Tournay, Bull. Soc. roy. Bot. Belg. 95(1): 35. 1962), p. [1]-175.

Copy: BR. – Reprinted and to be cited from Bull. Soc. roy. Bot. Belg. 9(2): 157-321. 1870.

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Publ.: 1884 (date on t.p., Bot. Zeit. 25 Jan 1884 [states publ. at Dec 1883]), cover-t.p., p.

[1]-271, 1 pl. *Copies*: BM, BR. – Only fasc. I published. – See BM 1: 318.

Ref.: Krample, R., ÖBZ 34: 409-418. 1 Nov 1884 (rev.).

Zacharias, O., Bot. Zeit. 43: 104-108. 15 Feb 1885.

24.845. *A propos de fécondation. Réponse à von Erlanger et à Flemming ...* Lierre [Lier] (Typ. de Joseph Van In & Ce. ...) Louvain [Leuven] (à Uystpruyst, ...) 1898. Qu.

Publ.: 1898 (submitted 10 Feb 1898), cover-t.p., p. [5]-25. *Copy*: B. – Reprinted and to be cited from La Cellule 14(1): 5-25. 1898.

Caro, Hugo (1875-x), German botanist, born 13 Jan 1875 at Nakel (Prov. Posen), of Jewish religion, educated in the Kgl. Gymnasium in Nakel and the Askanian Gymnasium in Berlin, studied pharmacy in Berlin, "Staatsprüfung" 1900, further studies in natural sciences in Heidelberg until 1902, "Inaugural-Dissertation" at the Ruprecht-Karls-Universität at Heidelberg. (*H. Caro*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 313; Kew 1: 481.

24.846. *Beiträge zur Anatomie der Commelinaceen*. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen naturwissenschaftlich-mathematischen Fakultät der Ruprecht-Karls-Universität zu Heidelberg ... Berlin (Universitäts-Buchdruckerei von Gustav Schade (Otto Francke ...)) 1903. Oct. (*Beitr. Anat. Commelinac.*).

Publ.: 1903 (Nat. Nov. Nov (1) 1904), p. [1]-85, [86, 87 vita], 1 pl. (uncol. lith.). *Copy*: L.

Carpentier, Adolphe (fl. 1869), French botanist, studied at the École Supérieure de Pharmacie, Paris. (*Ad. Carpentier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 482; Rehder 2: 85, 3: 338; Tucker 1: 141.

BIOFILE: Leon, N., *Bibl. bot. mexic.* 202. 1895.

24.847. École supérieure de Pharmacie, Paris. *Histoire naturelle des Smilacées* au point de vue de la matière médicinale. Étude des racines de Salsepareille du commerce. Thèse présentée et soutenue à l'École supérieure de Pharmacie le 10 août 1869, ... Paris. (Imprimerie de A. Pillet fils aîné ...) 1869. Qu. (*Hist. nat. Smilac.*).

Publ.: 10 Aug 1869 (date of defense thesis), p. [1]-40, pl. 2 (p.p. col. lith.). *Copy*: G.

***Carpentier, Alfred** (1878-1952), French catholic priest, ultimately canon, and palaeobotanist, born at Avesnes, educated at the Avesnes college, at the secondary school of the seminary of Cambrai, studied palaeobotany and biology at the Catholic University at Lille, further studies at the theological faculty at Lille, teacher at the Institution Notre-Dame de Valenciennes, studied the carboniferous of the region, at 1905 teacher at the Faculté libre des sciences of Lille, Dr. phil. ib 1913, from then on studying mainly palaeontology (*Carpentier*).

COLLECTIONS: University of Lille.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 314; BM 6: 187; GR p. 310; TL-2/1: 458-459.

BIOFILE: Anon., *Rev. gén. Bot* 60: 128. 1953 (d. 28 Dec 1952).

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24.848. Note sur la découverte d'un *Banc à Stigmaria* dans le Calcaire carbonifère supérieur de Saint-Hilaire-sur-Helpe (Nord) ... Extrait des Annales de la Société Géologique du Nord ... [Lille (Société Géologique du Nord)]. 1906. Oct.

Publ.: 1906 (read Mai 1906), p. [246]-248. *Copy*: L. – Reprinted and to be cited from *Ann. Soc. géol. Nord* 35: 246-248. 1906.

24.849. Contribution à l'étude du *Bassin houiller du Nord* ... Lille (Imprimerie Liégeois-Six ...) 1907. Oct.

Publ.: 1907 (read 9 Jan 1907), cover-t.p., p. [i, t.p.], [45]-63, [recto of 63 identif.]. *Copy*: L. – Reprinted and to be cited from *Ann. Soc. géol. Nord* 36: 45-63. 1907.

24.850. *Note sur quelques inflorescences de Crossothea* trouvées dans le bassin houiller du Nord ... [Lille (Société Géologique du Nord)]. 1907. Oct.

Publ.: 1907 (read 6 Mar 1907), p. [139]-141. *Copy*: L. – Reprinted and to be cited from *Ann. Soc. géol. Nord* 36: 139-141. 1907.

- 24.851.** Remarques sur la *flore du Houiller de Crespin ...* Lille (Imprimerie Liégeois-Six ...) 1907. Oct.
Publ.: 1907 (read 17 Apr 1907), cover-t.p., p. [i], [155]-159, [verso of 159, printer]. *Copy*: L. – Reprinted and to be cited from *Ann. Soc. géol. Nord* 36: 155-159. 1907.
- 24.852.** Remarques sur les *formations houillères* de la Fosse n° 8 des Mines de Béthune ... Lille (Imprimerie Liégeois-Six ...) 1907. Oct.
Publ.: 1907 (read 3 Jul 1907), cover-t.p., p. [245]-247, [back side of 247, identif.]. *Copy*: L. – Reprinted and to be cited from *Ann. Soc. géol. Nord* 36: 245-247. 1907 (on reprint erroneously marked 35 [sic]).
- 24.853.** *Excursion* extraordinaire faite le 23 Juin 1907 aux environs d'Avesnes ... Lille (Imprimerie Liégeois-Six ...) 1907. Oct.
Publ.: 1907 (excursion of 23 Jun 1907, read 3 Jul 1907), cover-t.p., p. [331]-333. *Copy*: L. – Reprinted and to be cited from *Ann. Soc. géol. Nord* 36: 331-333. 1907.
- 24.854.** Sur quelques *graines et microsporanges de Ptéridospermées* trouvés dans le bassin houiller du Nord ... [Gauthier-Villars, Imprimeur-Libraire des Comptes rendus ... 1909]. Qu.
Publ.: 1909 (read 3 Mai 1909 on p. 3), p. [1]-3. *Copy*: L. – Reprinted and to be cited from *C.R. hebd. Séances Acad. Sci. Paris* 148: 1232-1234. 1909.
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Publ.: 1912 (read 7 Feb 1912), cover-t.p., p. [69]-84, *pl. 3* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from *Ann. Soc. géol. Nord* 41: 69-84, *pl. 3*. 1912.
- 24.856.** Revue des travaux de *paléontologie végétale* publiés dans le cours des années 1910-1919. *1-re Partie: Paléozoïque*. Extrait de la Revue générale de Botanique ... 1921. Oct.
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2°Part: Mésozoïque: 1923 in *Rev. gén. Bot.* 35: 254-269, 315-320, 361-368, 421-432, 472-477, 531-543, 581-589, 636-667. 1923. – No reprint seen.
- 24.857.** La *flore Wealdienne* de Féron-Glageon (Nord) ... Lille (Imprimerie Centrale du Nord ...) 1927. Qu. (*Fl. Wealdienne*).
Publ.: 1927, cover-t.p., p. [1]-151, *pl. 1-25* (uncol. phot., with text). *Copy*: U. – Issued as *Mém. Soc. Géol. Nord* 10(1). 1927.
- 24.858.** Recherches sur les *végétaux fossiles* des *Argiles hauteriviennes* du Pays de Bray (deuxième note) ... Bulletin Société Géol. France ... 1933. Oct.
Publ.: 1933 (text read 6 Feb 1933), p. 89-94, *pl. 4* (uncol. phot.). *Copy*: U. – Reprinted and to be cited from *Bull. Soc. géol. France ser. 5*. 3: 89-94, *pl. 4*. 1933.
- 24.859.** Sur un *gisement de plantes* du Jurassique supérieur, situé près de *Ghar Rouban* (Frontière Algéro-Marocaine) ... Bulletin Société Géol. France ... 1938. Oct.
Co-author: G. Lucas.
Publ.: Jul-Oct 1938 (read 20 Jun 1938), p. 587-592, *pl. 35-36* (uncol. phot.). *Copy*: U. – Reprinted and to be cited from *Bull. Soc. géol. France ser. 5*. 8: 587-592, *pl. 35-36*. 1938.
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Carrier, Lyman (1877-?), American botanist, agronomist in pasture investigations and forage-crop investigations. (*L. Carrier*).

HERBARIUM and TYPES: Unknown.

24.861. *The identification of grasses by their vegetative characters ...* Washington, D.C. (United States Department of Agriculture ...) 1917. Oct. (*Identif. grass. veg. char.*).

Publ.: 19 Jan 1917 (date on p. [1]), p. [1]-30, 31 (allotria). *Copies*: BR, L, NY. – Issued as U.S.D.A. Bull. no. 461.

24.862. *The beginnings of agriculture in America ...* New York (McGraw-Hill) [c. 1923]. Oct. (*Beginn. agric. Amer.*).

Publ.: c. 1923 [sic!], p. [1]-323. *Copy*: MO.

***Carrière, Élie-Abel** (1818-1896), French horticulturist at Paris, born at May-en-Multien (Seine-et-Marne), educated at a primary school at May-en-Multien, market-gardener at Aunet, gardener at the Muséum nationale d'histoire naturelle, soon "chef de culture" of the living plants until 1869, "chef" of the *Revue horticole* for 30 years. (*Carrière*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 315 (b. 4 Jun 1818, d. 17 Aug 1896); BM 1: 319; Bret. p. 932; CSP 9: 453; Hortus 3: 1190; IF p. 685; Jackson p. 100, 129, 198; Kew 1: 484; Langman p. 189; Morren ed. 2, p. 21, ed. 10, p. 58; MW p. 65-70; MW suppl. p. 31-32; Plesch p. 171; PR 1543-1544; Rehder 5 (index): 152-159; RS p. 78; TL-1: 77; TL-2/1: 439; Tucker 1: 141, 769; Zander ed. 10, p. 643, ed. 11, p. 731-732.

BIOFILE: André, E.F. and Lesne, Rev. hortic. 68: 389-397. 1896 (portr.).

Anon., Bull. Soc. bot. France 2: 407-409. 1855 (detailed rev. of *Traité gén. Conif.*, 1855, see TL-2/1031; 15(Bibl.): 55-56. 1868 (rev. of ed. 2); Nat. Nov. 18: 482. 1896 (d. 17 Aug, Montreuil nr. Paris); Bot. Jahrb. 22 (Beibl. 55): 11. 1896 (d., chef rédacteur of the *Revue horticole*); ÖBZ 46: 473. 1896 (d.); Allg. Bot. Z. 3: 20. 1877 (d.); Rev. hortic. belg. étrang., Index 1-25: 63.

Gaussen, H., *Le Traité général des Conifères* [TL-2/1031] de E.A. Carrière, in J.F. Leroy, ed.: *Les botanistes français en Amérique du Nord avant 1850*. Paris 1957, p. 253-261, (and see p. 80, 96, 97).

Guillaumin, A., *Les fleurs des Jardins* xxxiv, pl. 11. 1929.

Haegeman, J., *Tuberous Begonias* 201. 1979 (descr. many tuber. *Begonia* cultivars).

Merrill, E.D.: B.P. Bishop Mus. Bull. 144: 62. 1937 (3 title from Pacific).

Rodgers, A.D., *Liberty Hyde Bailey* 265, 272. 1949.

COMPOSITE WORKS: (1) Carrière collaborated with Naudin, in Henri Antoine Jacques and François Héring, *Flore des jardins de l'Europe*, vol. 4 (in 2) 1857, 1039 p.

(2) *Revue horticole*, journal ... publié sous la direction de E.A. Carrière, Ann. 1867-1896.

(3) Co-author with Henri Antoine Jacques (1780-1866), *Manuel général des plantes et arbustes*, tome 4, 1865 [2], see TL-2/3233.

NOTES: (1) *Traité général des Conifères*, TL-2/1031. – J.W. Laundon provided us with detailed information on the publications of the two editions: *Ed.1* published 16 Jan 1885 (fide Bibl. de la France), *Ed.2*: published 16 Mar 1867 (id.).

(2) *Id. Ed.2*, TL-2/1031, also on IDC microfiche E 8457/1.

24.863. *Les arbres et la civilisation ...* Paris (Librairie Agricole de la Maison Rustique ... s.d. [sic., possibly 1855-1860]). Oct. (*Arbr. civilisation*).

Publ.: 1855-1860 (probably), 416 p. – No copy seen, but see Plesch p. 171. 1973.

- 24.864.** *Guide pratique du Jardinier multiplicateur, ou Art de propager les végétaux par semis, boutures, greffes, ...* Paris (chez l'auteur ...) 1856. 12-mo. (*Guide Jard. multipl.*).
Publ.: 1856, p. [i]-xiv, [1]-272. *Copy*: n.v., see rev. in Bull. Soc. bot. France 4: 88-89. 1857.
- 24.865.** *Production et fixation des variétés dans les végétaux ...* Paris (Libr. agr. [1865]). 12-mo. (*Product. var. vég.*).
Publ.: 1865, p. [i-iv], [1]-72, 2 col. *pl. Copy*: HH. – Fide Tucker 1: 141.
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- 24.866.** *La vigne ...* Paris (chez l'auteur, ... Librairie agricole de la Maison rustique ...) [ca. 1865]. Oct. (*La vigne*).
Publ.: 1865 (undated, MO copy has included a catalogue of the "Librairie" ... of Jun 1864), cover-t.p., p. [i-iii], [1]-380, catalogue p. [1]-36. *Copies*: B, G, HH, MO.
- 24.867.** *Arbre généalogique du groupe pêches ...* Paris. 1867.
Publ.: 1867, 103 p., *pl. 1*, n.v., see Tucker 1: 141.
- 24.868.** *Origine des plantes domestiques démontrée par la culture du Radis sauvage ...* Paris 1869. Oct.
Publ.: 15 Feb 1869, p. [1]-24. – See Bull. Soc. bot. France 16 (Bibl.): 41-42. 1869, (n.v.).
- ***Carrington, Benjamin** (1827-1893), British physician and bryologist, born at Lincoln, studied at Liverpool and at the University of Edinburgh, apprenticed at Liverpool, graduated M.R.C.S. Eng. 1850 and M.D. Edinburgh 1851, practised at Radcliffe near Manchester and subsequently at Lincoln, Yeaddon, Southport and Eccles, Medical officer of Health 1871-1891, ultimately at Brighton. (*Carrington*).
- HERBARIUM and TYPES: MANCH (see TL-2/1: 460 for further information on his exsiccatae, *Hepaticae britannicae exsiccatae* 1878-1890 (see Schuster 1966, p. 26 and Note (3) below). – Other material: *British Hepaticae* 1874-1875, and tributed to Rabenhorst, *Bryotheca & Hepaticae* (Ireland); B, BM, C, CGE, DBN, E, F, G, GOET, H, HH(FH), K, L, MANCH, MICH, PC, PRE, S.
Letters at BM, K.
Portrait: Manchester University.
- BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 315 (b. 15 Jan 1827, d. 18 Jan 1893); BB p. 59; BL 2: 275, 638; BM 1: 320; 3: 1303; Clokie p. 143; CSP 1: 799, 7: 339, 9: 453, 14: 80; Desmond p. 119 (b. 18 Jan 1827, Lincoln, d. 18 Jan 1893, Brighton, Sussex); GR p. 369; GR cat. p. 61; IH 2: 117; Jackson p. 154, 242, 247, 262, 367; Kew 1: 484; LS 4688-4691; Morren ed. 10, p. 75; Rehder 5(index): 159; SBC p. 117; TL-2/1: 460, and see indexes; Urban-Berl. p. 296.
- BIOFILE: Anon., J. Bot. 31: 63. 1893 (note on death); Bot. Not. 1894: 46 (d.).
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 Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 67. 1970.
 Kent, D.H., Brit. Herb. 47. 1953.
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 Laundon, J.R., Lichenologist 11: 7. 1979.
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 Pearson, W.H., J. Bot. 31: 63, 120-122. Apr 1893 [reprint p. 1-3] (obit., b. 18 Jan 1827 at Lincoln, d. 18 Jan 1893, Brighton), Rev. bryol. 20: 62-64. 1893, Proc. roy. Soc. Edinburgh 20: i-v. 1895 (obit., list main publ.).
 Sayre, G., Mem. New York Bot. Gard. 19(2): 189. 1971 (exsicc.); Bryologist 80(3): 505-506. 1977.

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 Shaw, G.A., *Naturalist* 924: 6-7. 1973.
 Wagenitz, G., *Index coll. princ. herb. Gotting.* 34. 1982.

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(2) *British Hepaticae* by Carrington, in C.F. Hopkirk and H. Baswell, *The London Catalogue of British mosses*, ed. 2. 1881 (BM 1: 320).

NOTES: (1) *Hepaticae in Robert Browns Florula discoana*, *Trans. Bot. Soc. Edinburgh* 9: 453-454. 1868.

(2) *Dr. Grays arrangement of the Hepaticae*, id. 10: 305-309. 1870.

(3) For data on *Hepaticae britannicae exsiccatae* fasc. 1-4, nos 1-209, Manchester 1878-1890, see G. Sayre, *Mem. New York Bot. Gard.* 19(2): 189. 1971.

(4) Carrington published also *Notes on Cyperaceae*: No. 1 in *Trans. Bot. Soc. Edinburgh* 7: 259-262. 1863 and No. 2 ib. 7: 320-323. 1863.

24.869. Gleanings among the *Irish Cryptogams ...* From the Transactions of the Botanical Society of Edinburgh ... London (William Pamplin ...) 1863. Oct.

Publ.: 1863, cover-t.p., p. [i], [ii], [1]-31, *pl.* 1-2 (uncol. liths.). *Copy*: L. – Reprinted and to be cited from *Trans. bot. Soc. Edinburgh* 7: 370-373, 379-388, 441-458, *pl.* 10-11. 1863.

24.870. *British Hepaticae*: containing descriptions and figures of the native species of Jungermannia, Marchantia, and Anthoceros ... London (Robert Hardwicke, ...) [1874]. Qu. (*Brit. Hepat.*).

Publ.: [Part I]: Jan-Mai 1874, p. [1]-24, *pl.* i-iv.

[Part II]: 1874, p. 25-48, *pl.* v-viii.

[Part III]: 1875, p. 49-64, *pl.* 9-12.

Errata slip [with part iv]: "In consequence of the indisposition of the author, the present part is eight pages short of the usual amount of letter press, the next part will contain eight press extra".

[Part IV]: 1876, p. 65-88, *pl.* 13-16. *Copies*: G, MO, NY. – See also BM 1: 320.

Note: p. 88 ends in the middle of a sentence [sic], the work was never finished.

Ref.: Hardwicke, R., *J. Bot.* 11: 352. 1873 (announced *British Hepaticae* in 12 parts [sic], plates by J.F. Sowerby).

W.C., *J. Bot.* 12: 188-189. Jun 1874 (rev. of part I).

24.871. *New British Hepaticae ...* *Trans. Bot. Soc. Edinburgh ...* 1879. Oct.

Co-author: William Henry Pearson (1849-1953), see TL-2/4: 132-134.

Cover: [1879], p. [i] (cover for two papers in one reprint).

Publ. (1): 1879 (read 10 Jul 1879), "*Discovery of Harpanthus Flotovianus in Scotland* by W.H. Pearson. Communicated by Dr. Carrington", p. [443]-447, *pl.* 15. – Reprinted and to be cited from *Trans. Bot. Soc. Edinburgh* 13: 443-447, *pl.* 15. 1879.

(2): 1879 *Notes on New British Hepaticae ...* by B. Carrington, p. 461-470, *pl.* 17 (in text "*pl.* 18"). – Id. p. 461-470, *pl.* 16-18. *Copies*: B, G.

Ref.: J., *Hedwigia* 20(10): 158-159. 1881 (rev.).

24.872. List of *Hepaticae* collected by Mr. Thomas Whitelegge in New South Wales 1884-5. ... From ... *Proceedings of the Linnean Society of New South Wales ...* 1887. Oct.

Collector: Thomas Whitelegge (1850-1927), see IH 2: 1149.

Co-author: William Henry Pearson (1849-1923), see TL-2/4: 132-134.

Publ.: 28 Dec 1887 (date on p. [1035]), p. [1035]-1060, *pl.* 22-37 (uncol. liths.). *Copy*: G. – Reprinted and to be cited from *Proc. Linn. Soc. N.S.W. ser. 2. 2: 1035-1060, pl. 22-37.* 1887.

Ref.: Husnot, T., *Rev. bryol.* 15(4): 63. 1888 (note).

24.873. *A new Hepatic ...* Reprinted from the "Journal of Botany" ... 1889. Oct.

Co-author: William Henry Pearson (1849-1953), see TL-2/4: 132-134.

Publ.: Aug 1889 (in journal), p. (1), *pl.* 290. *Copies:* B, G, NY. – Reprinted and to be cited from *J. Bot.* 27: 225, *pl.* 290. 1889.

Carriso, Luis Wittnich (1886-1937), Portuguese botanist, studied at the University of Coimbra, Dr. nat. Phil. 1911, worked some time with R. Chodat in Genève, assistant professor at Coimbra, succeeded Julio Henriques, as full professor ib. 1928, explored the botany of the Portuguese possessions, started in collaboration with the Botanical Department of the British Museum (BM) a flora of Angola, died on a botanical mission to Angola (*Carriso*).

HERBARIUM and TYPES: COI, further material in BM, MO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 315 (b. 14 Feb 1886, Figueira da Foz, d. 14 Jun 1937, Mossamedes, Angola); BL 1: 22, 289; IH 2: 117, 1 (ed. 8): 275; Kew 1: 484.

BIOFILE: Anon., *J. Bot.* 79: 28-29. 1941 (note on his death).

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COMPOSITE WORKS: (1) Founder of *Conspectus florae angolensis*, see A. W. Exell, *Consp. fl. angol.* 1937-1970, see TL-2/1: 808, no. 1734, preface vol. 1, p. [ix]-xii, Coimbra, Janeiro de 1937. – See BL 1: 22.

24.874. *Materials para o estudo do plancton na costa portuguesa* 1. ... Coimbra (Imp. da Universidade) 1911. Oct. (*Est. planct. costa portug.*).

Publ.: 1911, p. [1]-110, 5 *pl.* – Fide J. Henriques, *Bot. Centralbl.* 117(49): 588-589. 5 Dec 1911. – No copy seen.

***Carroll, Isaac** (1828-1880), Irish lichenologist, born at Aghada, County Cork, interested in first instance in the plants (soon mainly the lichens) of the counties Cork and Kerry, making often collections with David Moore (q.v.), visited Lapland 1864 as well as Iceland. (*Carroll*).

HERBARIUM and TYPES: University College Cork (CRK, p.p. transferred at DBN (IH part 1, ed. 8, p. 575)), further material at BM, CGE, DBN, E, K, M, O, OXF, TCD, UPS. – Exsiccatae see TL-2/1: 460 (and Mitchell p. 17, no 56). – For BM holdings see G. Murray (1904).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 315; BB p. 59; BM 6: 187; Clokie p. 143; CSP 1: 802, 7: 339; Desmond p. 120 (d. Aghada, County Cork 17 Sep 1880); GR p. 752; GR cat. p. 61; IH 2: 117; LS 4692-4696, 31.891; TL-2/1:460.

BIOFILE: Anon., *J. Bot.* 12: 352. 1874 (cryptog. herb. [p.p.] of C. acquired by BM), 19: 64, 128. 1881; *Bot. Not.* 1882: 29.

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Seaward, M.R.D., E. Ch. Nelson and B.J. Coppins, Glasra 6: 71-96. 1982.

Stieber, M.T. and A.L. Karg, Huntia 5(3): 136. 1984 (letters at HU).

Synnott, D.M., Glasra 4: 20. 1980 (details on DBN holdings).

Woodward, B.D., Hist. Coll. nat. hist. depts. BM 1: 33. 1908 (in library 262 orig. pencil drawings).

24.875. *Contributions to Irish lichenology* 1+2 ... Natural History review ... 1859. Oct.

Publ.: Oct 1859 (in journal), p. [1]-10, *pl.* 29-31 (uncol. liths.). *Copy*: G. – Reprinted and to be cited from Nat. Hist. Rev. 6: 525-531, 531-533. 1859. – Also published in Proc. Dublin Univ. Zool. Bot. Assoc. 1: 268-274, 276-280. 1859.

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24.876. *Contributions to British lichenology* ... Journal of Botany ... 1865-1868. Oct.

Publ. 1865-1868, in J. Bot. 3: 286-293. 1865; 4: 22-26. 1866; 5: 254-260. 1867; 6: 100-101. 1868.

Note: Data from Mitchell. – No reprint seen.

Ref.: Mitchell, M.E., Bibl. Irish lichenol. 17-18. 1971.

Carron, Gustave (1838-1895), Belgian botanist, born 24 Jun 1838 at Bruxelles, died 3 Feb 1895, author on the Belgian flora. (*G. Carron*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 316 (b. 24 Jun 1838, d. 3 Feb 1895); BL 2: 36-37, 638.

24.877. *Florule des environs de Bruxelles* ... Bruxelles (Imprimerie Veuve Monnom ...) 1889. Oct.

Co-author: H. Zwendelaar.

Publ.: 1884-1889 (in journal), p. [i], [1]-152, [153]. *Copies*: HH, L. – Reprinted and to be cited from Bull. Soc. roy. Linn. Bruxelles 12: 9-18, 41-50, 101-108. 1884-1885.

13: 64-68, 106-112, 199-202, 226-235. 1885-1887.

14: 33-39, 63-73, 110-120, 127-134, 159-168, 173-177. 1877-1888.

15: 16-24, 42-52, 77-87, 104-117, 139-152. 1888-1889.

***Carruthers, William** (1830-1922), British botanist and palaeobiologist, born at Moffat, Dumfriesshire, educated at the Moffat Academy, entered New College, Edinburgh 1854, studied natural sciences, assistant at the Departement of Botany of the British Museum August 1859, keeper id. 1871-1895, president of the Linnean Society 1886-1890, Fellow of the Royal Society 1871, PH.D. Uppsala 1907. (*Carruthers*).

HERBARIUM and TYPES: BM.

BIBLIOGRAPHY and BIOGRAPHY: Andrews ed. 2: 244-245; Backer p. 105-106; Barnhart 1: 316 (b. 29 Mai 1830, Moffat, d. 2 Jun 1922, Norwood); BB p. 60; BL 1: 40, 289; BM 1: 320, 6:

188 (q.v. sic); Bossert p. 66; CSP 1: 801, 7: 339, 9: 454, 12: 144, 14: 81-82; Desmond p. 120; De Toni 1: xviii, xix, lii, 4: x; Ewan ed. 2: 37; Hortus 3: 1190; IF p. 685, IH 2: 117; Jackson p. 530 (index); Kew 1: 485; KR p. 115; LS 4703-4719, 31.906-31.921, 41.096; Morren ed. 2, p. 24, ed. 10, p. 70; MW p. 70; NW p. 42; PR p. 57; Quenstedt p. 74; SBC p. 117; TL-2/1: 460-461, and see indexes; Zander ed. 10, p. 643, ed. 11, p. 732.

BIOFILE: Anon., *Flora* 52(21): 331. 1869 (Wollaston Preis); *Bot. Zeit.* 29(45): 780. 1871 (appt. curator Botany BM); *Geol. mag. ser. 2.* 9: 193-199. 1912 (portr., bibl.); *Bot. Not.* 1922: 287 (d.); *Proc. Linn. Soc. London* 1922/23: 38-48. 1923.

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(2) R.I. Murchison, *Siluria*. p. xv, 523, 37 pl. London ed. 4. 1867, "On Graptolites" by W. Carruthers.

(3) R.F. Burton and C.F.T. Drake, *Unexplored Syria: visits to the Libanus, ...* vol. 2, App. III, *Lebanon plants* by W. Carruthers.

(4) B.C. Seemann, *Flora vitiensis*, 1865-1873. TL-2/11.613, q.v. *Ferns* by W. Carruthers.

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(11) *On the original portraits of Linnaeus*, *Proc. Linn. Soc. London* 118: 59-69, pl. 1-8. Oct 1906. – See also KR p. 115.

(12) See also BM 1: 320: 9 titles with other botanists.

24.878. On some species of *Oaks* from *Northern China*, collected by W.F. Daniell ... From the *Journal of the Proceedings of the Linnean Society ...* [1861]. Oct. *Collector:* W.F. Daniell (1818-1865), see IH 2: 151.

- Publ.*: 1 Nov 1861, p. [1]-2. *Copy*: G. – Reprinted and to be cited from *J. Proc. Linn. Soc.* 6: 32-33. 1861.
- 24.879.** On *Araucarian cones* from the secondary beds of Britain ... Extracted from the *Geological Magazine* ... 1866. Oct.
Publ.: Jun 1866 (date on p. [1]), p. [1]-4, *pl. 11* (uncol. lith.). *Copies*: B, HH. – Reprinted and to be cited from *Geol. Mag.* 3(24): 249-252, *pl. 11*. 1866.
- 24.880.** On *gymnospermatous fruits* from the secondary rocks of Britain ... Reprinted from the "Journal of Botany" ... 1867. Oct.
Publ.: Jan 1867 (in journal), p. [1, added t.p.] – 23 *pl. 57-59* (uncol. liths.). *Copy*: B. Reprinted and to be cited from *J. Bot.* 5(1): 1-21. 1867.
- 24.881.** *British fossil Pandaneae* ... Extracted from the *Geological Magazine* ... 1868. Oct.
Publ.: Apr 1868 (date on p. [1]), p. [1]-4, *pl. 9*. *Copies*: B, G, HH. – Reprinted and to be cited from *Geol. Mag.* 5(4): 153-156. 1868.
- 24.882.** On some undescribed *coniferous fruits* from the secondary rocks of Britain ... Extracted from the *Geological Magazine* ... 1869. Oct.
Publ.: Jan 1869 (date on p. [1]), p. [1]-8, *pl. 1-2* (uncol. liths.). *Copy*: G. – Reprinted and to be cited from *Geol. Mag.* 6(1): 1-7 [sic], *pl. 1-2*. 1869.
- 24.883.** On the *structure and affinities of Sigillaria* and allied genera ... Proceedings of the Geological Society [of Great Britain] 1869. Oct.
Publ.: Aug 1869 (in journal, read 24 Mar 1869), title recto of p. 248, p. 248-254, *pl. 10*.
Copies: B, G. – Reprinted and to be cited from *Quart. J. Geol. Soc.* [of Great Britain] 15: 248-254, *pl. 10*. 1869. – See also *Phil. Mag.* 38: 402. 1869.
- 24.884.** On *Beania*, a new genus of Cycadean fruit, from the Yorkshire Oolites ... Extracted from the *Geological Magazine* ... 1869. Oct.
Publ.: Mar 1869 (date on p. [1]), p. [1]-2, *pl. 4*. *Copies*: G, HH. – Reprinted and to be cited from *Geol. Mag.* 6(3): 97-99, *pl. 4*. 1869. – *Beania*, see ING 1: 186. 1979.
- 24.885.** On the structure of the *stems* of the *arborescent Lycopodiaceae* of the *Coal-measures* ... Monthly microscopical Journal 1869-1872. Oct.
Publ.: I: 1 Mai 1869 (date on p. 177), cover (identif.), *pl. 27* (uncol. lith.), p. 177-181. 1869.
Copy: G. – Reprinted and to be cited from *Monthly microsc. J.* 2: 177-181, *pl. 27*. 1869.
II [I]: 1 Nov 1869 (date on p. 225), cover (identif.), *pl. 31* (uncol. lith.), p. 225-227. *Copy*: G. – Id. 2: 225-227, *pl. 31*. 1869.
III: 1 Mar 1870 (in journal), p. 144-154, *pl. 43-44* (uncol. liths.). *Copy*: BR. – Id. 3: 144-154, *pl. 43-44*. 1870.
IV [III]: 3 Jan 1872 (date on p. 50), p. 50-54, *pl. 7-8* (uncol. liths.). *Copies*: BR, G. – Id. 7: 50-54, *pl. 7-8*. 1872.
- 24.886.** The *cryptogamic forests* of the Coal Period ... Extracted from the *Geological Magazine* ... 1869. Oct.
Publ.: Jul 1869 (date on p. [1]), cover-t.p., *1 pl.* (uncol.), p. [1]-12. *Copies*: BR, G. – Reprinted and to be cited from *Geol. Mag.* 6(7): 289-300, *1 pl.* 1869. – The copy in BR is taken from "Royal Institution of Great Britain", read 16 Apr 1869.
- 24.887.** On *fossil Cycadean stems* from the secondary rocks of Britain ... Extracted from the *Transactions of the Linnean Society of London* ... [1870]. Qu.
Publ.: 21 Mai 1870 (fide S. Raphael, *Biol. J. Linn. Soc.* 2: 76. 1970), cover-t.p., p. [675]-708, *pl. 54-63* (uncol. liths.). *Copies*: G, L. – Reprinted and to be cited from *Trans. Linn. Soc. London* 26(4): 675-708, *pl. 54-63*. 1870.

24.888. On the *petrified forest near Cairo* ... Extracted from the Geological Magazine ... (Published by Trübner & Co. ... London, E.C.) 1870. Oct.

Publ.: Jul 1870 (in journal), cover-t.p., p. [1]-4, *pl. 14* (uncol. lith.). *Copy:* B. – Reprinted and to be cited from *Geol. Mag.* 7: 316-318, *pl. 14*. 1870.

24.889. On the *structure of a fern-stem* from the Lower Eocene of Herne Bay, and its allies, recent and fossil ... From the Quarterly Journal of the Geological Society ... 1870. Oct.

Publ.: Aug 1870 (date on p. [i], read 9 Mar 1870), p. [i], [349]-354, *pl. 24-25* (uncol. liths.).

Copies: BR, G. – Reprinted and to be cited from *Quart. J. Geol. Soc.* 26: 349-354, *pl. 24-25*. 1870. – See also *Phil. Mag.* 40: 225-226. 1870.

24.890. On some *supposed vegetable fossils* ... from the Quarterly Journal of the Geological Society 1871. Oct.

Publ.: Nov 1871 (date on p. [443], read 21 Jun 1871), p. [443]-449, *pl. 19* (uncol. lith.).

Copies: BR, G. – Reprinted and to be cited from *Quart. J. Geol. Soc.* 27: 443-448 [sic], *pl. 19*. 1871.

24.891. On two *undescribed coniferous fruits* from the secondary rocks of Britain ... [London 1871]. Oct.

Publ.: 1871, p. [1]-6, *1 pl.* *Copy:* HH. – Reprinted and to be cited from *Geol. Mag.* 8: 540-544. 1871.

24.892. *Notes on some fossil plants* ... Extracted from the Geological Magazine ... 1872. Oct.

Publ.: Feb 1872 (date on p. [1]), p. [1]-11, *pl. 2* (uncol. lith.). *Copy:* BR. – Reprinted and to be cited from *Geol. Mag.* 9(2): 49-59. 1872.

24.893. *Notes on fossil plants from Queensland, Australia* ... From the Quarterly Journal of the Geological Society ... 1872. Oct.

Publ.: Aug 1872 (date on p. [1], read 24 Apr 1872), p. [1]-8, *pl. 26-27* (uncol. liths. by D.

Blair). *Copies:* BR, G. – Reprinted and to be cited from *Quart. J. Geol. Soc.* 28: 350-360, *pl. 26-27*. 1872.

24.894. On the history, histological structure, and affinities of *Nematophycus Logani*, Carr. (*Prototaxites Logani* Dawson) ... Reprinted from the Monthly microscopical Journal: Transactions of The Royal microscopical Society, and record of histological research at home and abroad ... [London (Printed by William Clowes & Sons, ...) 1872]. Oct.

Publ.: 1872, cover (identif.), p. 160-172, *pl. 31-32* (uncol. liths.). *Copies:* B, BR. – Reprinted and to be cited from *Monthly microsc. J.* 8: 160-172, *pl. 31-32*. 1872.

24.895. On *Halonina* of Lindley and Hutton and *Cyclocladia* of Goldenberg ... Extracted from the Geological Magazine ... 1873. Oct.

Publ.: Apr 1873 (date on p. [1]), p. [1]-8, *pl. 7* (uncol. lith.). *Copy:* BR. – Reprinted and to be cited from *Geol. Mag.* 10(4). 1873 (n.v.).

24.896. On some *Lycopodiaceous plants* from the old red sandstone of the North of Scotland ... Extracted from the "Journal of Botany" ... 1873. Oct.

Publ.: Nov 1873 (date on p. [i]), p. [i]-vii, *pl. 137* (uncol. lith.). *Copy:* BR. – Reprinted and to be cited from *J. Bot.* 11: 321-327, *pl. 137*. 1873.

24.897. *Fossil plants and their testimony* in reference to the doctrine of evolution. Being two presidential addresses delivered to the Geologists' Association at the opening of Sessions 1875-6 and 1876-7, on November 5th, 1875 and November 3rd, 1876 ... Reprinted from the Proceedings of the Geologists' Association ... 1877. Oct.

Publ.: Jan 1877 (in journal), cover-t.p., p. [i, contents], 1-16, 17-35. *Copies:* B, G. – Reprinted and to be cited from *Proc. Geol. Assoc.* 5(1): 1-16. Jan 1877, 5(2): 17-35. 1878. – First

address: *On Fossil plants*, delivered 5 Nov 1875. – Second address: *On the testimony of fossil botany to the doctrine of evolution*, delivered 3 Nov 1876.
 Ref.: Anon., J. Bot. ser. 2. 6: 256-257. Sep 1917 (brief rev.).

24.898. Address delivered at the anniversary meeting of the Linnean Society of London on the 24th May 1889 ... 1890. Oct.

Publ.: 1890, p. [1]-21. Copy: HH. – Reprinted and to be cited from Proc. Linn. Soc. 1888/1889: 12-31. 1890.

Id.: 1891 (on the 24th of May 1890), p. [1]-13. Copy: HH. – Id. 1889/1890: 78-89. 1891.

24.899. *Amendments to the Paris Code of botanical Nomenclature* suggested for consideration of the Vienna Congress of 1905 by the botanists of the British Museum, and others ... [London 1905]. Oct. (format). (*Amendm. Paris Code bot. Nom.*).

Authorship: William Carruthers, George Murray, James Britten, Antony Gepp, E.G. Baker, A.B. Rendle, B. Daydon Jackson, W.P. Hiern, Spencer le M. Moore, [in handwriting added: Daniel Oliver].

Publ.: Jan-Jun 1905, p. [1]-3. Copy: FAS(B).

Carse, Harry (1857-1930), British teacher and amateur botanist, England born, moved to Auckland, N.Z., collected plants in Auckland, especially interested in Filices and Cyperaceae. (*Carse*).

HERBARIUM and TYPES: AK and AKU, further material at C, CANTY (800), CHR, K, MO, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 316 (d. 25 Nov 1930); BL 1: 79, 289; Desmond p. 120 (b. Leek, Staffs, d. 25 Nov 1930); IH 2: 117; Kew 1: 485.

BIOFILE: Anon., Taxon 26(1): 159-160. 1977 (material at CANTY).

Cheeseman, T.F., Manual New Zealand flora xxxvi. 1906, ed. 2: 35. 1925; Trans. New Zealand Institute 62: 176-178. 1931 (with portr.).

24.900. *On the flora of the Mangonui County* ... Wellington, N.Z. (John Mackay, ...) 1911. Oct.

Publ.: Jul 1911 (in journal), cover-t.p., p. [i, recto of 194], [194]-224. Copy: B. – Reprinted and to be cited from Trans. New Zealand Institute 43: 194-224. 1910 [1911]. – Additions see next item and l.c. 48: 237-246. 1916.

Note: See also his *On the flora of the Manku district*, Trans. New Zealand Institute 34: 362-386. 1902 (see BL 1: 79).

24.901. *The ferns and fern allies of Mangonui County*, with some notes on abnormal forms ... Wellington ... 1915. Oct.

Publ.: Jul 1915 (in journal), in Trans. New Zealand Institute 47: 76-93. 1914 [1915]. – No reprint seen.

Ref.: Gepp, A., Bot. Centralbl. 132(13): 354. 1916.

***Carson, Joseph** (1808-1876), American (Philadelphia born) physician and botanist, educated at Germantown Academy, entered 1823 the Sophomore Class of the University of Pennsylvania, Bachelor of Arts 1826, entered a wholesale drugstore and up again studying medicine at the University of Pennsylvania, Dr. med. March 1930, elected resident physician in the Philadelphia Almshouse but took a voyage to the East Indies visiting Madras and Calcutta, returning 1832, taking up practitioner of obstetrics, member of the Academy of natural sciences 1835, professor of materia medica in Philadelphia College of Pharmacy 1836-1850, physician in Pennsylvania Hospital 1849-1854, professor of materia medica and therapeutics 1850-1876 in the University of Pennsylvania. (*Carson*).

HERBARIUM and TYPES: PH. – Further material at CAL, LLO, P-DU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 316 (b. 19 Apr 1808, Philadelphia, Pa., d. 30 Dec 1876, id.); CSP 1: 802; IH 2: 117; ME 1: 171, 3: 549; NI 333; PR 1545; Rehder 3: 58, 243; TL-2/1: 461; Tucker 1: 142.

BIOFILE: Anon., J. Bot. 15: 128. 1877 (d.).

Carson, J., A history of the medical Department of the University of Pennsylvania, from its foundation in 1765 ... 227 p., Lindsay and Blakiston, Philadelphia 1869.

Ewan, J. et al., Short hist. bot. U.S. 148. 1969.

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NOTES: (1) TL-2/1032, note by J.A. Mears: PH has the Carson's copy with the date 1846, probably a first set of proofs.

(2) Letter to Torrey, 11 Mar 1864, 4 p., at NY.

Carter, Annetta Mary (1907-1991), American botanist, born Sierra Madre, Los Angeles Co., Calif., studied and worked at the University of California, AB 1930, AM 1932. (*A.M. Carter*).

HERBARIUM and TYPES: UC, further material at HH, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 317 (b. 28 Jun 1907); IH 2: 117; Kew 1: 486; Roon p. 25.

BIOFILE: Anon., Herb. Univ. California, death announcement (b. 28 Jun 1907, d. 8 Mai 1991).

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Publ.: 3 Jan 1935 (in journal), p. [33]-42, *pl.* 4-5. *Copy:* Gr-V. – Reprinted and to be cited from Bull. Torrey bot. Club 62(1): 33-42, *pl.* 4-5. 1935.

Carter, Henry John (1813-1895), British geologist, diatomist, born and died at Budleigh Salterton, Devon, studied medicine 1829, as indoor pupil Devon and Exeter Hospital, 1835 at University College, London, House surgeon, soon later appointed as conservator of the College Museum, studied at the École de Medecine, Paris, 1841, 1842 appointed surgeon in the service of the East India Company, 1844 Medical Officer, 1846 assistant Civil Surgeon in Bombay until 1862, in retirement 1862 in Budleigh, Selterton. (*H.J. Carter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 317 (b. 18 Aug 1813, d. 4 Mai 1895); BM 1: 321; CSP 1: 802, 7: 341, 9: 454, 12: 144, 14: 83; Desmond p. 121; De Toni 1: xix, 2: xviii, 4: x; Frank 3(Anh.): 16; Kew 1: 486.

BIOFILE: Crawford, D.G., Hist. Indian medical service 1600-1913, 2: 148. 1914.

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24.903. On *specific character*, fecundation and abnormal development in *Oedogonium* ... Ann. Mag. Nat. Hist. ... 1858. Oct.

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Publ.: 1863, in Ann. Mag. Nat. Hist. ser. 3. 11: 182-188. 1863. – No reprint seen.

24.905. On the structure of *Hildebrandtia fluviatilis*, Brebiss. ... [Journal of Botany ... 1864]. Oct.

Publ.: 1 Aug 1864 (in journal), p. [225]-228, *pl.* 20 (col. W. Fitch, del. et lith.). *Copy*: L. – Reprinted and to be cited from J. Bot. 2: 225-228, *pl.* 20. 1864.

Carter, Humphrey Gilbert (1884-1969), British (Devon) botanist, studied at the Universities of Edinburgh and Cambridge, economic botanist on Botanical Survey of India 1913-1921, director Botanic Garden, Cambridge 1921-1950, university lecturer in botany 1930-1950. (*H.G. Carter*).

NOTE ON NAME (see Barnhart 1: 317): Early books signed Humphrey G. Carter; his *Glossary of the British flora 1955* signed H. Gilbert-Carter. For further information see H. Gilbert-Carter, to be treated in the supplement sub "G".

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 317 (q.v. for names); Desmond p. 121, 251-252; TL-2/see indexes sub Carter and Gilbert-Carter.

BIOFILE: Anon., Humphrey Gilbert Carter, The Times 6 Jan 1969.

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Ref.: Wernham, H.F., J. Bot. 52: 186-187. Jul 1914 (rev.).

24.907. *Some plants of the Zor Hills*, Koweit, Arabia ... Calcutta (Superintendent Government Printing, India) 1917. Oct.

With notes by: P.Z. Cox and S.G. Knox.

Publ.: Mar 1917 (in journal), cover-t.p., p. [i*-ii*], 172-174 (= [i], ii, [iii]), 175-206, [i]-v, [vi, printer's mark]. *Copies*: NY, U. – Issued as Rec. Bot. Survey India 6(6): [i*-ii*], 172-206, [i]-v, [vi]. 1917.

24.908. *Useful plants of the district of Lakhimpur* in Assam ... Calcutta (Superintendent Government Printing, India) 1921. Oct.

Co-author: Dorine N. Carter.

Publ.: Mar 1921 (in journal), cover-t.p., p. [i*-iv*], 353-354 (= [i], ii), 355-420, [i-ix, index]. *Copies*: NY, U. – Issued as Rec. Bot. Survey India 6(9): [i*-iv*], 353-420, [i-ix]. 1921.

Carter, James Madison Gore (1843-1919), American physician and medical botanist, born in Johnson County, Illinois, A.B. St. John's 1877, M.D. Chicago medical college 1880, Ph.D. 1887, professor of pathology, college physicians and surgeons, Illinois 1891-1893, clinical medic. 1893-1899, emeritus med. professor from 1899. (*J.M. Carter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 317; BL 1: 158, 174, 289; Tucker 1: 142.

BIOFILE: Anon., Amer. men sci. ed. 2: 77. 1910.

- 24.909.** *A synopsis of the medical botany of the United States ...* St. Louis, Mo. (Geo. H. Field ... Publisher. Office of St. Louis Medical Journal ...) 1888. Oct. (*Syn. med. bot. U.S.*).
Publ.: 1888 (preface signed 16 Jan 1888), p. [i]-x, [1]-176. *Copies*: HH, MO, NY. – See notes by Blake (BL 1: 158).
Note: *A synopsis of the medical botany of Illinois*, Chicago 1884, 45 p. (n.v.).
Ref.: Anon., *Bot. Gaz.* 13(10): 277. 1888.

Carter, Nellie (1895-x), British botanist (algologist), studied at the University of Birmingham, B.Sc. 1915, M. Sc. 1915, Dr. Sci. 1919, FLS 1926. (*N. Carter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 317; Kew 1: 486.

- 24.910.** *Studies on the Chloroplasts of Desmids I-IV ...* *Annals of Botany ...* 1919-1920. Oct.
Publ.: 1: Apr 1919 (in journal), cover-t.p., p. [215]-254, *pl. 14-18* (uncol.). *Copy*: B. – Reprinted and to be cited from *Ann. Bot.* 33(130): 215-254, *pl. 14-18*. 1919.
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- 24.911.** A systematic account of the plants collected in New Caledonia and the Isle of Pines by Mr. R.H. Compton, M.A., in 1914. *Freshwater algae* by Nellie Carter, D.Sc. ... Extracted from the Linnean Society's Journal - Botany ... 1912. Oct.
Collector: Robert Harold Compton (1886-1979), see IH 2: 135.
Publ.: 20 Jun 1922 (in journal), p. [47]-68, *pl. 4* (uncol.). *Copy*: B. – Reprinted and to be cited from *J. Linn. Soc., Bot.* 46(305): 47-68, *pl. 4*. 1922.
- 24.912.** *Freshwater algae from India ...* Calcutta (Government of India central publication branch) 1926. Oct.
Publ.: 20-30 Apr 1926 (printed 20 Apr 1926, date p. 302), cover-t.p., p. [i-ii], [263]-302, *pl. 1-2* (uncol. drawings with text), p. [1]-4 (errata, in copies BR and G). *Copies*: BR, G, NY, U. – Issued as *Rec. Bot. Survey India* 9(4), 1926.
- 24.913.** *An investigation into the cytology and biology of the Ulvaceae ...* *Annals of Botany ...* 1926. Oct.
Publ.: Jul 1926 (in journal), cover-t.p., p. [665]-689, *pl. 22-23* (uncol.). *Copies*: B, BR, G. – Reprinted and to be cited from *Ann. Bot.* 40(159): 665-689, *pl. 22-23*. 1926.
- 24.914.** *A comparative study of the Alga flora of two salt marshes I-III ...* Cambridge (at the University Press ...) 1932-1933. Qu.
Publ.: 1: Aug 1932 (date on cover-t.p.), cover-t.p., p. [341]-370. *Copy*: B. – Reprinted and to be cited from *J. Ecol.* 20(2): 341-370. 1932.
 2: Feb 1933 (date on cover-t.p.), cover-t.p., identif. recto of p. [128], p. [128]-208. *Copy*: B. – Id. 21(1): 128-208. 1933.
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- 24.916.** *New or interesting algae from brackish water ...* [Jena (Verlag von Gustav Fischer) 1937]. Oct.

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Carter, William R. (fl. 1921), Canadian botanist, assistant in biology with the Provincial Museum of British Columbia 1918-1926. (*W. Carter*).

HERBARIUM and TYPES: V. – Further material in HH, LCU, POM.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 318; *BJI* 1: 134, 289; *BL* 1: 134; *Hortus* 3: 1190; *IH* 2: 117; *Zander* ed. 10, p. 643, ed. 11, p. 732.

24.917. *A preliminary catalogue of the Flora of Vancouver and Queen Charlotte Islands - Provincial Museum of Natural History Victoria B.C. ...* (Printed by William H. Cullin ...) 1921. Oct. (*Prelim. cat. Fl. Vancouver*).

Assistance by: Frederick Charles Newcombe (1858-1927), see TL-2/3: 736.

Publ.: 1921 (preface dated 7 Mar 1921), p. [1]-86, [87, add., 88, add., index]. *Copies*: MO, NY. *Ref.*: *Anon.*, *J. Bot.* 60: 29. Jun 1922 (brief note).

***Caruel, Théodore** (Teodoro) (1830-1898), son of a French father and an English mother, born at Chandernagor (Bengal, nr. Calcutta), moved with his parents to Firenze 1844, from 1850 botanizing with Targioni-Tozzetti et al., studied at the University of Pisa, assistant with Filippo Parlatore 1858-1862 in Firenze, director of the old botanical garden at Firenze 1867, professor of botany and director of the Botanical Garden at the University of Pisa 1871, id. at the Institute of higher study at Firenze 1880-1895, id. director Orto botanico dell' Università 1880-1896, paralysed 1895-1898. (*Caruel*).

HERBARIUM and TYPES: FI (11.000 foreign), PI (Ital.), further material in AWH, B, BM, E, G, GB, K, L, LE, MPU, NY, OXF, P, PC. – See also V. de Cesati.

BIBLIOGRAPHY and BIOGRAPHY: *AG* 3: 249, 12(3): 516; *Barnhart* 1: 318 (b. 27 Jun 1830, Chandernagor, India, d. 4 Dec 1898, Firenze, Italy); *BJI* 1: 9; *BL* 2: 335, 397-398, 638; *BM* 1: 321; *Bossert* p. 67; *Clokie* p. 144; *CSP* 1: 805-806, 7: 343-344, 9: 457-458, 12: 144-145, 14: 85-86; *De Toni* 1: xix, 4: x; *DTS* 1: 44, 6(4): 128; *GR* p. 529; *Hortus* 3: 1190; *IH* 1 (ed. 6): 357, (ed. 8): 519, 2: 118 (not 128), 120; *Jackson* p. 530 (index); *Kew* 1: 487-488; *Langman* p. 190; *LS* 4720-4723; *Morren* ed. 2, p. 27, ed. 10, p. 83; *MW* p. 71; *PR* 1561-1567, 10.545; *Rehder* 5(index): 159-160; *Saccardo* 1: 46, 2: 28-29, cron. p. xviii; *TL*-2/1: 461-462; *Tucker* 1: 142; *Urban-Berl.* p. 336.

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(5) *Prodr. fl. tosc.*, fasc. 3 [see TL-2/1034]: p. 305-592, rev. by Fournier, Bull. Soc. bot. France 10(Bibl.): 529. Apr 1864.

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24.918. *Observations sur l'Heterotoma lobelioides* Zucc. de la famille des Lobéliacées ... Extrait des Annales des Sciences naturelles ... [Paris (Imprimerie de L. Martinet, ...) 1859]. Oct. Publ.: 1859, p. [1]-4. Copies: B, G. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 4. 11(5): 269-272. 1859.

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Publ.: Feb 1863 (in journal, read 25 Jan 1863), p. [1]-5, [6], pl. 1 (uncol. lith.). Copy: G. – Reprinted and to be cited from Atti. Soc. ital. Sci. nat. 5: 28-32, pl. 1. 1863.

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Publ.: 1864 (read 6 Dec 1864; rd. by Flora before 14 Dec 1864), cover-t.p., p. [1]-38. *Copies*: G, HH, M, NY. – Reprinted and to be cited from Atti Soc. ital. Sci. nat. 6: 74-109. 1864.
- 24.924.** Sur la *signification morphologique des épines du Xanthium spinosum ...* Extrait du Bulletin de la Société botanique de France ... [Paris (Imprimerie de E. Martinet, ...) 1864]. Oct.
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Publ.: 1864 (research for this title Mar 1864, rev. Bull. Soc. bot. France Mai 1865), p. [1]-4, 1 pl. *Copies*: P (fide Fournier), U. – Reprinted and to be cited from Atti Soc. ital. Sci. nat. 7: 163-166, 1 pl. 1864.
Ref.: Fournier, E., Bull. Soc. bot. France 12(Bibl.): 65. Mai 1865 (rev.).
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Publ.: 1864 (date on cover-t.p.), cover-t.p., p. [1]-14, pl. 1-2 (p.p. col. liths.). *Copy*: U. – Reprinted from Annali Mus. Storia nat., Firenze 1864: 185-196. 1865-1866 (n.v.).
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***Carus, Carl Gustav** (1789-1869), German physician and biologist, born at Leipzig 3 Jan 1789, studied at the University of Leipzig, Dr. phil. ib. 20 Dec 1814, professor at the medical academy at Dresden 1815-1827, physician in ordinary with the King of Saxony 1827-1869, ultimately also president of the Leopoldina 1863-1869. (*Carus*).

HERBARIUM and TYPES: Unknown.

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Zaunick, R., *Bericht* 250. *Wiederkehr ... Leopoldina* 1937: 68-82.

Zuchold, E.A., *Jahresber. nat. Ver. Halle* 5: 12. 1853.

24.992. *Beobachtung* einer sehr eigenthümlichen *Schimmelvegetation*, (*Pyronema marianum* mihi), auf Kohlenboden ... *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Curios.* ... 1835. Qu.

Publ.: 1835 (mss. submitted 20 Oct 1834), p. [367]-375, *pl.* 27. *Copy*: L (xerocopy). – Published as *Nova Acta Leop.* 17: 367-375, *pl.* 27. 1835.

Casali, Carlo (1865-?), Italian botanist and phytopathologist, born at Reggio nell' Emilia, Dr. Sci. nat., sometime at the Botanical Institute Roma from 1894, from 1908 at the University of Parma, professor of natural sciences and zootechnic, later at Reggio nell' Emilia. (*Casali*).

HERBARIUM and TYPES: SPAL (fide Grummann p. 529); mycological type specimens also at Avellino, Ist. Tecn. Agr. Special.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 319 (b. 25 Jul 1865, Reggio Emilia); BL 2: 345, 351, 638; GR p. 529; LS 4739-4746, 31.928; Rehder 2: 319, 834; Saccardo 1: 46, 2: 29.

BIOFILE: Anon., *Bot. Centralbl.* 57(7): 223. 7 Feb 1894 (asst. Bot. Univ. Roma); *Bot. Jahrb.* 18(Beibl. 44): 41. 13 Apr 1894 (id.); *ÖBZ* 44(3): 119. 1894 (id.); *Nat. Nov.* 16: 190. 1894 (id.).

24.993. *La Flora del Reggiano ... Pteridofite e Fanerogame ... Avellino (Tipo-Litografia Edoardo Pergola) 1899. Oct. (Fl. Regg.).*

Publ.: Jan 1899 (date on p. 6), cover-t.p., p. [1]-186, [187, errata]. 1899. *Copy:* BR.

24.994. *Flora Irpina ... R. Scuola di Viticoltura ed Enologia di Avellino ... Avellino (Tipo-Litografia Edoardo Pergola) 1901. Oct. (Fl. Irpina).*

Publ.: Feb-Jun 1901 (p. 7 signed Jan 1901, Bot. Zeit. 1 Aug 1901, Bot. Centralbl. 23 Dec 1901), cover-t.p., p. [1]-148, [149, corr.]. *Copies:* BR, G.

Ref.: Solms-Laubach, H., Bot. Zeit. II, 59: 268. 1 Sep 1901 (rev.).

***Casares-Gil, Antonio** (1872-1929), Spanish army physician and botanist, born in Galicia, Santiago-de-Compostella, the son of the director of the University, studied medicine and natural sciences, medical officer, took part in the Spanish-American war in Cuba, later stationed at Barcelona and Madrid, Corogne (colonel 1924), médecin-general inspecteur of the medical service in the Spanish north-west 1928. (*Cas.-Gil*).

HERBARIUM and TYPES: BP, H and MA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 319 (b. 29 Mai 1871, Santiago de Compostella, d. 10 Apr 1929, La Coruña); BM 6: 189; Bossert p. 67; Colmeiro 1: clxvii; CSP 14: 89; IH 2: 118; Kew 1: 489; Rehder 3: 558; SBC p. 117; TL-2/1: 463.

BIOFILE: Allorge, P., Rev. bryol. lichénol. ser. 2. 5(4): 230-231. 1933 (rev. of *Musci* in *Fl. Ibér., Briof.*, see TL-2/1039).

Allorge, V. and P., Bull. Soc. bot. France 76: 961. 1929 (1930); Rev. bryol. lichénol. ser. 2. 3(1-2): 1-4. 1930 (portr., biogr., bibl.).

Anon., Rev. bryol. 41(6): 105. 1914 (rev. of *Fl. Ibér., Briof.*).

Caballero Segares, A., in Casares-Gil, A., *Flora Ibérica, Briofitas 2*: vii-xxx. 1932 (bibl., portr.).

Casas, C. et al., *Treballs Inst. Bot. Barcelona 5*: 17-18. 1978 (bibl.).

Dixon, H.N., J. Bot. 70: 345-346. Dec 1932 (rev. of *Fl. Ibér., Briof.*, part. 2. 1932, see TL-2/1039).

Jennings, O.E., Bryologist 24(2): 30-31. 25 Jul 1921 (rev. of *Fl. Ibér., Briof.*).

Riofrio, B.F., *Cavanillesia 2*: 184-186. 1930 (obit.).

Schuster, R.M., Hep. Anthoc. N. Amer. 1: 26. 1966.

24.995. *Catálogo de las muscineas de los alrededores de Barcelona ... Boletín de la Sociedad española de Historia natural ... 1902. Oct.*

Publ.: Nov 1902 (date on p. [327]), p. [327]-333. *Copy:* G. – Reprinted and to be cited from Bol. R. Soc. españ. Hist. nat. 2: 327-333. 1902.

24.996. *Flora bryologica de Montserrat ... Boletín R. Soc. Españ. Hist. nat. 1905. Oct.*

Publ.: 1905, p. 459-464, in Bol. R. Soc. españ. Hist. nat. 5: 459-464. 1905. – No reprint seen.

24.997. *Flora briológica de la Sierra de Guadarrama ... Madrid (Imprenta de Fortanet ...) 1912. Oct. (Fl. briol. Sierra de Guadarrama).*

Co-author: F. Beltrán Bigorra (1886-?).

Publ.: 15 Dec 1912 (date on t.p.), cover-t.p., p. [1]-50. *Copy:* G. – Issued as Trab. Mus. Cienc. Nat. (Inst. Nac. Ci. fis.-nat.) no. 12, 1912.

Ref.: Henriques, J., Bot. Centralbl. 125(8): 191-192. 24 Feb 1914 (rev.).

24.998. *Una excursión briológica á Sierra Nevada ... Boletín de la Real Sociedad española de Historia natural ... 1914. Oct.*

Publ.: Feb 1914 (date on p. [101]), p. 101-105. *Copy:* G. – Reprinted and to be cited from Bol. R. Soc. españ. Hist. nat. 14: 101-105. 1914.

Ref.: Anon., Rev. bryol. 41(3): 52. 1914 (brief rev.).

24.999. *Enumeración, distribución geográfica de las Muscíneas de la Península Ibérica ...* Madrid (Establecimiento Tipográfico de Fortanet ...) 1915. Oct. (*Enum. Musc. Penins. Ibér.*). Publ.: 15 Jan 1915 (date on t.p.), cover-t.p., p. [1]-179, 3 maps. Copies: B, BR, L, U. – Issued as Trab. Mus. nac. Cienc. nat., Ser. Bot. 8, 1915.

Ref.: Anon., Rev. bryol. 41(6): 104-105. 1914 [1920 sic] (rev.).

Loeske, L., Hedwigia 57(1) (Beibl.): (24)-(25). 10 Sep 1915 (rev.).

25.000. *Memorias de la Real Sociedad Española de Historia natural. Esfagnos de la Península Ibérica ...* Madrid (Museo Nacional de Ciencias naturales ...) 1925. Oct. (*Esfagn. Penins. Ibér.*). Publ.: 25 Aug 1925 (date on cover-t.p.), cover-t.p., p. [1]-81. Copy: BR. – Issued as Mem. R. Soc. españ. Hist. nat. 8(1). 1925.

***Casaretto, Giovanni** (1812-1879), Italian botanist, born in Genova, studied at the Scolopi in Carcare, medicine at the Università di Genova, botany with Viviani, travelled in the Crimea 1836, went to Brazil collecting plants. (*Casar.*).

HERBARIUM and TYPES: TO (private herbarium), further material at F, G, G-DC, M (Lich.). – Possibly also material at GE (see ÖBZ 44: 278. 1894) and other notices. Present situation not clear (see A. Lourteig 1971).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 319 (d. 17 Jun 1879, Chiavari, Italy); BM 1: 323; Bossert p. 67; CSP 1: 809, 7: 345; De Toni 1: xix; Hortus 3: 1190; IH 2: 118; Kew 1: 489; PR 1569, ed. 1: 1721; Saccardo 1: 46, 223; TL-2/1: 463-464; Tucker 1: 143; Zander ed. 10, p. 644, ed. 11, p. 732.

BIOFILE: Anon., ÖBZ 44: 278. 1894 (collection (herb., library) given to GE); Magyar Növ. Lapok 3: 128. 1899.

Candolle, Alph. de, Phytographie 402. 1880 (herb. at TO).

Candolle, A.P. de, Mém. souv. 483. 1862.

Casaretto, G., Alcune delle piu rare e notabili piante del Monte di Portollno, Atti Soc. Econ. Chiavari 1868: 42.

Hooker, W.J., London J. Bot. 6: 481, 482. 1847 (C. was a resident at Genova when Hooker visited him, "herbarium is ultimately to be incorporated with ... Turin", sic).

Lourteig, A., Taxon 20(4): 651-652. 1971 (notes on the collections of C.).

Mattirolo, O., Studi veg. Piemonte, publ. II, on Orto bot. Torino (on C's material).

Papavero, N., Essays on the history of Neotropical dipterology 347. 1975.

Souza Sobrinho, R.J. de, Insula 8: 17. 1976.

Steenis, C.G.G.J. van, Flora males. Bull. 15: 734. 1960 (dates on our TL-2/1040).

Urban, I. Fl. bras. 1(1): 10-11. 1906.

Cash, Edith Katherine (1890-x), American mycologist, studied at George Washington University, A.B. 1912, botanical translator, Bureau plant industr., USDA 1913-1924, junior pathologist 1924-1929, assistant pathologist and mycologist 1929-1944, associated mycologist 1944, subsequently in plant disease epidemics, horticultural crops research and ultimately at agricultural research service. (*E.K. Cash*).

HERBARIUM and TYPES: BPI, some types at IAC (see IH 2: 316).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 319 (b. 4 Oct 1890, Binghamton, N.Y.); IH 2: 118, 316; Kew 1: 490; Roon p. 25; Stevenson p. 1238; TL-2/7501, 9898, 12.133.

BIOFILE: Anon., Amer. men sci. ed. 9. 177. 1955.

Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 77. 1981.

OUTSIDE OUR PERIOD: *A mycological English-Latin glossary*, New York (Hafner Publishing Company) 1965, Mycologia memoir no. 1, 152 p. – See F.A. Stafleu, Taxon 15: 237. 1966.

- 25.001.** *Additional records of Alaskan fungi ...* Reprinted from *The Plant Disease Reporter ...* 1936. Oct.
Publ.: 15 Apr 1937 (date on cover-t.p.), cover-t.p., p. 121-123 (mimeographed). *Copy:* L. – Reprinted and to be cited from *The Plant Disease Reporter* 20(7): 121-123. 1936.
- 25.002.** *Some Ascomycetes new to California ...* Reprinted from *Mycologia ...* 1936. Oct.
Publ.: Mai-Jun 1936 (date on p. 247), p. 247-252. *Copy:* NY. – Reprinted and to be cited from *Mycologia* 28(3): 247-252. 1936.
- 25.003.** *Some new Colorado Discomycetes ...* Reprinted from *Mycologia ...* 1936. Oct.
Publ.: Jul-Aug 1936 (date on p. 297), p. 297-306. *Copy:* NY. – Reprinted and to be cited from *Mycologia* 28(4): 297-306. 1936.
- 25.004.** *Discomycetes from Panama and Colombia ...* University of Iowa Studies in Natural History ... 1937. Oct.
Publ.: 1937, p. [213]-223, pl. 14 (on p. 223) (uncol. phot.). *Copy:* L. – Reprinted and to be cited from *Univ. Iowa Stud. nat. hist.* 17(5): 213-223. 1937.
- 25.005.** *Cenangium molliusculum ...* Reprinted from *Mycologia ...* 1937. Oct.
Publ.: Mai-Jun 1937 (in journal), p. 303-304. *Copy:* L. – Reprinted and to be cited from *Mycologia* 29(3): 303-304. 1937.
- 25.006.** *New records of Hawaiian Discomycetes ...* Reprinted from *Mycologia ...* 1938. Oct.
Publ.: Jan-Feb 1938 (in journal), p. 97-107. *Copies:* L, NY. – Reprinted and to be cited from *Mycologia* 30(1): 97-107. 1938.
- 25.007.** *Some Georgia Discomycetes ...* Reprinted from *Journal of the Washington Academy of Sciences ...* 1939. Oct.
Publ.: 15 Feb 1939 (date on p. [47]), p. [47]-51. *Copy:* L (xerox). – Reprinted and to be cited from *J. Washington Acad. Sci.* 29(2): 47-51. 1939.
Follow-up: A second note on *Georgia Discomycetes*, in *J. Washington Acad. Sci.* 30(7): 299-305. 1940. – No reprint seen.
- 25.008.** *Two species of Hysteriales on Smilax ...* Reprinted from *Mycologia ...* 1939. Oct.
Publ.: Mai-Jun 1939 (in journal), p. 289-296. *Copy:* L. – Reprinted and to be cited from *Mycologia* 31(3): 289-296. 1939.

Caspari, Paul (x-1902), German teacher and botanist at the Höheren Bürgerschule zu Oberlahnstein. (*P. Caspari*).

HERBARIUM and TYPES: Caspari had a herbarium which was sold after his death. Present location unknown to us.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 1: 387.

BIOFILE: Anon., *Allg. Bot. Z.* 8: 192. 15 Nov 1902 (herbarium for sale).

Sydow, P. and C. Mylius, *Botaniker-Kalender Zweiter Jahrg.* 1887, p. 105 (id. 1886, p. 10).

COMPOSITE WORKS: Paul Caspari, *Dr. M. Bach's Flora der Rheinprovinz und der angrenzenden Länder, Die Gefäßpflanzen*, ed. 3, Paderborn 1899. – See e.g. E.H.L. Krause, *Bot. Zeit.* ser. 2. 57: 250. 16 Aug 1899 and *Beih. Bot. Centralbl.* 9(5): 361-362. 1900 (rev.), rd. by *Flora in* 86: 475. 19 Dec 1899.

25.009. Programm der vollberechtigten Höheren Bürgerschule zu Oberlahnstein, wodurch zu der Montag den 1. September 1879 abzuhaltenden öffentlichen Prüfung und zu dem Dienstag den 2. September 1879 zur Feier des Jahrestages der Schlacht bei Sedan stattfindenden Schul-Aktus im Namen des Lehrercollegiums ergebenst einladet der Rektor Dr.

Wirsal. Inhalt: 1) "Ueber die Phanerogamen der Umgebung von Oberlahnstein" von P. Caspari. 2) Schulnachrichten vom Rektor. Oberlahnstein (Druck von Franz Schickel) 1879. Qu. (*Phan. Oberlahnstein*).

Publ.: 2 Sep 1879 (*Bot. Centralbl.* 1/2(9/10): 305. 1880), p. [i], [1]-25, [26, Schulnachrichten].
Copy: B.

Ref.: Ackermann (Cassel), *Bot. Centralbl.* 3/4(47/48): 1470-1471. 1880 (rev.) (N.B. in caption "C. Caspari" rather than P. Caspari).

Casparis, Paul (1889-x), Swiss botanist, born in Davos, 18 Sep 1889, educated at the Gymnasium in Schiers, 1909 in the "Goldenen Apotheke" in Basel, later in the Wettsteinaapotheke, studied 4 semesters at the University of Basel, "Apotheker" in 1914 with "Staats-examen als Apotheker", worked in 1916-1917 for his dissertation ("Herbst 1917"). (*Casparis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 320 (b. 18 Sep 1889, Davos).

25.010. *Beiträge zur Anatomie der Simarubaceenrinden unter besonderer Berücksichtigung der zur Zeit im Handel befindlichen Cortices simarubae.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Hohen philosophischen Fakultät der Universität Basel ... Zürich (Art. Institut Orell Füssli) 1918. Oct. (*Beitr. Simar.-Rind.*).
Publ.: 1918 (text finished 16 Nov 1917, *Nat. Nov.* Jan (1,2) 1919), cover-t.p., p. [1]-62, [63, vita], 1 pl. (uncol. lith.). *Copy*: L.

***Caspary, [Johann Xaver] Robert** (1818-1887), German botanist, hydrobiologist (nenupharologist) and palaeobotanist, born at Königsberg, educated at the Kneiphöfische Gymnasium until 1837, studied theology and philosophy at the Albertina University, Königsberg, later entomology and botany, teacher at a girl's school at Königsberg 1841-1843, studied at the University of Bonn (natural sciences) 1843-1845, assistant for zoology with Goldfuss at Bonn, teacher of natural sciences at Bonn 1845-1846, private teacher from 1846, Dr. phil. Bonn 1848, in England 1848-1850, settled in Berlin 1851-1856, at first as private docent for botany 1851, connected with A. Braun c.s., from 1856 again at Bonn (Privatdocent), 9 Dec 1858 appointed prof. of botany and director of the Botanical Garden at Königsberg in Pr., died 18 Sep 1887. (*Casp.*).

HERBARIUM and TYPES: B (incl. material from Humboldt Univ.), KBG. – Further material at CGE, K, W (Potamogeton, Nymphaea).

BIBLIOGRAPHY and BIOGRAPHY: ADB 47: 462-465; AG 1: 312; Andrews ed. 2, p. 245; Backer p. 107; Barnhart 1: 320 (b. 29 Jan 1818, Königsberg, Pr., d. 18 Sep 1887, Illowo, Pr.); BJI 1: 9-10; BL 2: 235, 638; BM 1: 323, 6: 189; Bossert p. 67; CSP 1: 811-813, 6: 618-619, 7: 345-346, 12: 145, 14: 92; De Toni 1: xix; DNB 3: 165; DTS 1: 44; Frank 3(Anh.): 17; Hortus 3: 1190; IH 2: 118; Jackson p.6, 309, 348, 372; Kew 1: 490-491; KR p. 115; LS 4751-4781, 31.929; Moebius p. 440; Morren ed. 2, p. 8, ed. 10, p. 14; MW p. 71; NI 333, suppl. p. 25; Nordstedt p. 11; PR 1570-1576; Quenstedt p. 76; Rehder 5(index): 160; Stevenson p. 1238; TL-2/1: 464-465, and see indexes; Tucker 1: 143-144; Urban-Berl. p. 263, 270, 336; Zander ed. 10, p. 644, ed. 11, p. 732.

BIOFILE: Abromeit, J., *Schr. phys. oekon. Ges. Königsberg* 28: 111-134. 1887 (bibl.); *Ann. Bot.* 1: 387-395. 1888 (bibl.); *Gesch. Preuss. bot. Ver., in Festschrift* 50 j. Preuss. bot. Ver. xxvii. 1912.

Anon., *Bot. Zeit.* 14(51): 912. 19 Dec 1856 (C. moved at Easter 1856 from Berlin to Bonn), 45(40): 663. 1887 (note on C's friend, Rittergutsbesitzer Langner zu Illowo "infolge eines unglücklichen Sturzes von der Treppe"); *Bonplandia* 5: 15. 1857 (went to Bonn at Easter of 1856), 7: 21. 1 Feb 1859 (appointed [1858] full professor at Bonn and director of the

- Bot. Garden); ÖBZ 9: 62-63. 1 Feb 1859 (requested Aug 1858 to succeed Ernst Meyer at Königsberg [not accepted by C.]); Brockhaus' Conserv. Lex. 4: 42. 1883; Bull. Soc. bot. France 34(2) (Bibl.): 191. 1887 ("Un accident déplorable, une chute dans un escalier ..." died 18 Sep 1887); Nat. Nov. 9(19): 252. 1887 (d. 18 Sep "in Folge eines Unglücksfalles"); Bot. Not. 1888: 45 (d.); Proc. Linn. Soc. London 1887/8: 86-87. 1890; Festschr. 50 j. Bestehen Preuss. bot. Ver. xii. 1912 (note on set-up of Preuss. bot. Ver.).
- Candolle, Alph. de, *Phytographie* 402. 1880.
- Caspary, Joh., *Deut. bot. Monatsschr.* 8: 190. Nov-Dec 1890 ("Anzeige" C's herbarium for sale).
- Conwentz, H., *Ber. deut. bot. Ges.* 29(Gen. Vers. Heft, Anlage 1): (13)-(14). 1912.
- Fitting, H., *Decheniana* 105/106: 4. 1952.
- Heinrich, E., *Bot. Zeit.* 46: 708. 1888 (publ. of Kat. 82. Botanik, enthaltend die kostbare Bibliothek des verstorbenen Professors Rob. Caspary, ... 4000 Werke).
- Högrell, B., *Bot. Hist. I. Öfversigt*, Göteborg 263. 1886.
- Hoffmann, P. et al., *Wiss. Z. Humb. Univ. Berlin, Math.-Nat.* 14: 801. 1965.
- Lack, H.W. and O. v. Sydow, *Willdenowia* 13: 416. 1983 (letter at bibl. UPS).
- Magnus, P., *Verh. [Abh.] bot. Ver. Prov. Brandenburg* 29: 173-180. 1887 (obit., portr.).
- Pfitzer, E., *Ber. deut. bot. Ges.* 6: xxvii-xxxi. 1888 (obit.).
- Reynolds Green, J., *Hist. Bot.* 90, 120. 1909.
- Sanio, C., *Hedwigia* 26(4-5): 184. 1887 (died "in Folge eines Sturzes in Vandsburg auf einer wissensch. Reise").
- Szymkiewicz, D., *Bibl. Fl. Polsk.* 36, 46, 72-73. 1925 (nos. 372-375, 524, 882-900).
- Torrey, J., in *Cat. Ms. Archiv. Coll. New York bot. Gard.* 449. 1973 (letter to Torrey 2 March 1858).
- Urban, I., *Bot. Jahrb.* 14(4) (Beibl. 32): 37-38. 1 Dec 1891 (Nymphaeacea coll. given to B Jan 1890); *Fl. bras.* 1(1): 163-164. 1906.
- Wittrock, V.B., *Acta Horti Berg.* 3(2): 90, 122. 1903, 3(3): 121. 1905 (portr.).

EPONYMY: *Casparya* Klotzsch, in J.F. Klotzsch, *Begoniaceen-Gattungen und Arten*, Berlin (In der Königl. Akademie der Wissenschaften) 1855, p. 126-127, see ING 1: 298. 1979.

COMPOSITE WORKS: (1) and (2) see TL-2/1: 464.

(3) See TL-2/3738, *App. gen. sp. nov.* 1851, by Klotzsch et al.

(4) See TL-2/6704, author of fasc. 27 (nos. 521-540) in Th. Nees, *Gen. fl. germ.* Bonnae 1853 (rev. J. Bot. Kew Gard. Misc. 6: 95. Mar 1854).

25.011. *De Nectariis*. Dissertatio quam ad summos in philosophia honores ab amplissimo philosophorum ordine in Academia Fridericia Guilelmia Rhenana rite impetrandos scripsit et una cum sententiis controversis die xxix. mensis Martii a mdcccxxxviii publice defendet Joh. Xav. Robertus Caspary Regiomontanus. Adversariorum partes suscipient: H. vom Kolke, Dr. phil. R. Nagel, Dr. phil et Lic. th., T. Schulz, Cand. sst. min. Elverfeldae (litteris Julii Schellhoff) 1848. Qu. (*De Nectariis*).

Thesis issue: 29 Mar 1848 (date of defense thesis, Börsenblatt Leipzig rd. 12 Mai 1848), p.

[1]-56, pl. 1-2 (uncol. liths. auct.). *Vita* on p. 52. *Copies*: B-S, BKL, BM.

Regular issue: 29 Mar 1848 or somewhat later, p. [1]-56, pl. 1-3 (id.). *Copies*: G, HH, L, MO,

U. – "*De Nectariis*. Commentationem botanicam ... Bonnae (Apud Adolphum Marcum) 1848. Elverfeldae impressit ... Jul. Schellhoff.

Ref.: Schlechtendal, D.F.L. von, *Bot. Zeit.* 6(35): 628-630. 1 Sep 1848 (rev.).

25.012. *Auffallende Eisbildungen auf Pflanzen ... Botanische Zeitung ... 1854. Qu.*

Publ.: Sep-Oct 1854, p. [1]-15. *Copy*: HH. – Reprinted and to be cited from *Bot. Zeit.* 12: col. 665-674. 22 Sep, 681-690. 29 Sep, 697-706. 6 Oct 1854.

25.013. *Über zwei- und dreierlei Früchte einiger Schimmelpilze (Hyphomyceten) ... Berlin (Gedruckt in der Druckerei der Königl. Akademie der Wissenschaften) 1855. Oct.*

- Publ.:** Mai 1855 (date on cover-t.p., read 14 Mai 1855, Bot. Zeit. 18 Jan 1856), cover-t.p., p. [3]-28, 1 pl. (p.p. col. lith.). **Copies:** B(2), G, HH, L, NY. – Reprinted and to be cited from Monatsber. K. Akad. Wiss., Berlin 1855: 308-333, 1 pl. 1855.
- Ref.:** H.I., Bot. Zeit. 14: 148-149. 29 Feb 1856 (rev.).
Anon., Flora 38: 483-488. 21 Aug and 38: 688. 21 Nov 1855.
- 25.014.** Über Wärmeentwicklung in den Blüten der *Victoria regia*, Lindl. ... Bonplandia 1855. Oct.
Publ.: 15 Jul 1855 (in journal), p. 178-199. **Copies:** HH, U. – Reprinted and to be cited from Bonplandia 3(13/14): 178-199. 1855.
- 25.015.** *Conspectus systematicus Hydrillearum* ... Berlin (Gedruckt in der Druckerei der Königlichen Akademie der Wissenschaften) 1857. Oct.
Publ.: Jan 1857 (date on cover-t.p.; Flora 14 Jul 1857, rd. 28 Jun), cover-t.p., p. [3]-15. **Copies:** B, G. – Reprinted and to be cited from Monatsber. K. Akad. Wiss., Berlin 1857: 39-51. 1857.
- 25.016.** Die Hydrilleen ... Pringsheims Jahrbücher ... 1858. Oct.
Publ.: 1858, in Pringsh. Jahrb. wiss. Bot. 1: 377-513. 1858. – No reprint seen.
- 25.017.** *Aldrovandia* [sic] *vesiculosa* ... Botanische Zeitung 1859-1862. Qu.
Publ.: 1: 1859, in Bot. Zeit. 17: 117-123. 1 Apr, 125-132. 8 Apr, 133-139. 15 Apr, 141-150. 22 Apr, pl. 4-5 (uncol. liths.). 1859.
2: 1862, in id. 20(24): 185-188. 13 Jun, (25): 193-197. 20 Jun, 201-206, pl. 1-7 (uncol. liths.). 27 Jun 1862.
Copy: U.
French version (translated and abbreviated by Éd. Prilleux): *Sur l'Aldrovandia vesiculosa*, extrait du Bull. Soc. bot. France 5(9): 716-723. Apr 1859, reprint p. [1]-8. **Copy:** G.
- 25.018.** Ueber das Vorkommen der *Hydrilla verticillata* Casp. in Preussen, die Blüthe derselben in Preussen und Pommern und das Wachstum ihres Stammes ... Abdruck aus den Verhandlungen der 35. Versammlung deutscher Naturforscher und Aerzte in Königsberg i. Pr. 1860 ... [Königsberg (Gedruckt bei H. Hartung)] 1860. Qu.
Publ.: 1860, p. [293]-310, pl. 4-7 (uncol. liths. auct.). **Copies:** B, G, HH. – Reprinted and to be cited from Verh. deut. Naturf. Aerzte Königsberg i. Pr. 35: 293-310, pl. 4-7. 1860.
- 25.019.** Einige Pelorien (*Orchis latifolia* L., *Columna schiedeana* v. Schlecht., *Digitalis purpurea* L.) ... Schr. Phys. ökon. Ges. Königsberg ... 1860. Qu.
Publ.: 1860, p. [59]-65, pl. 6. **Copy:** B. – Reprinted [or tearsheet?] and to be cited from Schr. Phys. ökon. Ges. Königsberg 1: 59-65, pl. 6. 1860.
- 25.020.** *Bulliarda aquatica* DC. ... Schrift. Phys. ökon. Ges. Königsberg ... 1860. Qu.
Publ.: 1860, p. [66]-91, pl. 7. **Copy:** B. – Reprinted [or tearsheet?] and to be cited from Schr. Phys. ökon. Ges. Königsberg 1: 66-91, pl. 7. 1860.
Ref.: Groenland, J., Bull. Soc. bot. France 8(Bibl.): 312-313. Aug 1861.
- 25.021.** *De Abietinearum Carr. floris feminei structura morphologica*. Dissertatio qua ad audiendam orationem ut locum in Facultate philosophica rite obtineat d. xxii aprilis mdccclxi H. xi habendam invitat ... Regimenti Pr. (Königsberg) [1861]. Qu.
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Ref.: H.W.L., ÖBZ 11: 307-308. 1 Sep 1861 (rev.).
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- 25.022.** Eine *kanadische Pappel vom Blitz getroffen* ... Abdruck aus: Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg in Pr. ... 1861. Qu.
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- 25.023.** *Orobanche Cirsii oleracei* ... Abdruck aus: Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg i. Pr. ... 1861. Qu.
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- 25.024.** *Nuphar luteum* L. var. *rubropetalum* ... Abdruck aus: Schriften der physikalisch-ökonomischen Gesellschaft in Pr. ... 1861. Qu.
 Publ.: 1861, p. 49-50, pl. 2-3. Copies: B, G. – Reprinted and to be cited from Schr. Phys. ökon. Ges. Königsberg 2: 49-50, pl. 2-3. 1861.
- 25.025.** *Vergrünungen der Blüthe des Weissen Klees* ... Abdruck aus: Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg i. Pr. ... 1861. Qu.
 Publ.: 1861, p. 51-72. Copies: B, G. – Reprinted and to be cited from Schr. Phys. ökon. Ges. Königsberg 2: 51-72. 1861.
 Note: The 4 papers above were reprinted in a single set with the identification on p. 72.
- 25.026.** Ueber 2 bis 4 Hüllblätter am Blüthenschaft von *Calla palustris* L. ... [Schrift. Phys. Ökon. Ges. Königsberg ... 1862]. Qu.
 Publ.: 1862, p. [133]-139. Copy: U. – Reprinted and to be cited from Schr. Phys. ökon. Ges. Königsberg 3: 133-139. 1862.
 Second paper in this reprint: Ein Bastard von *Digitalis purpurea* L. und *lutea* L., p. 139-146, pl. 7 (p.p. col. lith.). Copy: U. – Id. 3: 139-146, pl. 7. 1862.
- 25.027.** Ueber die Flora von Preussen ... Königsberg (Druck der Universitäts- Buch- und Steindruckerei von C.J. Dalkowski) [1863]. Qu.
 Publ.: 1863, cover-t.p., p. [166]-226. Copies: B, G, HH. – Reprinted and to be cited from Festgabe für die xxiv. Versammlung deutscher Land- und Forstwirthe zu Königsberg 1863, p. 166-226.
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 Anon., Bull. Soc. bot. France 11(Bibl.): 33-34. Jul 1864.
- 25.028.** *Hydrocharitaceae* ... Separatabdruck aus Schweinfurth's Flora Aethiopiens [Berlin (Druck und Verlag von Georg Reimer) 1867]. Qu.
 Publ.: Mai 1867 (see TL-2/11.459), p. [1-2], pl. 4 (uncol. lith.). Copy: G. – Reprinted and to be cited from G. Schweinfurth, Beitr. Fl. Aethiop. 1867, p. 200-201.
- 25.029.** *Die alte Linde* (*Tilia platyphyllos* Scop.) zu Neuenstadt am Kocher in Württemberg ... [Württemb. naturw. Jahreshfte ... 1868]. Oct.
 Publ.: 1868, p. [193]-207, pl. 1-2 (in journal: 3-4) (uncol. liths.). Copies: HH, L. – Reprinted and to be cited from Württemb. naturwiss. Jahreshfte 24(3): 193-207, pl. 3-4. 1868 ("Jahreshfte des Vereins für vaterländische Naturkunde in Württemberg").
- 25.030.** *Die Nuphar Lappland's* ... (Nicht zum Vortrag gekommen) ... [Bull. Congr. Intern. Bot. St. Petersburg 1869]. Oct.
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- 25.031.** *Die Nuphar der Vogesen und des Schwarzwaldes* ... Halle (Druck und Verlag von H.W. Schmidt) 1870. Qu.
 Publ.: Jan-Apr 1870 (Bot. Zeit. 24 Jun 1870 and 21 Sep 1870, Flora 20 Mai 1870), p. [1]-92, table 1, pl. 1-2 (p.p. col. liths. auct.). Copies: B, G, HH, KNAW, L, NY. – Reprinted and to be cited from Abh. naturf. Ges. Halle 11: 179-270, pl. 1-2. 1870.

- 25.032.** *Orobanche pallidiflora* W. et Gr. ... [Schr. Phys.-ökon. Ges. Königsberg ... 1871]. Qu.
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- 25.033.** Die *Seealgen von Neukuhren* an der samländischen Küste in Preussen nach Hensche's Sammlung ... *Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg* ... 1871. Qu.
Publ.: 1871, p. [138]-146. *Copies*: B, HH, NY. – Reprinted and to be cited from *Schr. Phys. ökon. Ges. Königsberg* 12: 138-146. 1871.
- 25.034.** *Weidebäume durch einen Erdrutsch zerrissen* ... *Schriften der phys.-ökon. Gesellschaft, Königsberg* ... 1873. Qu.
Publ.: 1873, p. [105]-108, unnumb. pl. [*pl. 13*]. *Copies*: HH, L, U. – Reprinted and to be cited from *Schr. Phys. ökon. Ges. Königsberg* 14: 105-108, *pl. 13*. 1873.
- 25.035.** Eine *Wruke* (*Brassica Napus* L.) mit Laubsprossen auf knolligem Wurzelanschlag ... *Schr. Phys. ökon. Ges. Königsberg* ... 1873. Qu.
Publ.: 1873, p. 109-112, *pl. 14 (1-3)* (p.p. col. lith.). *Copies*: HH, L, U. – Reprinted and to be cited from *Schr. Phys. ökon. Ges. Königsberg* 14: 109-112, *pl. 14(1-3)*. 1873.
- 25.036.** Eine *Apfeldolde mit fünf Früchten* ... *Schr. phys.-ökon. Gesellsch., Königsberg* ... 1873. Qu.
Publ.: 1873, p. [113], *pl. 14(4-5)* (p.p. col. lith.). *Copies*: HH, L, U. – Reprinted and to be cited from *Schr. Phys. ökon. Ges. Königsberg* 14: 113, *pl. 14(4-5)*. 1873.
- 25.037.** Eine *vierköpfige Runkelrübe* (*Beta vulgaris* Moq.) ... *Schr. phys.-ökon. Gesellsch., Königsberg* ... 1873. Qu.
Publ.: 1873, p. [114], *pl. 14(6-7)* (p.p. col. lith.). *Copies*: HH, L, U. – Reprinted and to be cited from *Schr. Phys. ökon. Ges. Königsberg* 14: 114, *pl. 14(6-7)*. 1873.
- 25.038.** *Ueber einige Spielarten, die mitten im Verbreitungsgebiet der Stammarten entstanden sind: die Schlangenfichte* (*Picea excelsa* Link var. *virgata*), die *Pyramideneiche* (*Quercus pedunculata* W. var. *fastigiata* Loud. [*Q. fastigiata* Lamarck als Art]) u. Andere ... *Schriften der Physik. Oek. Gesell. zu Königsberg* ... 1873 [i.e. 1874]. Qu.
Publ.: 1874 (journal issue for 1873 publ. 1874; p. 136 dated 7 Apr 1874), p. [115]-136, *pl. 15-16* (uncol. lith. drawings by R. Caspary, C. Mettenius, Hörnigh.). *Copies*: MO, U. – Reprinted and to be cited from *Schr. Phys. ökon. Ges. Königsberg* 14: 115-136, *pl. 15-16*. 1874.
- 25.039.** *Ueber Blüthensprosse auf Blättern* ... [Königsberg ... 1875]. Qu.
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 – No reprint seen.
- 25.040.** *Ueber erbliche Knollen- und Laubsprossenbildung an den Wruken* (*Brassica Napus* L.). 1879. Oct.
Publ.: 1879 (read 23 Nov 1878, journal issue 1879), p. [1]-9. *Copy*: L. – Reprinted and to be cited from *Pringsheim Jahrb. wiss. Bot.* 12: 1-9. 1879.
- 25.041.** *Chroolepus subsimplex* n. sp. ... [Königsberg ... 1879]. Qu.
Publ.: 1879, in *Schr. Phys. ökon. Ges. Königsberg* 19: 152-153. 1879 (fide Tucker 1: 143).
 – No reprint seen.
Ref.: N.L., *Bot. Zeit.* 37: 798. 5 Dec 1879.
- 25.042.** Eine Alströmer'sche Hängefichte, *Pinus viminalis* Alströmer, *Picea excelsa* Link var. *viminalis* Casp. im Gneisenau'er Wäldchen bei Gerdauen ... [Königsberg ... 1879]. Qu.
Publ.: 1879, p. 153-158, in *Schr. Phys. ökon. Ges. Königsberg* 19: 153-158. 1879. *Copy*: HH.
Ref.: N.L., *Bot. Zeit.* 37: 798. 5 Dec 1879.

25.043. *Fossile Pflanzen der blauen Erde* (des Bernsteines, Schwarz- und Braunharzes) ... [Aus den Sitzungsberichten der physik.-ökon. Gesellschaft ... 1881]. Qu.

Publ.: 1881 (read 27 Mai 1881, Bot. Zeit. 31 Mar 1882), p. [22]-31. *Copy*: B. – Reprinted and to be cited from S.B. Phys. ökon. Ges. Königsberg 1881: 22-31.

Ref.: Geyley, Bot. Zeit. 41(2): 31-32. 12 Jan 1883 (rev.).

25.044. Einige in Preussen vorkommende *Spielarten der Kiefer* [*Pinus silvestris* L.] und kegelige Hainbuche [*Carpinus Betulus* L. forma *pyramidalis* Hort.] ... Berlin (Friedländer & Sohn) 1883. Qu.

Publ.: 1883 (Bot. Zeit. 25 Mai 1883, Bot. Centralbl. 30 Apr-4 Mai 1883, Nat. Nov. Apr (2) 1883), p. [1]-7 (reprint issued, n.v.), in Schr. Phys. ökon. Ges. Königsberg 23: 209-215, 1 pl. 1883. – Fide Tucker 1: 143.

25.045. Einige *fossile Hölzer Preussens* nebst kritischen Bemerkungen über die Anatomie des Holzes und die Bezeichnung fossiler Hölzer ... [Königsberg ... 1887]. Qu.

Publ.: 1887 (Bot. Zeit. 29 Jul 1887), p. [1]-19. *Copies*: G, HH. – Reprinted and to be cited from Schr. Phys. ökon. Ges. Königsberg 27: 27-45. 1887.

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25.046. *Trüffeln und trüffelähnliche Pilze in Preussen* ... [Abdruck aus den Schriften der phys.-ökon. Gesellsch. ... 1887]. Qu.

Publ.: 1887 (Bull. Soc. bot. France rd. 22 Jul 1887; Nat. Nov. Jun (1) 1887), p. [1]-30, [31-32], pl. 7-8 (col. liths.). *Copy*: L. – Reprinted and to be cited from Schr. Phys. ökon. Ges. Königsberg 27: 177-208, pl. 7-8. 1887.

25.047. *Einige fossile Hölzer Preussens*. Nach dem handschriftlichen Nachlasse des Verfassers bearbeitet von R. Triebel. Herausgegeben von der Königlich Preussischen Geologischen Landesanstalt ... Berlin (In Commission bei der Simon Schropp'schen Hof-Landkartenhandlung (J.H. Neumann)) 1889. Qu.

Publ.: 1889, p. [i]-viii, [1]-86, [87-88 adv.]. *Copies*: G, U. – Reprinted and to be cited from Abh. geol. Spezialkarte von Preussen und den Thüringischen Staaten 9(2): 113-198. 1889 [numbering also in reprint but as [113]-195, [196], [97]-[98] sic.].

***Cassebeer, Johann Heinrich** (1784-1850), German pharmacist and bryologist, educated by his father, a pharmacist, to become also pharmacist, studied in pharmacies in Mainz, Salzwedel, Berlin, and Gandersheim, in charge of his father's pharmacy in Gelnhausen 1806, sold his pharmacy 1834, settled in Bieber. (*Casseb.*)

HERBARIUM and TYPES: FR, see also TL-2/I: 465 and Margadant (*Early bryol. lit.*) on *Wetterauische Laubmoose* ("Decurie" 1-3, 30 nos.). – Sayre mentioned further material in GOET, H, H-SOL, NY. See also Sayre 1959: 49, 60-61.

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Verdoorn, F., *Ann. Bryol.* 9: 153. 1936 (note on 'die hessischen Moosherbare').

Wagenitz, G., *Index coll. princ. herb. Gotting.* 34-35. 1982.

25.048. *Ueber die leichteste Methode, unmittelbar aus den reifen Moosbüchsen die Conferve darzustellen ...* Isis (Oken) ... 1826. Oct.

Publ.: 1826, in Isis (Oken) 1826(3): 289-293. 1826, see Margadant p. 81, no. 3. – No reprint seen.

***Cassel, Franz Peter** [Francisci Petri] (1784-1821), German botanist born in Köln, studied at the Universities of Göttingen and Paris, teacher at the Gymnasium in Köln, from 1817 professor at the University of Gent, ib. 1818-1819 Rektor, also director of the botanical garden in Gent. (*Cassel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 320 (b. 3 Nov 1784, Köln, d. 8 Jun 1821, Gent); BM 1: 323; GR p. 68; Jackson p. 68; Kew 1: 491; PR 1579-1581, ed. 1: 1726-1728; Rehder 1: 98, 259, 3: 259; TL-2/1: 465-466.

BIOFILE: Anon., Flora 4: 764. 28 Dec 1821 (d.).

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Breure, A.S.H. and J.G. de Bruyn, eds., *Leven & Werken van J.G.S. van Breda* 16, 17. 1979.

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25.050. *Morphonomia botanica, sive observationes circa proportionem et evolutionem partium plantarum ...* Coloniae Aprippinae [Köln, Cologne]. 1820. Oct.

Publ.: 1820 (p. iv signed 30 Mar 1820; Flora 7 Oct 1820), p. [i]-x, [1]-172, pl. 1-8 (uncol.).

Copies: B, BM, HH, NY.

***Castagne, Jean-Louis-Martin** (1785-1858), French botanist and merchant, born at Marseille, went to Constantinople [Istanbul] settled (ca. 1820-1830) with a business house, at first with the help of the French embassy, later idem with the Dutch embassy until 1833, settled at Miramar dedicating himself to botany. (*Castagne*).

HERBARIUM and TYPES: Left his herbarium at August Alphone Derbès at the Faculté des Sciences at Marseille (MARS); present situation unknown to us. – Further material at BR, CN, G, G-DC, H (Steven), M (lich.), P, PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 597; Barnhart 1: 320 (b. 12 Nov 1785, Marseille, d. 16 Mar 1858, Miramar); BL 2: 131, 132; BM 1: 324; CSP 1: 818; De Toni 1: xix; Frank 3(Anh.): 17; Hortus 3: 1190; IH 2: 118; Kew 1: 492; LS 4787, 4788; NAF 7(15): 1055; Plesch p. 172; PR 1584-1586, ed. 1: 1730-1731; Rehder 1: 410, 412, 4: 162; Stevenson p. 1238; TL-2/1: 467-468, see G.N. Robert in vol. 4; Tucker 1: 144.

BIOFILE: Boissier, P.E., Fl. Orient. 1: xv. 1867.

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NOTE: (1) TL-2/1053, *Cat. pl. Marseille* available on microfiche IDC E-594/2.

Castellani, Ettore (1909-?), Italian botanist. (*E. Castell.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 321; Kew 1: 493; Stevenson p. 1238.

25.051. Biblioteca agriaria coloniale ... *Prodromus Mycoflorae Africae orientalis italicae* ... Firenze (Istituto Agricolo Coloniale Italiano) 1937 - XVI. Oct. (*Prodr. Mycofl. Afr. or.*). Co-author: Raffaele Ciferri (1897-1964), see TL-2/1: 503-509. Publ.: 1937 (Nat. Nov. Feb (1,2) 1939), cover-t.p., p. [i]-xxiv, [1]-167. Copy: L.

Castellanos, Alberto (1896-1968), Argentine botanist, born in Cordoba, studied at the University of Buenos Aires, Dr. nat. sci. ib. 1925, collected in South America, Colombia, Canary Islands, N Africa and Europe, in charge of the Herbarium of the University of Buenos Aires from 1924, moved to Brazil 1955, contracted by various Brazilian scientific institutions. (*Castellanos*).

HERBARIUM and TYPES: BA (8100, orig.). - Further material at G, GUA (4000 nos.), HH, LIL, MO, NY, S, SI, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 321; BL 1: 232; Hortus 3: 1190; IH 2: 118, 667; Kew 1: 493-494; Roon p. 25; Zander ed. 10, p. 644, ed. 11, p. 732.

BIOFILE: Anon., Albertoa 1(1): 1-4. 15 Jan 1986 (portr. of C., brief notes). Castellanos, A. and R.A. Perez-Moreau, Lilloa 6: 16, 119, 129, 144. 1941 and 7: 149, 174, 175, 255, 366, 382, 474. 1941. Descole, H.R., Rev. Fac. Ci. Agrar. Univ. Nac. Cuyo 15: 167-168. 1969 (obit.). Frodin, D.G., Guide standard floras world R 38, 211a. 1984. Menendez, C.A., Bol. Soc. Argent. Bot. 13(1): 58-61. 1970 (obit., portr.). Moore, D.M., Fl. Tierra del Fuego 15. 1983 (collections). Prance, G., Acta Amaz. 1(1): 31. 1971 (coll. Braz. Amaz. Jan-Feb 1963). Scheinvar, L., Cactaceas Sucul. Mex. 14(1): 7-10. 1969. Singer, R., Taxon 18(3): 308-309. 1969 (obit.). Strang, H.E., Anais Soc. Brasil 20: 107-116. 1969 (obit., biogr. notes).

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(2) Outside our period: *Cactaceas* (Buenos Aires, Librart) 1972, xxiv, 385 p. - Reprints from various journals.

(3) Outside our period (with R.H. Capurro): *Catalogo de los generos de las plantas vasculares de la Flora argentina. Pteridophyta*, Lilloa 13: 289-309. 1947. Reprint copy (p. [i], 289-309) in U.

25.052. *Bibliografía botánica Argentina* especialmente para los años 1914-1921 (primer suplemento a la obra bibliográfica de F. Kurtz) ... Buenos Aires (Imprenta y casa editora "Coni" ... 1922. Oct.

Co-author: Lucien Hauman (1880-1965), see TL-2/2: 101-102.

Publ.: 30 Jun 1922 (date on cover-t.p.), cover-t.p., p. [i, t.p.], [263]-291. – Reprinted and to be cited from Physis 5: 263-291. 1922.

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25.053. "*Rhipsalis*" *argentinas* (Cactáceas). Trabajo final presentado a la Facultad de ciencias exactas, físicas y naturales de Buenos Aires para optar al título de Doctor en ciencias naturales ... Buenos Aires (Imprenta y Casa editora "Coni") 1925. Oct.

Publ.: 26 Feb 1925 (date on t.p.), cover-t.p., p. [i], [477]-499, [i*], pl. 1-5 (uncol. phot.).

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Publ.: 10 Aug 1928 (date on p. [1]), p. [1]-3. *Copy:* G. – Reprinted and to be cited from Physis 9: 141-143. 1928.

25.059. *Bromeliáceas y Cactáceas de los alrededores de Buenos Aires y de la Isla Martín García ...* Buenos Aires (Imprenta y Casa editora "Coni") 1930. Oct.

Publ.: 12 Jul 1930 (date on cover-t.p.), cover-t.p., p. [i], [85]-98, pl. 1-3 (uncol. draw. and phot.). *Copies:* G, HH, L. – Reprinted and to be cited from Physis 10: 85-98, pl. 1-3. 1930.

25.060. *Cactáceas cultivadas que deben excluirse del catálogo de la flora argentina ...* Buenos Aires (Establecimiento gráfico Tomas Palumbo ...) 1934. Oct.

Co-author: H.V. Lelong.

- Publ.*: 1934, cover-t.p., p. [i, cover-t.p.], 213-222, *pl. 1-2* (uncol. phot.). *Copies*: B, G. – Reprinted and to be cited from *Rev. Argent. Agron* 1(3): 213-222, *pl. 1-2*, 1934.
- 25.061.** *Notas fanerogámicas ... Physis* (Revista de la Sociedad Argentina de Ciencias naturales) ... 1935 [-1946]. Oct.
Publ.: [1]: 2 Feb 1935 (date on p. [1], read 21 Oct 1933), p. [1]-2. *Copies*: B, G, L. – Reprinted and to be cited from *Physis* 11: 494-495, 1935.
 2: 1939, cover-t.p., p. [i, t.p.], [191]-196, *pl. 1-2* (uncol. phot.). *Copies*: B, G, L. – Id. from *Lilloa* 4: 191-196, *pl. 1-2*, 1939.
 3: 1946, cover-t.p., p. [i], [205]-210. *Copies*: G, L. – Id. from *Lilloa* 12: 205-210, 1946.
- 25.062.** *El género de las Asclepiadáceas "Hickenia"*, Lillo ... Buenos Aires (Imprenta y Casa editora "Coni") .. 1937. Oct.
Publ.: 27 Dec 1937 (date stamped in journal), cover-t.p., p. [71]-74, *1 unnumb. lith.* *Copies*: B, G, L, U. – Reprinted and to be cited from *Lilloa* 1: 71-74, 1937.
- 25.063.** *Los géneros de las Cactáceas Argentinas ...* Buenos Aires (Imprenta de la Universidad) 1938. Oct.
Co-author: H.V. Lelong.
Publ.: 25 Apr 1938 (date on cover-t.p.), cover-t.p., p. [i], [383]-419, [420], *pl. 1-10* (uncol. liths.), *11-12* (partly uncol. phot. et liths.). *Copy*: G. – Reprinted and to be cited from *Anal. Mus. Argent. Ci. Nat. "Bernardino Rivadavia"* 39: 383-420, 1938 (Botanica publ. no. 86).
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Publ.: 15 Mai 1938 (date stamped in journal), cover-t.p., p. [i], [5]-11, *1 pl.* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from *Lilloa* 2(1): 5-11, *1 pl.* 1938.
- 25.065.** *Species novae Bromeliacearum in herbario Tucumano servatae ...* Buenos Aires (Imprenta y Casa editora "Coni") ... 1938. Oct.
Publ.: 15 Mai 1938 (date stamped in journal), cover-t.p., p. [i], [13]-15, *pl. 1-2* (uncol. phot. and lith.). *Copies*: B, G, NY. – Reprinted and to be cited from *Lilloa* 2(1): 13-15, *pl. 1-2*, 1938.
- 25.066.** *Algunas observaciones relativas a los bosques antartandicos ...* Buenos Aires (Imprenta y casa editora "Coni") 1938. Oct.
Publ.: 1938, cover-t.p., p. [i, t.p.], [333]-339, *pl. 1* (map), *pl. 2* (uncol. phot.). *Copies*: B, G. – Reprinted and to be cited from *Lilloa* 2(3): 333-339, *pl. 2*, 1938.
- 25.067.** *Los géneros de las Bromeliáceas de la flora Argentina ...* Buenos Aires (Imp. A. Baiocco y Cía.) 1938. Oct.
Publ.: 1938, cover-t.p., frontisp. (col.), p. [1]-22, *pl. 1-14* (uncol. liths.), *1 pl.* (unnumb., col.). *Copies*: B, G, HH, NY. – Reprinted and to be cited from *Revista Centro Estud. Doct. Ci. nat.* 2: 1-22, *16 pl.* 1938.
- 25.068.** *Bromeliáceas nuevas para la flora Paraguaya ...* [Anais da Primeira Reunião Sul-Americana de Botânica] 1938. Oct.
Publ.: Nov-Dec 1938 (read 12-19 Oct 1938), cover (identif.), p. 51-53. *Copy*: G. – Reprinted and to be cited from *Anais Prim. Reun. Sul-Amer. Bot.* 3: 51-53, 1938.
- 25.069.** *Algunos formaciones características de la vegetación Argentina ...* [Anais da Primeira Reunião Sul-Americana de Botânica] 1938. Oct.
Publ.: Nov-Dec 1938 (read 12-19 Oct 1938), cover (identif.), p. [383]-388, [389, err.], *pl. 1-5* (uncol. phot.). *Copy*: G. – Reprinted and to be cited from *Anais Prim. Reun. Sul-Amer. Bot.* 3: 383-389, *pl. 1-5*, 1938.

Castetter, Edward Franklin (1896–1978), American ethnobotanist and collector of plants, professor at the University of New Mexico since 1928, collected mainly in New Mexico. (*Castetter*).

HERBARIUM and TYPES: RM, WYO, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 321 (b. 11 Mar 1891, Pitman, Pa.); BL 1: 164, 198, 199; Ewan ed. 1: 180, ed. 2: 39; IH 2: 119; Kew 1: 494.

BIOFILE: Anon., *Cact. Succ. J. U.S.A.* 50(2): 81. 1978 (notice of death).

Frodin, D.G., *Guide standard floras world* 186, 142a. 1984.

25.070. *Ethnobiological studies in the American Southwest ...* The University of New Mexico Bulletin ... 1935-1941. Oct.

Publ.: 1 (*Uncultivated native plants used as sources of food*): 1935, p. [1]-62. – Issued as The University of New Mexico Bulletin 266, 15 Mai 1935. – See also BL 1: 198.

2 (*The ethnobiology of the Papago Indians*): 1935, p. [1]-84. – Issued as id. 275, 15 Oct 1935. – With Ruth M. Underhill.

3 (*The ethnobiology of the Chiricahua and Mescalero Apache*): 1936, p. [1]-63, [p. 35-63 on plants]. – Issued as id. 297, 15 Nov 1936. – See also BL 1: 164, 199. – With M.E. Opler.

4 (*The aboriginal utilization of the tall Cacti in the American Southwest*): 1936, p. [1]-48. – Issued as id. 307, 1 Jun 1936. – With Willis H. Bell.

5 (*The utilization of Mesquite and Screwbean by the Aborigines in the American Southwest*): 1937, p. [1]-55. – Issued as id. 314, 1 Oct 1937. – With Willis H. Bell.

6 (*The early utilization and the distribution of Agave in the American Southwest*): 1938, p. [1]-92. – Issued as id. 335, 1 Dec 1938. – With Willis H. Bell and Alvin R. Grove.

7 (*The utilization of Yucca, Sotol, and Beargrass by the Aborigines in the American Southwest*): 1941, p. [1]-74. – Issued as id. 372, 1 Dec 1941. – With Willis H. Bell.

Copies: U.

Castillo, Luis (fl. 1908), Chilean botanist. (*L. Castillo*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322 (no further details); BL 1: 246; Kew 1: 494; Tucker 1: 144.

BIOFILE: Castellanos, A. and R.A. Perez-Moreau, *Lilloa* 7: 410. 1941.

25.071. *Jeografía vegetal del Río Valdivia*. I. Sus inmediaciones. 2.a Edición corregida i aumentada ... Santiago de Chile (Impronta Cervantes ...) 1908. Oct. (*Jeogr. vej. Río Valdiv.*). *Co-author*: J. Dey (Barnhart 1: 450).

Publ.: 1908 (p. 120 signed 20 Nov 1907, *Nat. Nov. Jan* (1) 1909), cover-t.p., p. [i, iii], [1]-120. *Copies*: B, HH, NY.

Ed. I.: 1907, published in *Anales Agron. Min. Industr. i Obras Públ.*, Chile 2: 418-506. 1907, “*La jeografía botánica del curso inferior del Río Valdivia*, see BL 1: 246.

Castillon, Léon (fl. 1908–1928), Argentine botanist, sometime Chief of the Botanical Section at the Museo de Historia natural of the Universidad Nacional de Tucumán, Argentina, sometime (\pm 1914) priest of the order of Jesu at Lourdes. (*Castillon*).

HERBARIUM and TYPES: LIL, further material at AMES, HH, MO, NY, SI, TEX, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322; IH 1 (ed. 8): 16, 2: 119; Kew 1: 494.

BIOFILE: Burkart, A., *Darwiniana* 2: 131. 1928 (col. SI).

Fuchs-Eckert, H.P., *Proc. K.N.A.W.* C 85(2): 222. 1982.

25.072. Universidad nacional de Tucumán. Museo de Historia natural. Contribuciones al Conocimiento de las *Juncáceas argentinas* y de las Bromeliáceas argentinas. Una nueva especie de éstas: *Puya volcanensis*, Castillon, sp.n. ... Buenos Aires (Imprenta y Casa editora "Coni" ...) 1926. Oct. (*Juncác. argent.*).
Publ.: 1926 (date on p. 56 signed 23 Jun 1926), cover-t.p., p. [1]-56. *Copies*: BR, G, HH. – Issued as Univ. nac. Tucumán, Museo de Historia natural, Contr. no. 7. 1926.
Ref.: Anon., J. Bot. 66: 96. Mai 1928 (rev.).

25.073. Universidad nacional de Tucumán. Museo de Historia natural. Las *Dioscoreáceas argentinas* ... Buenos Aires (Imprenta y Casa editora "Coni" ...) 1927. Oct. (*Diosc. argent.*).
Publ.: 1927, cover-t.p., p. [1]-41, [43, index]. *Copies*: G, HH. – Issued as Univ. nac. Tucumán, Museo de Historia natural, Contr. no. 11. 1927.
Ref.: Anon., J. Bot. 66: 96. Mai 1928 (rev.).

Castle, Hempstead (1894-x), American botanist (bryologist), born at Springfield, Mass., B.S. Cornell 1921, A.M. 1923, Ph.D. Yale University 1926, Sterling fellow from Yale to Kew Gardens, British Museum, Paris and Geneva 1926-1928, instructor of botany at Yale 1928-1931 (at Osborn Botanical Laboratory), id. assistant professor 1932-1941, associated professor 1941-1962, emeritus professor from 1962. (*H. Castle*).

HERBARIUM and TYPES: YU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322 (b. 1 Dec 1894, Springfield, Mass.); GR p. 258 (b. 1 Dec 1894); Kew 1: 494; SBC p. 117.

BIOFILE: Anon., Amer. men sci. ed. 11: 790. 1965.

Sayre, G., Bryologist 80(3): 506. 1977.

Schuster, R.M., Hep. Anthoc. N. Amer. 26-27. 1966 (bibl. hep.).

25.074. A revision of the species of *Radula* of the United States and Canada ... Reprinted from the Bulletin of the Torrey Botanical Club ... 1925. Oct.
Publ.: 18 Dec 1925 (in journal), p. 409-445. *Copies*: B, FAS(B), G, Gr-V, L. – Reprinted and to be cited from Bull. Torrey bot. Club 52(8): 409-445. 1925.

25.075. A revision of the genus *Radula*. Introduction and *Part I. Subgenus Cladoradula* ... Leiden (Published by the Chronica Botanica Company) 1937 [-1961]. Oct.
Publ.: Jul 1937 (date on cover-t.p., mss. rd. for publication 17 Mai 1936), cover-t.p., p. [13]-56. *Copies*: G, Gr-V, L. – Reprinted and to be cited from Ann. bryol. 9: 13-56. 1937.
Part II (Subgenus Acroradula): Nov 1939 (date on cover-t.p., mss. rd. for publication Nov 1938), cover-t.p., p. [21]-47. *Copies*: B, G, GR-V, L. – Id. 12: 21-47. 1939.
Part II (Section 2, Amentulosae): 12 Feb 1951 (in journal), p. [253]-275. *Copies*: G, Gr-V, L. – Reprinted and to be cited from Bryologist 53(4): 253-275. 1950. – See also Rev. bryol. lichénol., ser. 2. 21(3-4): 291. 1952 (rev.).
Part II (Section 3, Dichotomae): Oct 1959 (in journal), p. 1-52. *Copy*: L. – Reprinted and to be cited from J. Hattori Bot. Lab. 21: 1-52. 1959.
Part II (Section 4, Marginatae): Jan 1960 (in journal), p. 290-296. *Copy*: L. – Reprinted and to be cited from Rev. bryol. lichénol. ser. 2. 28(3-4): 290-296. 1959.
Part II (Section 5, Acutifoliae): Nov 1961 (in journal), p. [21]-54. *Copy*: G. – Id. ser. 2. 30(1-2): 21-54. 1961.

25.076. *Radula Evansii* ... [Annales Bryologici ... 1938]. Oct.

Dedication: Alexander William Evans (1868-1959), see TL-2/1: 806.

Publ.: Feb 1938 (date on cover-t.p.), cover-t.p., p. [37]-39. *Copies*: Gr-V, L. – Reprinted and to be cited from Ann. bryol. 11: 37-39. 1938. – Note (anon.) in Rev. bryol. lichénol. ser. 2. 11(3-4): 187. 1939.

Castle, R. Lewis (1854-1922), English gardener and horticulturist, born at Chelsea (London), worked at Edgeware, later with his father at his nursery at Clapham, Kew gardener 1874-1877, idem sometime at the gardens at Holmbury (Surrey), accepted a position with the Journal of Horticulture for twelve years, later some time at gardens at Tunbridge Wells, from 1894 manager of the Experimental Fruit Farm at Woburn of the Duke of Bedford for some time. (*L. Castle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 60; Desmond p. 122; Kew 1: 494; Rehder 3: 619, 697.

BIOFILE: Anon., Gard. Chron. ser. 3. 72: 276. 1922; J. Kew Guild 1923: 275 (in memoriam, portr.).

25.077. *Cactaceous plants: their history and culture with numerous illustrations ...* London 1884. Oct. (*Cact. pl.*).

Publ.: Dec 1884 (preface signed 10 Nov 1884), p. [i-vi], [1]-93. *Copy*: HH.

Reprint: 1974, p. [i*-ii*]. [i-vi], [1]-93. *Copy*: MO. – Anapolis (The Rumeshald Press) 1974. Oct.

25.078. *Orchids: a review of their structure and history ...* London (Journal of Horticulture Office) [1885]. Oct. (*Orchids*).

Publ.: 1885, p. [1]-59 with text ill. *Copy*: BM. – A second issue, 1886 contained 100 p. (*Bot. Zeit.* 29 Oct 1886), a third issue, 1887 or 1888 contained 124 p. with a frontisp. *Copy*: NY. – A fourth edition of 146 p. is mentioned by *Bot. Zeit.* 47: 706. 25 Oct 1889 (n.v.), a fifth edition of 189 p., issued at Gand (A. Huiste) 1889, french text by A. de Heulenaire (*Nat. Nov.* Jan (1) 1890).

Castle, Thomas (c. 1804- c. 1840), British physician and botanist, Fellow of the Linnean Society 1827, studied at Cambridge, Trinity College 1831-1832, apprenticed to a surgeon at Hyth, studied at Guy's Hospital 1826, resident in Brighton, "styled himself M.D. in 1838" (fide DNB). (*Th. Castle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322; BB p. 61; BJI 2: 214; BM 1: 326; Desmond p. 122; DNB 9: 275; Jackson p. 17, 37, 38, 62, 201; Kew 1: 494; PR 1597-1600, ed. 1: 1746-1749; Rehder 1: 86, 255, 260, 3: 56; SO 836a; Tucker 1: 144.

BIOFILE: Freeman, R.B., *Brit. nat. hist. books 1495-1980*. 81 (no. 657-658). 1980. Johnson, D.E., *Huntia* 6(1): 28 (no. 64). 1985.

NOTES: (1) See (BM 1: 326) B.H. Barton for the *British flora medica* 1837 of B.H. Barton and Th. Castle; new edition edited by J.R. Jackson 1877 (*J. Bot.* 15: 255. 1877).

(2) Not seen by us: *A synopsis of systematic botany*, London 1833, 17 p., 1 pl. (fide Rehder 1: 255).

(3) Id., *The Linnean artificial system of botany*, [3], 30 p., 1 pl., London 1836 (fide Rehder 1: 260).

25.079. *An introduction to systematical and physiological botany.* Comprehending the history, elements, and language of botany; the Linnaean artificial system; the natural systems of Linnaeus and Jussieu; the anatomy and physiology of plants, and the harmonies of vegetation ... London (E. Cox ...) 1829 12-mo. (*Intr. syst. physiol. Bot.*).

Publ.: *Ed. [1]*: 1829, p. [i]-xviii, [1]-285, [i]-xvi, pl. 1-9 (col.). *Copy*: BM.

Ed. [2]: 1830, frontisp. (pl. 1), p. [i]-xviii, [xix], [1]-285, [287-302 index], [1-2 advs.], pl. 2-9, [1-2, advs.], subscribers, [v]-ix. *Copy*: NY.

Ref.: Johnson, D.E., *Huntia* 6(1): 28. 1985.

***Castracane degli Antelminelli, Francesco** (1817-1899), Italian phycologist (diatomist), born at S. Cristoforo di Fano, count and abbot, interested in diatoms from 1865, member of the Accademia pontif. Nuovo Lincei. (*Castracane*).

HERBARIUM and TYPES: AWH, BM, NAP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322 (b. 19 Jul 1817, Fano, d. 27 Mar 1899, Roma); BM 1: 326; Bossert p. 68; Christiansen p. 140 (index); CSP 7: 348, 9: 464, 12: 145, 14: 97; De Toni 1: xix-xxi, 2: xviii-xxii, 4: x; Jackson p. 531 (index); JW 1: 452; Kew 1: 494; Morren ed. 10, p. 81, 83; MW p. 71; NI p. 33; Saccardo 1: 47, 2: 29; TL-2/1: 469; Tucker 1: 144.

BIOFILE: Anon., Nat. Nov. 21: 302. 1899 (d.); Hedwigia 38(3) (Beibl.): (179). 1899 (d.); Bot. Centralbl. 78(7): 128. 1899 (d.); Bot. Not. 1900: 46 (d.).

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De Toni, G.B., Mem. Accad. pont. Nuovi Lincei 16: [32 p.]. 1899; Bot. Gaz. 27(5): 415. 20 Mai 1899 (d.); Nuova Notarisia 10: 143. 1899 (portr.), 11: 3-28. 1900.

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Pirotta, R., Malpighia 13: 88. 1899 (portr.).

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VanLandingham, S.L., Cat. Diat. 4: 2294. 1971, 6: 3514-3515, 4154-4155. 1978.

Wittrock, V.B., Acta Horti Berg. 3(2): 161. 1903, 3(3): 177. 1905.

NOTE: (1) W.B. Hemsley, *Rep. Voy. Challenger, Diatomaceae* 1886-(1887) by F. Castracane, see TL-2/1056 and 2628.

25.080. *Su la moltiplicazione e riproduzione delle Diatomee memoria ...* Estratto dagli Atti dell' Accademia pontificia de' Nuovi Lincei ... 1868. Qu.

Publ.: 1868 (read 19 Apr 1868), p. [1]-15. *Copy*: G. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 21: 147-154. 1868 (fide CSP, discrepancy with reprint).

25.081. *Su la illuminazione monocromatica del microscopio e la fotomicrografia e lora utilità. Nota ...* Roma (Tipografia delle scienze matematiche e fisiche ...) 1871. Qu.

Publ.: 1871 (read 7 Mai 1871), p. [1]-8, *1 pl.* *Copy*: B. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 24: 106-111, *1 pl.* 1871.

Ref.: Anon., Bull. Soc. bot. France 19(Bibl.): 202 (note (1)). Mar 1873.

25.082. *Le Diatomee e la Geologia nelle formazioni marine ...* Atti dell' Accademia pontificia de' Nuovi Lincei ... 1872. Qu.

Publ.: 1872, p. [1]-16. *Copy*: n.v. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 25: 55-67. 1872.

Ref.: Anon., Bull. Soc. bot. France 19(Bibl.): 214-215. 1873.

25.083. *Nuovi argomenti a provare che le diatomee riproduconsi per mezzo di germi. Memoria ...* Roma (Tipografia delle scienze matematiche e fisiche ...) 1876. Qu.

Publ.: 1876 (read 19 Mar 1876), p. [1]-15. *Copy*: G. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 29: 223-235. 1876.

25.084. *Distinzione delle diatomee marine in flora litorale e flora pelagica. Nota ...* Roma (Tipografia delle scienze matematiche e fisiche ...) 1879. Qu.

Publ.: 1879 (read 15 Dec 1878), cover-t.p., p. [1]-12. *Copy*: G. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 32: 36-45. 1879.

- 25.085.** Se e qual valore sia da attribuire nella determinazione delle species al numero delle strie nelle diatomee ... Roma (Tipografia delle scienze matematiche e fisiche ...) 1879. Qu.
Publ.: 1879 (read 26 Mai 1878, Bot. Zeit. 19 Mar 1880), cover-t.p., p. [1]-19. *Copies:* BR, G. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 31: 442-458. 1878 [1879].
Ref.: Anon., J. Bot. ser. 2. 9: 187. Jun 1880 (brief note).
- 25.086.** Osservazioni sui generi *Homoeocladia* e *Schizonema*. Nota ... Roma (Tipografia delle scienze matematiche e fisiche ...) 1880. Qu.
Publ.: 1880 (read 23 Mai 1880), cover-t.p., p. [1]-10. *Copy:* B. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 33: 337-344. 1880.
- 25.087.** Studio su le *Diatomee del Lago di Como*. Nota ... Roma (Tipografia delle scienze matematiche e fisiche ...) 1883. Qu.
Publ.: 1883 (read 21 Mai 1882), cover-t.p., p. [1, t.p.]-13, pl. 6 (uncol.). *Copies:* B, BR. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 35: 119-129, pl. 6. 1883 (“1882”).
- 25.088.** Origine dei depositi marini di *Diatomee* ed esistenza probabile di speciale flora lacustro-vagante delle medesime ... Roma (Tipografia delle scienze matematiche e fisiche ...) 1883. Qu.
Publ.: 1883 (read 31 Dec 1882), cover-t.p., p. [1]-7. *Copies:* B, BR. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 36: 17-21. 1883.
- 25.089.** Profondità cui giunge la vita delle *diatomee nel mare*. Nota ... Roma (Tipografia delle scienze matematiche e fisiche ...) 1884. Qu.
Publ.: 1884 (read 16 Dec 1883), cover-t.p., p. [1]-9. *Copies:* BR, G. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 37: 195-200. 1884 (“1883”).
- 25.090.** *Nuove osservazioni* sulla profondità cui giunge la *vegetazione delle Diatomee nel Mare* ... Roma (Tipografia della Pace di Filippo Cuggiani ...) 1885 [sic]. Oct. (*Nuove osserv. Diat. Mare*).
Publ.: 1885, cover-t.p., p. [i], [1]-18. *Copy:* BR. – Reprinted from Mem. pontif. Accad. Nuovi Lincei 1: 229-246. 1887 [sic].
- 25.091.** *Le raccolte di Diatomee pelagiche del Challenger* ... (Atti Accad. pont. Nuovi Lincei) Roma 1887. Qu.
Publ.: 1887, p. [1]-11. *Copy:* n.v. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 39: 231-239. 1887 (“1886”).
- 25.092.** Contribuzione alla *Flora Diatomacea Africana*. *Diatomee dell' Ogóne* riportate dal Conte Giacomo Brazza ... Roma (Tipografia delle Scienze matematiche e fisiche Via Tata, N.º 3) 1887. Qu.
Collector: J. de Brazza (1859-1887), see IH 2: 94.
Publ.: 1887 (read 20 Mar 1887), cover-t.p., p. [1]-8. *Copy:* BR. – Reprinted and to be cited from Atti Accad. pontif. Nuovi Lincei 40: 127-132. 1887.
- 25.093.** Nota per lo studio biologico delle *Diatomee* ... La Nuova Notarisia ... Padova (Tip. del Seminario) 1892. Oct.
Publ.: 20 Jul 1892 (date on cover-t.p.) cover-t.p., p. 3-8. *Copy:* BR. – Reprinted and to be cited from Nuova Notarisia 3: 146-151. 1892.
- 25.094.** *La riproduzione delle Diatomee* ... Roma (Tipografia della Pace di Filippo Cuggiani ...) 1892. Qu.
Publ.: 1892, cover-t.p., p. [1]-31. *Copy:* BR. – Reprinted and to be cited from Mem. pontif. Accad. Nuovi Lincei 8: 211-239. 1892.

25.095. *I Processi di riproduzione e quello di moltiplicazione in tre tipi di Diatomee ...* Roma (Tipografia della pace di Filippo Cuggiani ...) 1896 [sic]. Qu.

Publ.: 1896, cover-t.p., p. [3]-22, *pl. 10-11* (uncol. liths.). *Copy*: BR. – Reprinted and to be cited from *Mem. pontif. Nuovi Lincei* 11: 253-270. 1895 [sic].

Catalano, Giuseppe (1888-x), Italian botanist (morphology, physiology), director of the botanical institute and botanical garden of the agricultural faculty at Portici (Naples), chief interest in the morphology of leaves. (*Catal.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322; Kew 1: 495; LS suppl. 311.

25.096. *Xanthorrhoea Preissii* var. *undulatifolia* Cat. sviluppo e fruttificazione ... Palermo (Tipografia nazionale ...) 1932. Oct.

Publ.: Oct 1932 (in journal), cover-t.p., p. [1]-24. *Copy*: BR. – Reprinted and to be cited from *Lavori R. Ist. Bot. Palermo* 3: 95-116. 1932.

Catcheside, David Guthrie (1907-x), British botanist, studied at the University of London, B.Sc. 1928, M.Sc. 1930, sometime professor of genetics in Adelaide, Australia, later professor in Birmingham, England. (*Catcheside*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322; Kew 1: 495.

BIOFILE: Anon., *Plant Sci. Bull.* 7(4): 3. 1961.

25.097. *Chromosome linkage and syndesis in Oenothera ...* Edinburgh (published by Robert Grant & Son, ...) 1930. Qu.

Publ.: 1930, cover-t.p., p. [467]-484, *pl. 1-3* (uncol.). *Copy*: B. – Reprinted and to be cited from *Trans. roy. Soc. Edinburgh* 56(2) (no. 19): 467-484, *pl. 1-3*. 1930.

25.098. *X-Ray treatment of Oenothera chromosomes ...* Reprinted from *Genetica ...* The Hague [’s Gravenhage] (Martinus Nijhoff) 1935. Oct.

Publ.: 1935, cover-t.p., p. [313]-341. *Copy*: L. – Reprinted and to be cited from *Genetica* 17(3/4): 313-341. 1935.

25.099. *Secondary pairing in Brassica oleracea ...* Reprinted from *Cytologia ...* 1937. Oct.

Publ.: 10 Jun 1937 (date on cover-t.p.), cover-t.p., p. 366-378. *Copy*: L. – Reprinted and to be cited from *Cytologia, Int. J. Cytology, Fujii Jubilee Volume*: 366-378. 1937.

25.100. *The extra chromosome of Oenothera Lamarckiana lata ...* Reprinted from *Genetics ...* 1937. Oct.

Publ.: Nov 1937 (date on cover-t.p.), cover-t.p. (on recto of p. 564), p. [564]-576. *Copy*: L. – Reprinted and to be cited from *Genetics* 22: 564-576. 1937.

Cathcart, Alan Frederick, 3rd Earl Cathcart (1828-1905), British agriculturist born at Hythe, Kent, d. 30 Oct 1905, London, LLD Cambridge. (*Cathcart*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 322 (b. 15 Nov 1828, Hythe, Kent, d. 30 Oct 1905, London).

25.101. *On the cultivated potato ...* London (printed by William Clowes and Sons, ...) 1884. Oct.

Publ.: 1884, p. [1]-37, [39, printer’s mark]. *Copy*: G. – Reprinted and to be cited from *J. roy. Agric. Soc. England* 20(1): 266-304. 1884.

Catlow, Agnes (1807[?]-1889), British botanist and entomologist, died Addlestone, Surrey 10 Mai 1889. (*Catlow*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 323 (d. 10 Mai 1889, Addlestone, Surrey); BB p. 61; BM 1: 327; Desmond p. 123; Jackson p. 42, 235, 531; Kew 1: 496; PR 1604-1605; Rehder 5(index): 165; Tucker 1: 146.

BIOFILE: Freeman, R.B., Brit. nat. hist. books 1495-1900: 82-83. 1980.

25.102. *Popular field botany*: containing a familiar and technical description of the plants most common to the various localities of the British Isles, adapted to the study of either the artificial or natural systems ... London (printed and published by Reeve and Co. ...) 1848. Oct. (*Pop. field bot.*).

Publ.: 1848 (Bot. Zeit. 16 Jun 1848, brief note), p. [i]-xxxii, [1]-380, 20 col. pl. *Copy*: BM. *Ed. 2*: 1849, p. [i]-xxxii, [1]-384, [1]-8 advs., 20 col. pl. *Copy*: NY.

Ed. 3: 1852, frontisp. (pl. 16), p. [i]-x, [1]-409, pl. 1-15, 17-20 (col. liths.). *Copies*: HH, L, MO, NY.

Ed. 4: 1860, p. [i]-xx, [1]-409, pl. 1-20 (n.v.). – See Rehder 1: 533.

25.103. *Popular garden botany*: containing a familiar and scientific description of most of the hardy and half-hardy plants introduced into the flower garden ... London (Lovell Reeve, ...) 1855. Oct. (*Pop. gard. bot.*).

Publ.: Dec 1855 (date on t.p., p. x: 26 Nov 1855), p. [i]-xii, [1]-320, pl. 1-20 (col.). *Copy*: MO.

25.104. *Popular greenhouse botany*: containing a familiar and technical description of a selection of the exotic plants introduced into the greenhouses ... London (Lovell Reeve, ...) 1857. Oct. (*Pop. greenh. bot.*).

Publ.: 1857, p. [i]-xii, [1]-311, [312, imprint], pl. 1-20. *Copies*: HH, MO.

Cattaneo, Antonio (1786-1845), Italian botanist, born at Milano, had a botanical garden in Novara, died in Milano. (*Cattaneo*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 323 (b. 1 Jan 1786, Milano, d. 2 Mar 1845, ib.); Jackson p. 435; PR 1607, ed. 1: 1756; Rehder 1: 62; Saccardo 1: 47.

25.105. *Catalogo delle piante piu interessanti del giardino Cattaneo per l'anno 1812 ... Novara (nella Tipografia Rasarro) [1812]. Oct. (Cat. giard. Cattaneo).*

Publ.: Jul 1812 (date mentioned on p. 6: 5 Jun 1812), p. [1]-29. *Copy*: G.

Cattley, William (1788-1835), British (very rich) businessman and horticulturist at Barnet nr. London, enthusiastic collector of orchids and tropical plants, patron of John Lindley, member of the Royal Horticultural Society and the Linnean Society, had a rich collection of drawings of plants, died 8 Aug 1835. (*W. Cattley*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 912; Backer p. 109-110; Barnhart 1: 323; BB p. 61; Bret. p. 187, 255; Frank 3(Anh.): 17; Kew 1: 496; NI p. 33 and see Ch.H.B. Ker; Tucker 1: 146.

BIOFILE: Allan, M., The Hookers of Kew 74. 1967.

Anon., Flora 5(3): 497-509. 28 Aug 1822 (use of icones of C.); J. Bot. 1893: 281.

Botting Hemsley, W., Gard. Chron ser. 3. 23: 93. 12 Feb 1898 ("died in 1842" sic).

Fletcher, H.R., Story Roy. Hort. Soc. 1804-1968: 71. 1969.

Hetherington, E., The life and times of William Cattley, Amer. Orch. Soc. Bull. 61(12): 1228-1241. 1992 (portr.).

Ker, C.H.B., see TL-2/3583.

Lindley, J., *Digitalium monographia*, see TL-2/3: 4638.

COMPOSITE WORKS: (1) C.H.B. Ker, *Icon. indo-asiat. pl. Cattley*, London 1818, Fol., see TL-2/2: no. 3583.

EPONYMY: *Cattleya* (Orchid.), named by J. Lindley, see ING 1: 305. 1979.

25.106. *Icones plantarum spontè Chinâ nascentium; è bibliothecâ Braamianâ excerptae ...* London (J.H. Bohte, ...) 1821. Fol. (*Icon. pl. Chinâ*).

Publ.: 1821, col. frontisp., p. [i, iii], *pl. 1-30* (col. copper engr.). *Copy*: G.

Note: Original publication was C.H.B. Ker, *Icon. indo-asiat. pl. Cattley* 1818, TL-2/3583.

Caum, Edward [Leonard] (1893-x), American botanist, born at Philadelphia, Pa., A.B. Swarthmore College 1914, A.M. 1924, assistant pathologist at the Experiment Station Hawaiian Sugar Planters', Honolulu 1916-1922, assistant plant inspector Territorial Board Agriculture and Forestry 1922-1926, associate botanist at the Experiment Station Honolulu from 1826, B.P. Bishop Museum Honolulu from 1923. (*Caum*).

HERBARIUM and TYPES: BISH (Tanager Exp. 1923).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 323 (b. 3 Apr 1893, Philadelphia, Pa.); BL 1: 111, 289; IH 2: 119; Kew 1: 497; LS suppl. 4702.

BIOFILE: Anon., Amer. men sci. ed. 8: 495. 1949.

Frodin, D.G., Guide standard floras world nos. 995, 532a. 1984.

Merrill, E.D., B.P. Bishop Mus. Bull. 144: 62-63. 1937.

25.107. *A new weed ...* Hawaiian Pl. Rec. ... 1918. Oct.

Publ.: 1918, in Hawaiian Pl. Rec. 19: 347-349. 1918. – No reprint seen.

25.108. *New Hawaiian plants ...* Occ. Pap. Bishop Mus. ... 1930. Oct. (*New Hawai. pl.*).

Publ.: 1930, p. [1]-30, *pl. 1-15*. *Copies*: G, HH. – Issued as B.P. Bishop Mus. Occ. Pap. 9(5). 1930.

25.109. *Notes on the flora and fauna of Lehua and Kaula Islands ...* Honolulu, Hawaii (Published by the [B.P. Bishop] Museum) 1936. Oct. (*Not. fl. Lehua*).

Publ.: 7 Apr 1936 (date on cover-t.p.), p. [i, cover-t.p.], [1]-17. *Copies*: G, L. – Issued as B.P. Bishop Mus. Occas. Pap. 11(21). 1936.

25.110. *A new species of Schiedea ...* Bishop Mus. Occ. Pap. ... 1936. Oct. (*New Schiedea*).

Co-author: Edward Yataro Hosaka (1907-1961), some time curator at the Bishop Museum.

Publ.: 10 Apr 1936 (date on cover-t.p.), cover-t.p. (= [1]), p. [3]-5. *Copy*: L. – Issued as B.P. Bishop Museum, Occ. Pap. 11(23). 1936.

Caussin, Octave Arthur (1862-1913), French botanist, studied at the Pensionat Gouge de Framerville l'École de Médecine d'Amiens, practicing physician at Rosières près de Proyart, Somme, from 1901 again at Proyart. (*Caussin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 323 (d. 1913); BL 2: 191, 205, 638; GR p. 311; Tucker 1: 146.

BIOFILE: Anon., Bull. Soc. bot. France 60: 297. Sep 1913 (d.).

Dörfner, I., Botaniker-Adressbuch ed. 3. 99. 1909 (physician and botanist).

25.III. *Flore topographique* du territoire de *Proyart* ... Rasières 1905. 12-mo. (*Fl. topogr. Proyart*).

Publ.: 1905 (Bot. Centralbl. 24 Oct 1905, Nat. Nov. Sep (1) 1905), p. [i]-xi, [1]-35. *Copy*: n.v., fide BL 2: 205.

25.II2. *Flore du canton de Chaulnes* ... Amiens 1906. Oct. (*Fl. Chaulnes*).

Publ.: 1906 (Bot. Centralbl. 28 Aug 1906, Nat. Nov. Jul (2) 1906), p. [i]-xiv, [1]-38. *Copy*: Lloyd Libr.

25.II3. *Flore descriptive du littoral Picard* ... Paris 1907. Oct. (*Fl. Picard*).

Publ.: 1907 (Bull. Soc. bot. France 14 Aug 1907), p. [i], [1]-110. *Copy*: Lloyd Libr.

Ref.: Gadeceau, E., Bull. Soc. bot. France 54(6) (Bibl.): 488-489. 14 Aug 1907.

25.II4. *Les plantes médicinales de la Picardie* ... Paris (Vigot Frères, Éditeurs ...) 1907. Oct. (*Pl. médic. Picardie*).

Publ.: 1907, cover-t.p., p. [i-iii], [1]-346. *Copies*: BR, HH.

25.II5. *Rudiments de Cryptogamie* accompagnés de la Flore des Cryptogames de Proyart ... Lille (Imprimerie & Librairie Camille Robbe. Éditeur ...) 1909. Oct. (*Rudim. Cryptogam.*).

Publ.: 1909, cover-t.p., p. [1]-126, [127]. *Copy*: B.

25.II6. *Flore des tourbières* du Departement de la Somme ... Mayenne ... 1912. Oct. (*Fl. tourb. Somme*).

Publ.: 1912 (Nat. Nov. Feb (1) 1913), p. [1]-307, 1 pl. *Copy*: n.v., fide Bot. Centralbl. 124(6): 92. 22 Apr 1913.

Cauvet, [Philippe Émilien Luc] Désiré (1829-1890), French pharmacist and army physician, studied at the École supérieure de pharmacie de Paris, thèse Paris 1864, Dr. Sci. nat, "répétiteur" à l'École de Santé militaire de Strasbourg, pharmacien en chef at the military hospital at Bougie, Algérie, ultimately professor at the Faculté de médecine de Lyon 1877-1890. (*Cauvet*).

HERBARIUM and TYPES: P (or LY?), W (406).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 324 (b. 16 Oct 1829, Agde, d. 23 Jan 1890, Lyon); BM 1: 328; Jackson p. 55, 58; Kew 1: 497; Moebius p. 416; Morren ed. 10, p. 64; PR 1610-1612.

BIOFILE: Anon., Bull. Soc. bot. France 24(Bibl.): 46. 1877 (moved to Lyon as professor of natural history at the École secondaire de médecine de Lyon), 38(1): 23. 1891 (d.).

Cosson, E., Comp. fl. atl. xli. 1887.

Magnin, A., Bull. Soc. bot. Lyon 32: 54, 62, 136. 1907.

25.II7. *Études sur le rôle des racines dans l'absorption* et l'excrétion. Thèse. ... Strasbourg ... 1868. Qu. (*Étud. racin. absorp.*).

Publ.: 1861, p. [i-iv], [1]-14. *Copy*: HH (fide Tucker).

25.II8. *Des Solanées*. Thèse présentée au concours d'agrégation (Section d'histoire naturelle) et soutenue à l'école supérieure de pharmacie de Paris ... Strasbourg (Typographie de G. Silbermann, ...) 1864. Qu. (*Solanées*).

Publ.: 1864, p. [i-iv], [1]-152, pl. 1-6 (uncol. liths.). *Copies*: B, BR, G, L.

Ref.: Anon., Bull. Soc. bot. France 11: 276-277. Dec 1864 (rev.).

25.II9. *Nouveaux éléments d'histoire naturelle médicale* comprenant des notions générales sur la Zoologie, la Botanique et la Minéralogie, l'histoire et les propriétés des animaux et des végétaux utiles ou nuisibles à l'homme, soit par eux-mêmes, soit par leur produits ... Tome

second [Volume 2] ... Paris (J.B. Baillièrre et Fils ...) (Londres ... Madrid ... New York ...) 1869. Oct. (*Nouv. élém. hist. nat. méd.*).

Publ.: 1869, p. [i-iii], [1]-770, [771-772]. *Copy*: BR. – The p. 619-694 are on mineralogy, 695-end are indexes.

Notes: (1) A second edition was issued 1877 (n.v.), a third edition in 1885 (n.v.).

(2) Tome premier [Volume 1] is dealing with zoology.

25.120. Cours élémentaire de botanique I. *Anatomie et physiologie végétales*, paléontologie végétale, géographie botanique ... Paris (Librairie J.B. Baillièrre et Fils ...) 1885 Oct. (*Anat. Phys. vég.*).

Publ.: 1885 (p. viii signed 20 Jul 1884), p. [i]-viii, [1]-315. *Copy*: BR.

Notes: (1) A second edition was issued in 1895. *Copy*: BR.

(2) This book (first and second edition) was also issued combined with the following publication.

25.121. Cours élémentaire de botanique II. *Les familles des plantes* ... Paris (Librairie J.B. Baillièrre et Fils ...) 1885. Oct. (*Fam. pl.*).

Publ.: 1885, p. [i-iii], [1]-468. *Copies*: BR(2).

Note: This book was also issued combined with the foregoing publication.

***Cavanilles, Antonio José** (1745-1804), Spanish clergyman and botanist, educated with the Jesuits at the Valencia Gymnasium and the University of Valencia, studying philosophy and related sciences, tutor to the son of the Duque del Infantada, with his pupil to Paris 1777-1781, studying with Thouin at the Paris botanical garden, subsequently with de Jussieu from 1779 and later also with Desfontaines, returned to Madrid 1789, worked in the Madrid botanical garden, joined with the Malaspina expedition, from 1801 in charge of the Madrid botanical garden. (*Cav.*).

HERBARIUM and TYPES: MA (see also TL-2/1: 471), other material from the Madrid Garden: BM (in herb. Banks and Lambert), C, G, H (herb. Steven, "Pelargonium"), LD, LINN, P, P-JU, P-LA, MO, UPS.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 272, 7: 70; Backer p. 110; Barnhart 1: 324 (b. 16 Jan 1745, Valencia, d. 4 Mai 1804, Madrid); BM 1: 329, 6: 191; Bossert p. 69; Colmeiro 847; Colmeiro penins. p. 119, 173-175; CSP 1: 845-846; Dawson p. 206-207; Dryander 3: 38, 228, 599; DU nos. 74, 75; Frank 3(Anhh.): 17; GR p. 53; Hegi 1: 247; Hortus 3: 1190; HR; IF p. 685; IH 1 (ed. 6): 357, 2: 119; Jackson p. 132, 339; Kew 1: 498; Langman p. 194-195; Lasègue p. 564 (index); MW p. 71; NAF 28B(2): 223, ser. 2(2): 153-154; NI 340-341; PR 907, 1614-1619, 5604, 7895, 7900, ed. 1: 1762-1769; Quenstedt p. 77; Rehder 5(index): 165-166; RS p. 78; SK 4: xcvi; TL-1: 79-80; TL-2/1: 471-474, and see indexes; Tucker 1: 146; Zander ed. 10, p. 644, ed. 11, p. 732.

BIOFILE: Anon., Bot. Zeit. Regensburg 3(12): 191. 1804; Dict. Sci. nat. 61: 95-96. 1845; Anal. Jard. Bot. Madrid 6(1): i-xv. 1945 (1946) (Crónica de los actos celebrados en honor del insigne botánico Antonio José Cavanilles ...); El Español 119. 3 Feb 1945 (portr., death date given as 10 Mai 1804); Monthly Notes Roy. Bot. Gard. Edinburgh 1968: 6-7. Jun 1968.

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NOTE: (1) TL-2/1064, *Descripción de las plantas* 1801-1802, has been republished with as date at Madrid 1827, p. [i]-cxxxvi, [1]-625. Copy: HH. – See Tucker, *Cat. Arnold Arb.* 1: 146. 1914.

25.122. Extrait des ouvrages de M. L'Abbé Cavanilles, de la Société Royale Bascongade, & correspondant de celle d'agriculture de Paris: contenant *neuf genres nouveaux* de la famille des *Malvacées*, & un dixième de celle des *Solanées* ... Extrait du Journal de Physique ... 1787. Oct. Publ.: Feb 1787 (in journal), p. [1]-11. Copy: L. – Reprinted and to be cited from *Observ. Phys. hist. nat. arts (J. de physique)* 30: 147-156. 1787.

25.123. *Carta* de D. Antonio Cavanilles en respuesta á la que se insertó en la segunda parte del memorial literario del mes de Septiembre de 1788, donde se hace crítica de sus disertaciones botánicas por uno que se titula vecino de Lima ... [Madrid 1789]. Duod. (*Carta A. Cavanilles*). Publ.: 1789, p. [1]-15. – n.v., fide PR 1615.

25.124. Descripción de *cinco géneros nuevos* y de otras plantas ... *Anal. Hist. nat. Madrid* ... 1799. Oct. Publ.: 1799, in *Anal. Hist. nat. Madrid* 1: 33-45, pl. 1-5. 1799. – n.v., fide Rehder 1: 264.

25.125. Descripción de los géneros *Goodenia* y *Scaevola*, del *Arundo australis*, y de diez especies del género *Acrostichum* ... *Anal. Hist. nat. Madrid* ... 1799. Oct. Publ.: 1799, in *Anal. Hist. nat. Madrid* 1: 89-107. 1799, fide E.D. Merrill, *Enum. Philipp. pl.* 5(2): 172. 20 Jul 1926. – No reprint seen.

25.126. *Observaciones sobre el suelo, naturales y plantas del puerto Jackson* y Bahía-Botánica ... *Anal. Hist. nat. Madrid* ... 1800. Oct. Publ.: 1800, in *Anal. Hist. nat. Madrid* 1(3): 181-245. 1800. – No reprint seen. Ref.: George, A.S., *Fl. Australia* 1: 16. 1981.

25.127. *Materiales para la historia de la botanica* ... *Anal. Hist. nat. Madrid* ... 1800. Oct. Publ.: Jun 1800 (in journal), in *Anal. Hist. nat. Madrid* 2: 3-57. 1800, n.v., copy in Hunt Institute. – See D.E. Johnson, *Huntia* 6(1): 28. 1985 (no. 65).

25.128. Descripción del género *Bonplandia* y de otras plantas ... *Anal. Hist. nat. Madrid* ... 1800. Oct. Publ.: 1800, in *Anal. Hist. nat. Madrid* 2: 131-142. 1800, n.v., fide E.D. Merrill, *Enum. Philipp. pl.* 5(2): 172. 20 Jul 1926. – *Bonplandia*, see ING 1: 219. 1979.

25.129. Del género *Ugena* ... *Anal. Cienc. nat. Madrid* ... 1801. Oct. (*Ugena*). Publ.: 1801, in *Anal. Cienc. nat. Madrid* 4: 249-256, pl. 37. 1801, n.v., fide E.D. Merrill, *B.P. Bishop Mus. Bull.* 144: 63. 1937.

25.130. *Observaciones botánicas* y descripción de algunas plantas nuevas ... *Anal. Cienc. nat. Madrid* ... 1803. Oct. Publ.: 1803, in *Anal. Cienc. nat. Madrid* 6: 323-340. 1803, n.v., fide Rehder 1: 265.

*Cavara, Fridiano (1857-1929), Italian botanist, studied at the University of Pavia, habil. bot. 1894, private teacher at the University of Pavia 1894-1896, called to the Forestry Academy of Vallombrosa 1896, extra-ordinary professor at Cagliari, Sardinia, 1900-1902, director of the Hortus botanicus and professor at the University of Catania, Sicily 1902, ordinary professor ib. 1903-1906, id. at Napoli 1906-1929. (*Cavara*).

HERBARIUM and TYPES: NAP, further material at B, BM, BUC, CGE, G, GB, GE, HH, IBT, K, L, LE, MICH, MOD, NY, PAD, PAV, PC, POR, PRE, S, TLA, TO. – *Exsiccati: Fungi Longobardiae exsiccati*, see TL-2/1: 474.

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Cave, George H. (c. 1870-1965), British gardener, Kew gardener 1894, assistant at the Botanic Gardens Calcutta 1896, at the Government Cinchona Plantations, Mungpoo 1900, Lloyd Botanic Garden, Darjeeling, 1904, collected in Tibet, Nepal and Sikkim. (*G. Cave*).

HERBARIUM and TYPES: BM, CAL, DBN, E, HH, K, MO.

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Cave, Marion Elizabeth (born Stilwell) (1904-x), American plant cytologist, embryologist and geneticist, born at Rochester, N.Y., married 21 Mai 1928, San José, California, Roy Clinton Cave, studied at the University of Colorado (AB 1924, AM 1925) and University of California, Ph.D. 1936 at Berkeley, research associated botanist 1936-1943, idem cytologist 1946-1947, 1950-1951, Guggenheim 1953. (*Cave*).

HERBARIUM and TYPES: Unknown.

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Cavers, Francis (1876-1936), British biologist, born at Hawick, Roxburgh, with A.R.C.S. (Bot.) 1897-1900, B.Sc. 1901, Dr. Sci. University of London 1904, demonstrator at Owens College, Manchester 1900-1901, lecturer in biology Leeds 1901-1903, lecturer in biology, Plymouth Technical College 1903-1904, professor of botany at Southampton 1904-1911, reader in botany Goldsmith College, London 1911-1915, in medical practice, Highbury 1918-1925. (*Cavers*).

HERBARIUM and TYPES: None known, LDS(?).

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 324 (b. 5 Sep 1876, d. 26 Mai 1936); *BJI* 2: 26; *BM* 6: 191; *Dawson* p. 124 (b. Hawick, Roxburgh, 5 Sep 1876, d. 26 Mai 1936); *GR* p. 393; *Kew* 1: 499; *LS* 4890, 31.942-31.944; *LS* suppl. 4725-4731; *SBC* p. 117.

BIOFILE: Anon., *Chron. bot.* 3: 154. 1937 (portr.).

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Publ.: Mai-Jun 1903 (date on cover-t.p.), cover-t.p., p. [1]-15. *Copy:* NY. – Reprinted and to be cited from *The Naturalist [London]* 1903 (n.v.).

- 25.173.** On *asexual reproduction* and regeneration in *Hepaticae* ... New Phytologist 1903. Oct. Publ.: Jun-Jul 1903 (in journal), cover-t.p., title recto of p. [1], p. [1]-24. Copy: NY. – Reprinted and to be cited from New Phytologist 2(6): 121-133. Jun, 2(7): 155-166. Jul 1903. Ref.: Anon., Rev. bryol. 30(6): 108. 1903.
- 25.174.** Notes on *Yorkshire Bryophytes I-IV* ... Reprinted from The Naturalist [1903-1907]. Oct. Publ.: 1 (*Petalophyllum ralfsii*): 1 Sep 1903 (date on cover-t.p.), cover-t.p., p. 327-334. Copy: NY. – Reprinted and to be cited from The Naturalist [London] 1903: 327-334. Ref.: Anon., Rev. bryol. 30(6): 110. 1903.
- 2 (*Pallavicinia flotowiana*): Nov-Dec 1903 (date on cover-t.p.), cover-t.p., p. [1]-8, pl. 16 (uncol. lith.). Copies: B, NY. – Id. 1903: 441-444. Nov, 451-455. Dec 1903. Ref.: Anon., Rev. bryol. 31(2): 50. 1904.
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- 4 (*Fruillania* and *Jubula*): Jan-Feb 1907, in id. 1907: 11-16. Jan, 46-49, pl. 4. Feb (n.v.). Ref.: Anon., Hedwigia 47(1) (Beibl.): (54). Sep 1907.
- 25.175.** A new species of *Riella* (*R. capensis*) from South Africa ... Revue Bryologique ... 1903. Oct. Publ.: Sep-Oct 1903 (in journal), p. [81]-84, pl. 1 (uncol. lith.). Copy: NY. – Reprinted and to be cited from Rev. bryol. 30(5): 81-84. 1903.
- 25.176.** On the *structure and biology of Fegatella conica* ... Annals of Botany ... 1904. Oct. Publ.: Jan 1904 (in journal), p. [87]-120, pl. 6-7. Copy: B. – Reprinted and to be cited from Ann. Bot. 18(69): 87-120, pl. 6-7. 1904.
- 25.177.** Contributions to the *biology of the Hepaticae*. Part I. – Targionia, Reboulia, Preissia, Monoclea ... Leeds & London (Chorley & Pickersgill, The Electric Press) 1904. Oct. (*Biol. Hepatic.*). Publ.: Mar 1904 (on cover-t.p., Hedwigia 44(2) (Beibl.): (81). 13 Mar 1905, Nat. Nov. Sep (1/2) 1904, Bot. Centralbl. 4 Oct 1904), cover-t.p., p. [1]-47, [48, impr.]. Copies: B, NY. – See BM 6: 191; independent brochure, privately printed (on cover). Ref.: Anon., Rev. bryol. 31(3): 66. 1904 (note). Anon., J. Bot. 42: 216. Jul 1904 (rev.).
- 25.178.** The *inter-relationship of the Bryophyta* ... (New Phytologist) Cambridge 1910-1911. Oct. Publ.: 1910-1911, in New Phytologist as separate articles.
- 1: *Sphaerocarpaceae*, New Phytologist 9(3-4): 81-92. 28 Apr 1910.
- 2: *Marchantiales*, id. 9(3-4): 93-112. 28 Apr, 9(5): 157-186. ? (no exact date given) Mai, 9(6-7): 193-196. 6 Aug 1910.
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- 5: *Anthocerotales*, id. 9(10): 341-353. 30 Dec 1910.
- 6: *Sphagnales*, id. 10(1-2): 1-21. 13 Mar 1911.
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- Consolidated reprint: as New Phytologist Reprint, no. 4, Cambridge (at the Botany School) 1911. Oct., p. [i]-vii, [viii], [1]-203, [204, printer]. Copies: B, BKL, G, MO.
- Reprint of consolidated reprint: as New Phytologist Reprint, No. 4 with additional notes. Reprint for New Phytologist, London (Dawsons of Pall Mall) 1964. Oct., p. [i]-viii, 1-200, [unnumbered 12 p., index [1-3], [4, printer]. Copy: MO.
- Ref.: Irmscher, E., Bot. Jahrb. 40(Lit.): 46-47. 27 Aug 1912.

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***Cavillier, François** [-Georges] (1868-1953), Swiss (Vaudois) botanist, born at Bussigny sur Morges (Vaud), educated at schools at Bussigny and Aubonne, "préparateur" in the Burnat herbarium 1890-1898 in Genève, curator ib. 1898-1920, collected with Burnat on the latter's botanical trips, from 1920-1928 assistant at the Conservatoire botanique de Genève. (*Cavill.*).

HERBARIUM and TYPES: G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 415, 12(3): 358; Barnhart 1: 324; BFM see no. 966; BJI 2: 26; BL 2: 117, 569, 638; BM 6: 191; CSP 14: 110; DTS 6(4): 128; Hegi 6(2): 1327; Hortus 3: 1190; Kew 1: 499; MW p. 71; Plesch p. 174; TL-2/1: 475 and see indexes; Tucker 1: 769.

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Burdet, H.M., *Candollea* 28: 435-436. 1973 (handwriting, b. 20 Oct 1868, Bussigny/Morges, d. 6 Mar 1953, Vévey, Vaud).

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Wittrock, V.B., *Acta Horti Berg.* 3(3): 161. 1905 (note on portr.).

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(2) With J. Briquet, id. 5(2): 96-376. 1915, 6(1): 1-169. 1916, 6(2): 170-345. 1917, 7: 1-311. 1931, see TL-2/1: 418.

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Publ.: 1900, p. [(1)]-(11). Copies: BR, FAS(B). – Reprinted and to be cited from *Bull. Murith.* 28: 264-274. 1900.

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Publ.: 1902 (read 15 Jul 1901), p. [(1)]-(3). Copies: BR, FAS(B). – Reprinted and to be cited from *Bull. Murith.* 31: 150-152. 1902.

25.182. *Étude sur les *Doronicum* à fruits homomorphes ...* Genève (Imprimerie Romet, ...) 1907. Oct.

Publ.: 15 Apr 1907 (date on cover-t.p., *Nat. Nov. Mai* (2) 1907), cover-t.p., p. [1]-75. Copies: G(2). – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 10: 177-251. 1907.

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Ref.: Diels, L., *Bot. Jahrb.* 40(Lit.): 61. 24 Jan 1908 (rev.).

25.183. *Notes sur les caractères et les affinités du *Vicia elegantissima* Shuttl. ...* *Ann. Cons. Jard. bot. Genève ...* 1907-1908. Oct.

Publ.: Jan 1908 (read 30 Dec 1907, Nat. Nov. Feb (1) 1908), cover-t.p., p. [1]-15. *Copies*: G(2), NY. – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 11-12: 10-24. 1907-1908.

25.184. *Nouvelles études sur le genre Doronicum ...* *Ann. Cons. Jard. bot., Genève* 1911. Oct. *Publ.*: 10 Mai 1911 (date on cover-t.p.), cover-t.p., p. [i-ii], [1]-174, *pl.* 4 (uncol. phototyp. with text). *Copies*: BR, HH: – Reprinted and to be cited from *Annu. Cons. Jard. bot. Genève* 13-14: 195-368, *pl.* 4. 1911.

Ref.: Diels, L., *Bot. Jahrb.* 46(Lit.): 31-32. 26 Mar 1912.

Cayley, Dorothy Mary (1874-1955), British mycologist at the John Innes Horticultural Institution 1910-1938. (*Cayley*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 325; Desmond p. 124; Kew 1: 499; LS suppl. 4736.

BIOFILE: Bisby, G.R., *Trans. Brit. mycol. Soc.*, 50-yr. index: 10. 1952.

Ramsbottom, J. *Trans. Brit. mycol. Soc.* 30: 5, 13. 1948.

25.185. *Some observations on the life-history of Nectria galligena, Bres. ...* *Annals of Botany ...* 1921. Oct.

Publ.: Jan 1921 (in journal), p. [79]-92, *pl.* 4-5 (uncol. phot. and lith.). *Copy*: L. – Reprinted and to be cited from *Ann. Bot.* 35(137): 79-92, *pl.* 4-5. 1921.

Caylus, Anne Claude Philippe de Tubière de Grimoard de Pestels de Levi, Comte de (1692-1765), born at Paris, maecenes of science and art, worked with Bernard de Jussieu. (*A.C.P. Caylus, Sr.*).

NOTE: The orthography of the name of this author (and the next one) varies. We found a.o.: ... Tubières ..., ... Thubières ..., ... Pestel ..., ... Levy, and ... Levis.

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Dryander 3: 650; PR 1623, ed. 1: 1773.

BIOFILE: Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 663. 1878.

Rothmaler, W., *Fedde Repert spec. nov.* 53(1): 32. 1944.

EPONYMY: *Caylusea* (Resedaceae), see ING 1: 307. 1979.

25.186. *Dissertation sur le Papyrus ...* 1758. Qu. (*Diss. Papyrus*).

Publ.: 1758, p. [1]-56, *pl.* 1-4 (uncol. copp. engr.). *Copies*: G, PH.

Caylus, Anne Claude Philippe de Tubière de Grimoard de Pestels de Levi, Comte [Jr.], (fl. 1806), son of A.C.P. Caylus, above. (*A.C.P. Caylus, Jr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 325; BM 1: 330; PR 1624, ed. 1: 1772; Rehder 1: 33.

25.187. *Histoire du rapprochement des végétaux ...* A Paris (Chez N.L. Achaintre, Librairie ...) 1806. Oct. (*Hist. rapp. vég.*).

Publ.: 1806, p. [1]-128, [129-130]. *Copy*: G.

Cazalas, Robert (fl. 1930), French biologist, student of Pierre Dangeard at the Faculté des Sciences de l'Université de Paris, Dr. phil. ib. 1930. (*Cazalas*).

HERBARIUM and TYPES: Unknown.

25.188. No. d'ordre: 413. Mémoire présenté à la Faculté des sciences de l'Université de Paris pour l'obtention du diplôme d'études supérieures de botanique ... 1 Sur l'évolution du *vacuome des Chara et Nitella* dans ses relations avec les mouvements cytoplasmiques. 2 Propositions données par la Faculté. Soutenu le ... juin 1930, devant la Commission d'examen ... Paris (Imprimerie de la Faculté de Médecine Jouve & Cie., éditeurs ...) 1930. Oct. (*Vacuome Chara et Nitella*).

Publ.: Jun 1930 (date of defense thesis, Nat. Nov. Aug 1930), cover-t.p., p. [i-ii], [295]-322, pl. 6-8 (uncol. liths.), [323]. *Copy*: B. – Reprinted and to be cited from *Le Botaniste* 22(série): 295-322. 1930.

Cazin, C. E. (fl. 1859), French pharmacist, general secretary of the society for pharmaceutical sciences, member of the chemical society and several other societies. (*C.-E. Cazin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 1: 857.

25.189. *Notice sur les Champignons* qui croissent dans les galeries souterraines de l'établissement thermal de Bagnères-de-Luchon, ... avec des remarques de M.C. Montagne (de l'Institut) et un plan des galeries souterraines de Luchon ... Paris (Germer Baillière, Libraire-éditeur ...) 1859. Oct.

Publ.: 1859, p. [1]-31, 1 folding map. *Copy*: G. – Reprinted and to be cited from *Ann. Soc. hydrol. médic.* Paris 5(1859) (n.v.), see also *Journal de Pharmacie* 1855, p. 175-192.

Cazin, F. J. (fl. 1850), French physician at Boulogne-sur-Mer. (*F.J. Cazin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 99; Jackson p. 270; PR 1625.

25.190. *Traité pratique et raisonné de l'emploi des plantes médicinales indigènes ...* Ouvrage couronné en 1847 ... sur la question suivante: "Des ressources que la flore médicale indigène présente aux médecins des campagnes ... Boulogne (Chez l'Auteur ...), Paris (Chez Labé, Libraire ...) 1850. Oct. (*Pl. médic. indig.*).

Publ.: *Ed. 1*: 1850, p. [i*, iii*], [i]-viii, [5]-661, [663, err.]. *Copy*: NY.

Ed. 2: 1858, p. [i]-xiv, [xv, err.], [1]-1076. *Copy*: NY. – "Deuxième édition ... avec un atlas [not seen by us] de 200 plantes soigneusement lithographiées".

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Ed. 4: 1875, by H. Cazin (n.v.).

Ed. 5: 1885 (*Bot. Zeit.* 29 Mai 1885), n.v., "5. édition, revue, corrigée et augmentée. Avec un Atlas de 200 plantes. Paris (Librairie Asselin et Comp.) 1885.

Index to Titles

Each book or paper treated in the foregoing text has been assigned a number printed in bold face; these are given in this index at the end of each entry. Because both short titles (the first significant words of the full title) and abbreviations of short titles are given, this index includes both. The initial definite and indefinite articles are omitted from titles. The unabbreviated short titles are alphabetized word by word, but abbreviated ones are treated as if they were single words with the omission of punctuation and spaces.

If a title is mentioned under two numbers, both are given in this index. Since the same title, at least in its short form, may have been used by two or more authors, each entry includes the name of the author in the form recommended at the end of the first paragraph of the section treating him.

Titles of exsiccata are included, printed in italics, and titles of journals taken from the surname of botanists are printed in capital letters. Both kinds of entry include, in parentheses, the surname concerned preceded by the initials of his first name with the word *see* in italics.

In addition there are three less frequently encountered kinds of references which should be identified and explained:

(1) When a second title of the same author is mentioned in the treatment of a book or paper, the index entry for the former refers to the number of the latter.

(2) It sometimes happens that in the treatment of one book or paper by author A, the title of a book or paper by author B is mentioned; this situation is indicated in the index by parenthetically instructing the user to *see* the number assigned to A's title.

(3) Similarly a book or paper by author B may be mentioned under the author A in paragraphs other than those describing his titles; this is indicated by the index-notation "*see* author A".

- 2 bis 4 Hüllblätter von *Calla palustris* (Casp.) 25.026
292 Deutsche *Rubus*-Arten (Braeucker) 22.501
292 *Rubus*-Arten (Braeucker) 22.501
A propos de fécondation (Carnoy) 24.845
Aanteekeningen op planten-biologisch Gebied (Burck) 23.659
Aanteek. pl.-biol. Gebied (Burck) 23.659
Abnorma blommor hos *Platanthera bifolia* (*see* 22.809)
Abnorma granar (Brenner) 22.809
Abnorma kottefjäll hos den vanlige granen (Brenner) 22.815
Abnormal branch of the Mango (Burkill) 23.762
Abnormality Coconut Palm (Burkill) 23.777
Abnorme Fichtenzapfen (A. Braun) 22.624
Abstammungslehre (Buekers) 23.568
Acanthaceae (Bremek.) 22.753
Acantholimon (Bunge) 23.633
Accélération basifuge hypocotyle (Bugnon) 23.601
Account of the genus *Pythium* and some Chytridaceae (E.J. Butler) 23.976
Account *Pythium* Chytrid. (E.J. Butler) 23.976
Aceretum rubri (S.A. Cain) 24.056
Acrocladiopsis (Cardot) 24.810
Actaea spicata ja *Actaea erythrocarpa* (Cajander) 24.080
Ad cognitionem bryophytorum Archipelagi canariensis contributio (Bryhn) 23.382

- Ad cognitionem Bryophytorum arcticorum (Bryhn) 23.383
- Ad cognitionem generis muscorum Amblystegii contributiones (Bryhn) 23.379
- Ad muscologiam Norvegiae contributiones (Bryhn) 23.377
- Ad muscologiam Norvegiae contributiones IV. (Bryhn) 23.381
- Addimenta nova Symplocos (Brand) 22.514
- Addit. fl. Green River (R.W. Br.) 23.242
- Additional notes Rubiaceae Surinam (Bremek.) 22.745
- Additional Philippine Symplocaceae (Brand) 22.516
- Additional records of Alaskan fungi (E.K. Cash) 25.001
- Additional remarks on the pollen mass in Asclepiadeae (see 23.235)
- Additions et corrections à la monographie du genre Galeopsis (Briq.) 22.898
- Additions to the flora of the Green River formation (R.W. Br.) 23.242
- Address anniversary meeting 1889 (Carruthers) 24.898
- Adenostyles-Arten (Braun-Blanq.) 22.651
- Adiciones Compuestas del Parque nacional del Nahuel Huopí (see 24.026)
- Adnotanda mycologica (Bres.) 22.843
- Adventivknospen von Calliopsis tinctoria (A. Braun) 22.616
- Af namnförbistring hotad Taraxacum-form (Brenner) 22.795
- Affinités des Ériocaulonées (Caruel) 24.936
- Affinities of the Filicineae (Campb.) 24.205
- Affinities of the genus Equisetum (Campb.) 24.228
- Affinities Ophioglossaceae and Marsiliaceae (Campb.) 24.227
- Affin. trees shrubs Gr. Smoky Mts. (S.A. Cain) 24.049
- Afrikanischen Arten der Gattung Ficus (Burret) 23.832
- Afrikanischen Arten der Gattung Grewia (Burret) 23.831
- Afvikande former af Succisa pratensis (G.W.F. Carlson) 24.838
- Afvikande granformer (Brenner) 22.806
- Agaricinées leucospores (Brunaud) 23.332
- Agaven (C.P. Braun) 22.640
- Age d'un abre (A. DC.) 24.483
- Agropyropsis (A. Camus) 24.369
- Agrostis Comores (A. Camus) 24.347
- Alc. diverg. nom. bot. (Bubani) 23.444
- Alchimilles bormiaises (Buser) 23.935
- Alchimilles du Caucase (Buser) 23.932
- Alchimilles du Crêt de Chalam (Buser) 23.936
- Alchimilles valaisannes (Buser) 23.931
- Alcune divergenze intorno la nomenclatura botanica (Bubani) 23.444
- Alcune osservazioni sull' embriogenesi delle Asteracee (Carano) 24.722
- Alcuni Funghi della Somalia (Bres.) 22.836
- Aldrovandia vesiculosa (Casp.) 25.017
- Alexandri Lehmanni Reliquiae botanicae (Bunge) 23.625
- Algae from brackish water (N. Carter) 24.916
- Algen (see Braun, H.)
- Algen und Schizophyceen der Altwässer der Donau (Brunnth.) 23.354
- Algenflora der Lippe (Budde) 23.558
- Algenflora des Val Piora (Brutschy) 23.362
- Algenfl. Val Piora (Brutschy) 23.362
- Algunas observaciones relativas a los bosques antartandicos (Castellanos) 25.066
- Algunos árboles (Castellanos) 25.057
- Algunos formaciones vegetacion Argentina (Castellanos) 25.069
- Allgemeine Bemerkungen über das Vorkommen der Pteridophyten in Neu-Guinea (see 22.678)
- Allioniella (Broth.) 23.186
- Allomyces (E.J. Butler) 23.979
- Alnus Formen (Callier) 24.133
- Alnus glutinosa × incana (Callier) 24.128
- Aloe Brunnthaleri (Cammerloher) 24.185
- Alpine Desmids from British Columbia (N. Carter) 24.915
- Alte Linde (Casp.) 25.029
- Ältesten Nutz- und Kulturpflanzen (Brockm.-Jer.) 23.088
- Altre piante Cirenica (Cavara) 25.170
- Amarylloideen-Studien (Bremek.) 22.749
- Amendments to the Paris Code of botanical Nomenclature (Carruthers) 24.899
- Amendm. Paris Code bot. Nom. (Carruthers) 24.899
- American Code of botanical nomenclature (Britton) 23.031; see 23.024
- American species of the genus Anemone (Britton) 23.017
- American species Vaccinium (Camp) 24.192
- Amerikanische Obst und seine Parasiten (Brick) 22.857
- An diversae variorum entium organicorum (Brongn.) 23.117
- Anabasearum revisio (Bunge) 23.627
- Anabas. rev. (Bunge) 23.627
- Anacamptis pyramidalis var. Tanayensis

- (Buser) 23.933
 Analyse d'un brin d'herbe (L. Bravais) 22.683
 Anat. Geran.-Bl. (Brunies) 23.345
 Anat. Melocactus (Breda de Haan) 22.700
 Anatomie comparée de la feuille (Briq.) 22.931
 Anatomie comparée des feuilles (C. DC.) 24.508
 Anatomie der Geraniaceenblätter (Brunies) 23.345
 Anatomie du fruit dans *Heracleum* (Briq.) 22.959
 Anatomie du tissu conducteur (Capus) 24.713
 Anatomie Entwicklungsgeschichte *Chaerophyllum* (Branscheidt) 22.572
 Anatomie et physiologie végétales (Cauvet) 25.120
 Anatomie van het geslacht *Melocactus* (Breda de Haan) 22.700
 Anatomisch-systematische Untersuchung *Diospyros* (P. Busch) 23.921
 Anatomische Untersuchungen argentinischer Hölzer (Burgerstein) 23.714
 Anatomische Untersuchungen Samoanischer Hölzer (*see* Burgerstein, A.)
 Anatom. tissu conduct. (Capus) 24.713
 Anatomy of *Equisetum giganteum* (I. Browne) 23.264
 Anatomy of the cone and fertile stem of *Equisetum* (I. Browne) 23.260
 Anat. Phys. vég. (Cauvet) 25.120
 Anat. *Ruta graveolens* (W. Brandt) 22.561
 Anat.-Syst. Unters. *Diospyros* (P. Busch) 23.921
 Anbau ausländ. Holzarten (Cajander) 24.100
 Anbau ausländischer Holzarten (Cajander) 24.100
 Änder. Klimas Schweiz (Brockm.-Jer.) 23.080
 Änderungen des Klimas in der Schweiz (Brockm.-Jer.) 23.080
Andira Harsfieldii (Cadet de Gass.) 24.033
Andraea commutata (Cardot) 24.741
Andropogon nouveau (A. Camus) 24.299
Andropogonées Madagascar (A. Camus) 24.315
Andropogonées odorantes des régions tropicales (A. Camus) 24.303
Andropogonetum Hempsteadii (S.A. Cain) 24.054
Andropus (Brand) 22.521
Anguillcarpus (Burkill) 23.763
 Anhang über einige ausländische Arten der Gattung *Isoëtes* (*see* 22.597)
 Anleitung zur sicheren Erziehung Holzarten (Burgsd.) 23.731
 Anl. Erzieh. Holzart. (Burgsd.) 23.731
 Ann. cat. Spermatoph. Kentucky (Lucy Braun) 22.645
 Annotated catalog of Spermatophytes of Kentucky (Lucy Braun) 22.645
 Anomalie e varietà nella flora del Modenese (J. Camus) 24.431
 Anomalies de la fleur du *Rumex scutatus* (Calloni) 24.147
 Anomalies du *Rhinanthus alectorolophus* (J. Camus) 24.433
 Anomalies *Serapis Lingua* (A. Camus) 24.345
 Anomalous traces in the cone of *Equisetum maximum* (I. Browne) 23.265
 Anom. fl. *Rumex scut.* (Calloni) 24.147
 Ansprache bei der Eröffnung des Semesters 1865 (A. Braun) 22.602
 Anspr. Eröffn. Sem. 1865 (A. Braun) 22.602
 Anteckningar till Norra Tavastlands Flora (Broth.) 23.152
 Anteckningar till Skånes flora (O.T. Br.) 23.230
 Anteckn. Skånes fl. (O.T. Br.) 23.230
 Antheridia of some Florideae (Buffham) 23.591
 Antheridium ferns (Campb.) 24.202
 Antherostele (Bremek.) 22.760
 Antithetic versus homologous alternation (Campb.) 24.225
 Anzucht tropischer Orchideen aus Samen (Burgeff) 23.700
 Anzucht trop. Orch. (Burgeff) 23.700
 Apfeldolde mit fünf Früchten (Casp.) 25.036
 Aphorismi botanici (*see* Bruzelius, A.S.)
 Aphyllous forms *Pyrola* (Camp) 24.190
 Apogamy in *Osmunda cinnamomea* (E.D. Br.) 23.213
 Aposporie et sexualité chez les Mousses (*see* 24.794)
 Append. gen. sp. Hort. berol. 1855 (A. Braun) 22.589
 Append. gen. sp. nov. 1851 (*see* Caspary, [J.X.] R.)
 Appendix generum et specierum Horto berlinensi 1855 (A. Braun) 22.589
 Appendix observationum botanicarum Horto berlinensi 1872 (A. Braun) 22.618
 Appendix plantarum novarum 1871 (*see* 22.618)
 Appendix plantarum novarum Horto berlinensi 1856 (A. Braun) 22.591
 Appendix plantarum novarum Horto berlinensi 1857 (A. Braun) 22.592

- Appendix plantarum novarum Horto berolinensi 1861 (A. Braun) 22.595
- Appendix specierum novarum (*see* Braun, A.[C.H.])
- Appendix specierum novarum Horto berolinensi 1867 (A. Braun) 22.605
- Append. obs. bot. Hort. berol. 1872 (A. Braun) 22.618
- Append. pl. nov. Hort. berol. 1856 (A. Braun) 22.591
- Append. pl. nov. Hort. berol. 1857 (A. Braun) 22.592
- Append. pl. nov. Hort. berol. 1861 (A. Braun) 22.595
- Append. sp. nov. Hort. berol. 1867 (A. Braun) 22.605
- Application and use of botanical names (*see* Camp, W.H.)
- Appunti di patologia vegetale (Cavara) 25.135
- Appunti flora culminicola (Calloni) 24.148
- Apuntes geográfico-botánicos Península Ibérica (Buen) 23.571
- Apuntes sobre la vegetación de las dunas de Juancho (Cabrera) 24.017
- Apunt. veget. dunas Juancho (Cabrera) 24.017
- Araucarian cones (Carruthers) 24.879
- Arbr. arbust. arbriss. ornem. (A. Camus) 24.308
- Arbr. civilisation (Carrière) 24.863
- Arbre généalogique du groupe pêches (Carrière) 24.867
- Arbres et civilisation (Carrière) 24.863
- Arbres, arbustes et arbrisseaux d'ornement (A. Camus) 24.308
- Arcangeliella borziana (Cavara) 25.149
- Archaean plant (Britton) 23.014
- Archegonium and sporophyte of *Treubia insignis* (Campb.) 24.255
- Archidium alternifolium (H. Buch) 23.465
- Arisarum proboscideum (Caruel) 24.962
- Arngast Oberahnschen Felder (Buchenau) 23.490
- Artemisia française (E.G. Camus) 24.394
- Artypen Gliederung der Gattung *Plagiochila* (H. Carl) 24.822
- Arum nigrum var. *apulum* (Carano) 24.730
- Arundinaria China (A. Camus) 24.341
- Arundinaria Madagascar (A. Camus) 24.329
- Ascomycetes California (E.K. Cash) 25.002
- Asexual reproduction Hepaticae (Cavers) 25.173
- Association végétale climatique, Genre nouveau flore France (Braun-Blanq.) 22.675
- Aster Haplopappus (Cabrera) 24.008
- Astragalus cicer (Brenner) 22.820
- Atlas commercial woods United States (H.P. Br.) 23.219
- Atlas commerc. woods U.S. (H.P. Br.) 23.219
- Atlas öfver Finland (*see* Cajander, A.K.)
- Atrichopsis (Cardot) 24.807
- Attacco Colletotrichum omnivorum (Campanile) 24.198
- Attalea cohune (Burret) 23.857
- Aubépines Québec (Brunel) 23.343
- Auf der Expedition S.M.S. Gazelle von Dr. Naumann im malayischen Gebiet gesammelten Siphonogamen (*see* 24.515)
- Auffallende Eisbildungen auf Pflanzen (Casp.) 25.012
- Aufgaben des Pflanzenschutzes in den Kolonien (Busse) 23.964
- Auftreten epiphyllischer Kryptogamen im Regenwald von Kamerun (Busse) 23.962
- Aufzaehl. Transkauk. Pflanz. (Buhse) 23.612
- Aufzaehlung der auf einer Reise durch Transkaukasien und Persien gesammelten Pflanzen (Buhse) 23.612
- Aufzählung der von F. Bruns im nördlichen Persien gesammelten Pflanzen (*see* Bruns, F.C.A.)
- Aufzählung neuer Pflanzenbastarde der Bündner- und Nachbarflora (*see* 23.299)
- Aulococarpus Mouriria (Burret) 23.850
- Australasian element Hawaiian flora (Campb.) 24.267
- Australasien botanical notes (Campb.) 24.261
- Autobiographie (Burnat) 23.822
- Azoren (*see* Bronn, H.G.)
- Bacteriophilous species of *Psychotria* (Bremek.) 22.734
- Bactris (Burret) 23.861
- Bactris cohune (Burret) 23.858
- Bad Gurnigel im Kanton Bern (*see* 23.296)
- Bahama Flora (*see* 22.998; Britton, E.G.)
- Bahama mosses (E. Britton) 22.998
- Bamboos in Martaban (Brandis) 22.548
- Bambous îles Salomon (A. Camus) 24.367
- Bambusoideae Madagascar (A. Camus) 24.373
- Banc à Stigmaria (Carpentier) 24.848
- Basidiomycetes Philippinenses (Bres.) 22.844
- Basidiomycetes Vermont (Burt) 23.879
- Bassin houiller du Nord (Carpentier) 24.849
- Bastard von *Digitalis purpurea* und *lutea* (*see* 25.026)
- Bau Blätt. Rhododendr. (A. Breidf.) 22.724
- Bau Cyanoph. (Buetschli) 23.586
- Bau der Blätter der Rhododendroideae (A.

- Breitf.) 22.724
 Bau der Cyanophyceen (Buetschli) 23.586
 Bau Leben Waldbäume (Büsgen) 23.584
 Bau und Leben der Waldbäume (Büsgen) 23.584
 Baumgrenze und Klimacharakter (Brockm.-Jer.) 23.089; *see* 23.084
 Baumgr. und Klimacharact. (Brockm.-Jer.) 23.089
 Beania (Carruthers) 24.884
 Bearbeitung der von C. Ledermann aus dem Papuagebiete mitgebrachten Pteridophyten (Brause) 22.681
 Bedeut. Entw. Naturgesch. (A. Braun) 22.617
 Bedeut. Morphol. (A. Braun) 22.596
 Bedeut. Pfl.-K. allg. Bild. (A. Braun) 22.630
 Bedeutung der Pflanzenkunde für die allgemeine Bildung (A. Braun) 22.630
 Befruchtung der Aristolochia-Blüthe (Burck) 23.661
 Beginn. agric. Amer. (L. Carrier) 24.862
 Beginnings agriculture America (L. Carrier) 24.862
 Begon. centr.-amer. (C. DC.) 24.593
 Begonia Haniffii (Burkill) 23.784
 Bégonia nouveau (C. DC.) 24.585
 Begoniaceae (C. DC.) 24.529
 Begoniaceae, Append. pl. nov. Hort. berol. 1856 (*see* 22.591)
 Begoniaceae centrali-americanae et ecuadorenses (C. DC.) 24.593
 Begoniaceae et Piperaceae Ins. St. Thomae (C. DC.) 24.519
 Begoniaceae novae 1908 (C. DC.) 24.560
 Begoniaceae novae 1925 (C. DC.) 24.608
 Begoniaceen-Gattungen und Arten (*see* Caspary, [J.X.] R.)
 Begriffsbestimmung im Gebiet der Pflanzentopographie (Cajander) 24.098
 Begriffsbest. Pfl. -topogr. (Cajander) 24.098
 Beitrage zur Kenntniss der myrmecophilen Pflanzen (Burck) 23.660
 Beiträge Anatomie Commelinaceen (H. Caro) 24.846
 Beiträge Endogone (Buchholz) 23.548
 Beiträge Entwicklungsgeschichte Orchideen (Capeder) 24.690
 Beiträge Flora Vorarlbergs (Bruhin) 23.307
 Beiträge Jahresperiode der Weisstanne (Busse) 23.955
 Beiträge Kryptogamenflora der Schweiz (*see* 23.577)
 Beiträge Laubmoosflora von Hamburg (Burchard) 23.646
 Beiträge Palmen von Malesia, Papua und der Südsee (Burret) 23.838
 Beiträge Simarubaceenrinden (Caspary) 25.010
 Beiträge zur Anatomie der Adansonia digitata (C.P. Braun) 22.639
 Beiträge zur Anatomie der Laubmooskapsel (Bünger) 23.572
 Beiträge zur Anatomie, Morphologie und Systematik der Commelinaceae (G. Brückn.) 23.293
 Beiträge zur anatomischen Kenntnis der Flechtengattung Ramalina (T. Brandt) 22.560
 Beiträge zur Augsburger Pilzflora (Britzelm.) 23.063
 Beiträge zur Biologie der baltischen Strandpflanzen (Brick) 22.854
 Beiträge zur Blütenbiologie (W. Brenner) 22.828
 Beiträge zur edaphischen Ökologie der Vegetation Finnlands (Wid. Brenner) 22.825
 Beiträge zur Flora des K. Regierungsbezirkes Schwaben und Neuburg (Caflisch) 24.043
 Beiträge zur Flora von Afrika (*see* 23.169)
 Beiträge zur Flora Westfalens (Brockhausen) 23.073
 Beiträge zur Kenntnis der Erysiphaceen Litauens (Brundza) 23.341
 Beiträge zur Kenntnis der Hydrophyllaceen (Brand) 22.518
 Beiträge zur Kenntnis parasitischer Pilze (G. Burchard) 23.644
 Beiträge zur Kenntniss der brasilianischen Moosflora (Broth.) 23.163
 Beiträge zur Kenntniss der Butomaceen (Buchenau) 23.500
 Beiträge zur Kenntniss der Flora Graubündens (*see* 22.647)
 Beiträge zur Kenntniss der Gattung Rosa (Heinr. Braun) 22.635
 Beiträge zur Kenntniss der Gattung Tropaeolum (Buchenau) 23.509
 Beiträge zur Kenntniss der Lebermoosgattungen Syzygiella and Jamesoniella (H. Carl) 24.823
 Beiträge zur Kenntniss der ostbaltischen Flora (*see* 23.545)
 Beiträge zur Kenntniss der Styliidiaceen (G.P. Burns) 23.826
 Beiträge zur Kenntniss der Tiliaceen (Burret) 23.834
 Beiträge zur Kenntniss der Vegetation des peruanischen Küstengebietes (Brunns) 23.360
 Beiträge zur Lichenenflora von Augsburg (*see* 23.062)

- Beiträge zur Morphologie und Anatomie der Dioscoreaceen (Bucherer) 23.524
- Beiträge zur Morphologie und Systematik der Hypogaean (Buchholz) 23.540
- Beiträge zur Ökologie und Biologie der Kanarenpflanzen (Burchard) 23.645
- Beiträge zur Systematik der Asparagoideae (Bubel) 23.445
- Beiträge zur vergleichenden Anatomie der Tamaricaceen (C. Brunner, Hamb.) 23.350
- Beitrag Cladochytrien (Büsgen) 23.580
- Beitrag Flora Südbadens (Braun-Blanq.) 22.664
- Beitrag zur Algenflora der Inseln Pelagosa und Pomo (Cammerloher) 24.167
- Beitrag zur Flora von Kaimeni (Cammerloher) 24.187
- Beitrag zur Flora von Persien Labiatae (Heinr. Braun) 22.636
- Beitrag zur Flora von Tunesien (Buxb.) 23.994
- Beitrag zur Kenntnis der Gattung Selaginella (A. Braun) 22.601
- Beitrag zur Kenntnis einiger Phycomycceten (Bubák) 23.408
- Beitrag zur Kenntnis einiger Uredineen (Bubák) 23.416
- Beitrag zur Kenntniss der böhmischen Perenosporien (Bubák) 23.390
- Beitrag zur Pilz-Flora der Umgegend von Hohenstadt (Bubák) 23.389
- Beitrag zur Pilzflora des Sachsenwaldes (Brick) 22.856
- Beitrag zur Pilzflora von Montenegro (Bubák) 23.407
- Beitrag zur Pilzflora von Niederösterreich (Bubák) 23.422
- Beitrag zur Pilzflora von Tirol (Bubák) 23.395
- Beitrag zur Pilzflora von Ungarn (Bubák) 23.419
- Beitrag zur rhätischen Laubmoosflora (Brügger) 23.295
- Beitrag zur Systematik von *Genista Hassertiana* (Buchegeger) 23.483
- Beitrag zur Untersuchung über die systematische Stellung der Empetraceen (Bry) 23.367
- Beitr. Anat. *Adansonia* (C.P. Braun) 22.639
- Beitr. Anat. *Commelinac.* (H. Caro) 24.846
- Beitr. Biol. balt. Strandpfl. (Brick) 22.854
- Beitr. Bl.-Biol. (W. Brenner) 22.828
- Beitr. Cladochytr. (Büsgen) 23.580
- Beitr. Fl. Aethiop. (*see* 25.028)
- Beitr. Fl. Westfal. (Brockhausen) 23.073
- Beitr. Junc. (Buchenau) 23.488
- Beitr. Kenntn. Afr. Flora (*see* Brown, N.E., Buchenau, F.[G.P.]; 24.527, 24.528)
- Beitr. Kenntn. *Ramalina* (T. Brandt) 22.560
- Beitr. Kenntn. *Rosa* (Heinr. Braun) 22.635
- Beitr. Morph. Anat. *Diosc.* (Bucherer) 23.524
- Beitr. Morph. Syst. Hypog. (Buchholz) 23.540
- Beitr. Ökol. Biol. Kanarenpfl. (Burchard) 23.645
- Beitr. Ökol. Veg. Finnland. (Wid. Brenner) 22.825
- Beitr. parasit. Pilze (G. Burchard) 23.644
- Beitr. Pilzfl. Montenegro (Bubák) 23.407
- Beitr. Pilzfl. Ungarn (Bubák) 23.419
- Beitr. Simar.-Rind. (Casparis) 25.010
- Beitr. Styliadiac. (G.P. Burns) 23.826
- Beitr. Syst. Asparag. (Bubel) 23.445
- Beitr. Syst. *Commelinac.* (G. Brückn.) 23.293
- Beitr. Unters. *Empetrac.* (Bry) 23.367
- Beitr. Veg. peruan. Küstengeb. (Bruns) 23.360
- Bellevalia Webbiana* (Caldesi) 24.112
- Bemerkung zur systematischen Stellung *Meliola* (Buchholz) 23.535
- Bemerkungen über *Agaveen* (A. Braun) 22.627
- Bemerkungen über einige *Cycadeen* (A. Braun) 22.629
- Bemerkungen ueber einige Planktonformen (P.J. Breemen) 22.703
- Bemerkungen über einige *Puccinien* (Bubák) 23.404
- Bemerkungen über *Placentenbildung* (A. Braun) 22.620
- Bemerkungen zu *Diedicke's* Abhandlung *Phomopsis* (Bubák) 23.426
- Bemerkungen zur Flora *silesiaca exsiccata* (Callier) 24.135
- Benennung *Tilletia belgradensis* (Bubák) 23.420
- Beobachtung Schimmelvegetation (Carus) 24.992
- Beobachtungen über wildwachsende Pflanzenbastarde (Brügger) 23.298
- Bergey's manual of determinative bacteriology (*see* Buchanan, R.E.)
- Bericht über Deutsch-Ostafrika Forschungsreise (Busse) 23.960
- Bericht über die botanische Forschungsreise nach Ostafrika (Brunnth.) 23.355
- Bericht über die pflanzenpathologische Expedition nach Kamerun und Togo (Busse) 23.967
- Bericht über eine botanische Studienreise nach dem Malayischen Gebiet (*see* Burret, K.E.M.)
- Bericht über eine in hepatologischer Hinsicht auf der Kurischen Halbinsel und an der

- Düna ausgeführte Exkursion (*see* 23.364)
 Bericht über meine Reise durch einen Theil Armeniens (*see* 23.612)
 Berichte über die Expedition nach den deutsch-ostafrikanischen Steppen (*see* Busse, W. [K.O.])
 Beschreibung neuer Laubmoose (Bruch) 23.276
 Beschreibungen einiger von J. M. Hildebrandt in Ostafrika entdeckter Pflanzen (A. Braun) 22.632
 Bestäubungseinrichtungen von *Aristolochia* (Cammerloher) 24.186
 Bestimmungstabellen der Gallen (*see* Buhr, H.)
 Bezeichnung Baum (Bremek.) 22.739
 Bezieh. Klima, Bod. Veg. (Cajander) 24.094
 Beziehungen zwischen Klima, Boden und Vegetation (Cajander) 24.094
 Beziehungen zwischen Regenfall und Wald in Indien (Brandis) 22.544
 Bible educator (*see* Carruthers, W.)
 Bibliografía botánica Argentina (Castellanos) 25.052
 Bidrag kändedom af Finska Vikens Övegetation. IV. Hoglands Lafvar (Brenner) 22.775
 Bidrag Sv. fan. ört. skottutv. (Brundin) 23.340
 Bidrag till kändedom af Finska vikens övegetation (Brenner) 22.773
 Bidrag till Svenska fanerogama örternas skottutveckling (Brundin) 23.340
 Biel und seine Umgebung (Bruhin) 23.314
 Biel und Umgeb. (Bruhin) 23.314
 Biene als Honigdieb bei *Justicia Adhatoda* (*see* 23.994)
 Bijdrage tot *Pinus Merkusii* (Brandts Buys) 22.562
 Bijdr. *Pinus Merk.* (Brandts Buys) 22.562
 Biogeográfica de America latina (*see* Cabrera, A.L.)
 Biol. cellul. (Carnoy) 24.844
 Biol. Hepatic. (Cavers) 25.177
 Biological notes on Indian bamboos (*see* 22.548)
 Biologie cellulaire (Carnoy) 24.844
 Biologie der Blüte von *Aristolochia grandiflora* (Cammerloher) 24.174
 Biologie des capsules monospermes (Aug. DC.) 24.674
 Biologie Entwicklungsgeschichte *Protomyces* (Büren) 23.573
 Biologie florale *Echium* (A. Camus) 24.381
 Biologie *Protomyces inundatus* (Büren) 23.576
 Biologische beteeckenis der nectarafscheidung (Burck) 23.671
 Biology Hepaticae (Cavers) 25.172
 Blackberries N. Engl. (Brainerd) 22.506
 Blackberries of New England (Brainerd) 22.506
 Blattflächenstellungen Lebermoosen (H. Buch) 23.461
 Blattnerven (Buch) 23.447
 Blaualgen des Ess-Sees (Canabaeus) 24.439
 Bloem Geheimen (Calkoen) 24.126
 Blütenbiol. (Cammerloher) 24.184
 Blütenbiologie (Cammerloher) 24.184
 Blütenbiologische Beobachtungen an *Loranthus europaeus* (Cammerloher) 24.170
 Blütenökologische Beobachtungen an den Blüten einer *Bauhinia* (Cammerloher) 24.182
 Blüthensprosse auf Blättern (Casp.) 25.039
 Bodenfauna und Bodenflora der Danziger Bucht (Bursa) 23.875
Bonnemaisonia hamifera (Buffham) 23.592
 Boschi della Sicilia (Calcara) 24.105
 Boschi Sicilia (Calcara) 24.105
 Bot. Abor exp. (Burkill) 23.786
 Botanic Gardens Singapore (Burkill) 23.789
 Botanical aspects Hawaii (Campb.) 24.260
 Botanical aspects Jamaica (Campb.) 24.215
 Botanical collectors, collections and collecting places in the Malay Peninsula (Burkill) 23.788
 Botanical drawing (Burb.) 23.639
 Botanical features Algerian Sahara (W.A. Cannon) 24.683
 Botanical Gardens (Britton) 23.023
 Botanical nomenclature (Britton) 23.012
 Botanical questions connected with the export trade of China (Bretschn.) 22.850
 Botanical survey Huron River Valley (F. Br.) 23.214
 Botanical trips Appalachian Trail (S.A. Cain) 24.055
 Botanicum gallicum (*see* 24.614)
 Botanik, Wiss. Erg. Deut. Zentral-Afr. Exp. (*see* Brause, G.G.W.)
 Botanique de la Chine septentrionale (DC.) 24.658
 Botanique élémentaire (*see* Cariot, A.)
 Botanique et philologie (J. Camus) 24.432
 Botanisch-kritische Bemerkungen über die Gräser (Bujack) 23.618
 Botanisch-medizinischer Garten (*see* Carl, J.A.)
 Botanische Bestimmung grönländischer Holzsulpturen (Burgerstein) 23.715

- Botanische Bestimmung nordwestamerikanischer Holzskulpturen (Burgenstein) 23.716
 Botanische Bestimmung sibirischer Holzskulpturen (Burgerstein) 23.713
 Botanische Ergebnisse der Schwedischen Expedition nach Patagonien und dem Feuerlande, Mousses (Cardot) 24.815, see Brotherus, V.F.
 Botanische Forschungen des Alexanderzuges (H. Bretzl) 22.852
 Botanische Miscellen (Brand) 22.511
 Botanischer Bericht über die Flora von Kamerun (see Braun, A.[C.H.])
 Botanistes français en Amérique du Nord avant 1850 (see Camus, A.)
 Botanistes la flore des Alpes maritimes (Burnat) 23.818
 Botanizing excursions Borneo (Campb.) 24.251
 Botany Abor expedition (Burkill) 23.786
 Botany of the Bible (see Carruthers, W.)
 Botany of the Faeröes (see 22.577; Branth, J.S.D.)
 Bot. draw. (Burb.) 23.639
 Bot. Erg. Elbert'schen Sunda-Exp. I (see Brotherus, V.F.)
 Bot. Erg. Schwed. Exp. Patag., Mousses (Cardot) 24.815
 Bot. feat. Alg. Sah. (W.A. Cannon) 24.683
 Bot. Forsch. Alexanderzug. (H. Bretzl) 22.852
 Bot. Gard. Singapore (Burkill) 23.789
 Bothriochloa (A. Camus) 24.351
 Bot.-krit. Bemerk. Gräs. (Bujack) 23.618
 Botryodictyon elegans (G.W.F. Carlson) 24.840
 Botrytis cinerea (Brierley) 22.866
 Bot. Stud. (see 24.840)
 Boulaya (Cardot) 24.804
 Brachiaria fragrans (A. Camus) 24.370
 Brachiaria Panicum Madagascar (A. Camus) 24.324
 Brackwasserstudien (C. Brockmann) 23.075
 Bractées florifères (C. DC.) 24.520
 Bracteole in Scilla nutans (Burkill) 23.795
 Breve contribuzione nucleolo (Cavara) 25.152
 Brief acc. microsc. obs. (R. Br.) 23.234
 Brief account of microscopical observations (R. Br.) 23.234
 Brit. Hepat. (Carrington) 24.870
 British flora medica (see Castle, T.)
 British fossil Pandaneae (Carruthers) 24.881
 British Hepaticae (Carrington) 24.870; see Carrington, B.
 Bromeliaceae argentinae novae vel criticae (Castellanos) 25.054
 Bromeliáceas Paraguaya (Castellanos) 25.068
 Bromeliáceas y Cactáceas (Castellanos) 25.059
 Bromus bitfayensis (A. Camus) 24.379
 Brownies (E. Britton) 22.980
 Brutorg. Lebermoose (H. Buch) 23.452
 Brutsprösschen bei Plagiochila (H. Carl) 24.827
 Bryological Notes (E. Britton) 22.984
 Bryologische Reiseskizzen aus Nordland (see Burchard, O.)
 Bryoph. Arch. canar. contrib. (Bryhn) 23.382
 Bryoph. arctic. (Bryhn) 23.383
 Bryoph. Azoren Madeira (H. Buch) 23.474
 Bryoph. itin. pol. norv (Bryhn) 23.380
 Bryoph. nonnulla Zululand (Bryhn) 23.386
 Bryophyta in itinere polari norvegorum (Bryhn) 23.380
 Bryophyta nonnulla in Zululand collecta (Bryhn) 23.386
 Bryophyta pro flora Spitzbergensi nova (Bryhn) 23.385
 Bryophyten von den Azoren und Madeira (H. Buch) 23.474
 Bryophytic unions of certain forest types of the Great Smoky Mountains (S.A. Cain) 24.058
Bryotheca europaea (see Carrington, B.)
 Bulliarda aquatica (Casp.) 25.020
 Cactaceas (see Castellanos, A.)
 Cactáceas cultivadas que deben excluirse del catálogo de la flora argentina (Castellanos) 25.060
 Cactaceas de Mexico (Bravo) 22.686
 Cactaceous plants (L. Castle) 25.077
 Cacti of Trinidad (Britton) 23.059
 Cact. Mexico (Bravo) 22.686
 Cact. pl. (L. Castle) 25.077
 Caecoma Fumariae (Bubák) 23.394
 Calamagrostis lanceolata (A. Camus) 24.374
 Calendario florale Firenze (Caruel) 24.942
 Calice du Lundia Damazii (C. DC.) 24.549
 Californian liverworts (Campb.) 24.275
 Calobryum Blumei (Campb.) 24.259
 Calques fl. Mexique (see Candolle, A.L.P.P. de)
 Cambiamenti nelle flora della Toscana (Caruel) 24.930
 Cambuci (Campos-Porto) 24.283
 Campanulacées du pays d'Angola (A.DC.) 24.471
Canadian mosses exsicc. (see Brinkman, A.H.)

- CANDOLLEA (*see* Briquet, J.I.)
 Caract. dissym. Méliac. (Briq.) 22.964
 Caractère de la Batae (A.DC.) 24.490
 Caractères de chute dans les Graminées (A. Camus) 24.376
 Caractères de la dissymétrie chez les Méliacées (Briq.) 22.964
 Caractères généraux et distinctifs (A.DC.) 24.481
 Caractères *Gentiana verna* (Calloni) 24.141
 Caractères *Pseudovossia* (A. Camus) 24.305
 Caractères végétation d'une contrée (A.DC.) 24.461
 Carbohydrat content of the seed of *Asparagus officinalis* (Coke) 24.104
Carduus crispo-nutans (Brenner) 22.776
 Carices North. U.S. (J. Carey) 24.818
 Carices Northern United States (J. Carey) 24.818
Carlinas Cataluña (Cadevall) 24.040
 Carpologie comparée *Microsciadium* et *Ridolfia* (Briq.) 22.948
 Carpologie du genre *Crupina* (Briq.) 22.963
 Carta A. Cavanilles (Cav.) 25.123
 Cas de polyembryonie chez le *Triglochin palustre* (Buchet) 23.526
 Cas fasciation chez un sapin (C. DC.) 24.514
Castanopsis nouveaux (A. Camus) 24.338
 Catal. fl. New Jersey (Britton) 23.006
 Catal. pl. phan. Dépt. Marne (Briss.) 22.969
 Catalogo de las Pteridofitas Argentinas (Capurro) 24.712
 Catalogo de los generos de las plantas vasculares de la Flora argentina, Pteridophyta (*see* Castellanos, A.)
Catálogo muscineas Barcelona (Cas.-Gil) 24.995
 Catalogo piante giardino Cattaneo (Cattaneo) 25.105
 Catalogue contenant plus beaux *Dahlia* (DC.) 24.651
 Catalogue de l'Herbier d'Émile Burnat (*see* Burnat, É.)
 Catalogue de la flore du Massif de l'Aigoual (Braun-Blanq.) 22.673
 Catalogue des arbres fruitiers et des vignes du Jardin botanique (DC.) 24.630
 Catalogue des *Festuca* des Alpes maritimes (Burnat) 23.814
 Catalogue des Mousses et des Hépatiques de Stenay et de Montmédy (Cardot) 24.738
 Catalogue des plantes d'Anvers (Broeck) 23.097
 Catalogue des plantes de l'Oberland Bernois (J.P. Br.) 23.222
 Catalogue des plantes phanérogames du Département de la Marne (Briss.) 22.969
 Catalogue des plantes spontanées qui ont été jusqu'ici trouvées dans les îles Canaries (*see* Buch, C.L. von)
 Catalogue des plantes toxiques du Brésil (Caminhoá) 24.165
 Catalogue des plantes vasculaires de l'Aveyron (A. Bras) 22.578
 Catalogue flora New Jersey (Britton) 23.006
 Catalogue of Illinois plants (*see* Brendel, F.)
 Catalogue of Lichens (Calk.) 24.121
 Catalogue of plants in the Royal botanical Gardens Mauritius (Cantley) 24.687
 Catalogue of the African plants collected by F. Welwitsch (*see* Carruthers, W.)
 Catalogue of the plants of San Francisco (K. Brandegee) 22.529
 Catalogue raisonné Ardennes (*see* Callay, E.)
 Catalogue raisonné des Hieracium des Alpes maritimes (Burnat) 23.816
Catalogus geographicus plantarum Africae australis extratropicae (*see* Burchell, W.J.)
Catalogus stirpium (Capelli) 24.693
 Cat. *Festuca* Alp. marit. (Burnat) 23.814
 Cat. fl. Aigoual (Braun-Blanq.) 22.673
 Cat. Fl. valais. (*see* 22.908)
 Cat. giard. Cattaneo (Cattaneo) 25.105
 Cat. Hierac. Alp. mar. (Burnat) 23.816
 Cat. Mouss. Hép. Stenay (Cardot) 24.738
 Cat. pl. bot. Gard. Mauritius (Cantley) 24.687
 Cat. pl. Marseille (*see* Castagne, J.)
 Cat. pl. Oberland (J.P. Br.) 23.222
 Cat. pl. tox. Brésil (Caminhoá) 24.165
 Cat. pl. vasc. Aveyron (A. Bras) 22.578
 Cat. pl. vasc. Drôme (*see* Breistroffer, M. [A.F.])
 Cat. pl. vasc. Montmédy (*see* Cardot, J.)
 Cat. stirp. (Capelli) 24.693
 Causes limitent les espèces du côté du Nord (A. DC.) 24.457
Cenangium molliusculum (E.K. Cash) 25.005
 Cenni fl. Bagni Casciani (Caruel) 24.957
 Cenni sulla flora dei bagni di Casciana (Caruel) 24.957
 Census Ind. moss. (Bruehl) 23.301
 Census of Indian mosses (Bruehl) 23.301
 Centenario del R. Orto botanico della Università di Napoli (Cavara) 25.167
 Cent. Orto bot. Univ. Napoli (Cavara) 25.167
 Central American mosses (E. Britton) 22.992
 Centralalpenflora Osträtiens (*see* 23.294)
 Century of new and rare Indian plants (*see* Bruehl, P.J.)

- Cephalaria Schulzei (A. Camus) 24.306
 Cephalostachyum Madagascar (A. Camus) 24.322
 Cerastium arvense (Britton) 23.009
 Ceratoskumella Ulmi (Buisman) 23.617
 Cereal Rusts of the United States (Carleton) 24.832
 Cereal Rusts U.S (Carleton) 24.832
 Certain floristic affinities of trees and shrubs of the Great Smoky Mountains (S.A. Cain) 24.049
 Cévennes mérid. (Braun-Blanq.) 22.653
 Cévennes méridionales (Braun-Blanq.) 22.653
 Champignons parasites nouveaux (Cavara) 25.132
 Champignons récoltés en Normandie (A. Breton) 22.848
 Chancre des arbres (Brzez.) 23.387
 Chapters on the history of botany in India (see Burkill, I.H.)
 Characeae aus Columbien (A. Braun) 22.593
 Characeen Europas (see Braun, A.[C.H.])
 Chautauqua fl. (E.S. Burgess) 23.722
 Chautauqua flora (E.S. Burgess) 23.722
 Check-list flowering plants Transvaal and Swaziland (Burt Davy) 23.897
 Chemotaxis der Lycopodium-Spermatozoiden (Bruchm.) 23.283
 Chênaie d'Yeuse (Braun-Blanq.) 22.676
 Chevalierella (A. Camus) 24.357
 Chicago (Calk) 24.123
 Chinese mustards Malay Peninsula (Burkill) 23.790
 Chromosome linkage and syndesis in Oenothera (Catcheside) 25.097
 Chromosome numbers in the Hydrophyllaceae (see Cave, M.E.)
 Chromosomes and relationship of Crepis Syriaca (D.R. Cameron) 24.162
 Chromosomes of the California Liliaceae (see Cave, M.E.)
 Chronologische Uebersicht der Vegetations-Perioden (see 23.130)
 Chroolepus subsimplex (Casp.) 25.041
 Chrysanthemum (Burb.) 23.643
 Cicadacee fossili (Caruel) 24.940
 Cinchona-Kultur auf Java (Busse) 23.966
 Cinco géneros nuevos (Cav.) 25.124
 Cinnamomum-Arten von Niederländisch-Ostindien (Cammerloher) 24.179
 Ciperacea nuova (Cavara) 25.147
 Circumnutación en Medicago (Cadevall) 24.038
 Circumnutat. Medicago (Cadevall) 24.038
 Citric acid as a source of carbon for certain Citrus-destroying fungi (A.F. Camp) 24.188
 Civ. nat. hist. Jamaica (see Browne, P.)
 Classification des Bambusées (A. Camus) 24.372
 Classification des fruits (Caruel) 24.984
 Classification distribution végétaux fossiles (Brongn.) 23.112
 Classification du règne végétal (Briss.) 22.968
 Classification of the Liverworts (Campb.) 24.245
 Classification of tropical woody vegetation-types (Burt Davy) 23.914
 Classif. régn. vég. (Briss.) 22.968
 Clavis emendata Marsilearum et Pilularium (see 22.614)
 Clematis campaniflora (Cavara) 25.160
 Clés des Mucorinées (see Buchet, S.)
 Code bot. nom. (Britton) 23.024
 Code of botanical nomenclature (Britton) 23.024
 Coelachyrum (A. Camus) 24.353
 Coelachyrum oligobrachiatum (A. Camus) 24.380
 Col. arom. flor. (Cadevall) 24.037
 Coll. bryol. Cholet (F. Camus) 24.401
 Collectae, Petropoli (see Brotherus, V.F.)
 Collecting fleshy fungi (Burt) 23.877
 Collecting liverworts in Hawaii (Campb.) 24.266
 Collecting liverworts in Java (Campb.) 24.234
 Collection de Mémoires (see 24.662, 24.663)
 Collections bryologiques Cholet (F. Camus) 24.401
 Collections de botanique fossile du Muséum d'Histoire naturelle (see Bureau, L.É.)
 Collections du Tonkin (Bureau) 23.685
 Collections Mount Roraima (Burkill) 23.750
 Colonial contribution to our knowledge of Lycopodium (I. Browne) 23.261
 Colonies végétales xérothermiques (Briq.) 22.926
 Colores y aromas florales (Cadevall) 24.037
 Colouring matter of the Red Sea (H.J. Carter) 24.904
 Combretum butyrosium (Caruel) 24.920
 Commentarium inservituum historiae Pisani virete botanici academici (Calvi) 24.153
 Comment. hist. Pisani bot. acad. (Calvi) 24.153
 Common forest trees Arkansas (J. Buchholz) 23.529
 Common trees Arkans. (J. Buchholz) 23.529
 Comparative study of the Alga flora of two salt marshes (N. Carter) 24.914

- Comp. argent. nuevas (Cabrera) 24.022
 Comp. austroamer. nuevas (Cabrera) 24.024
 Comp. bonaer. (Cabrera) 24.031
 Comp. Nahuel Huapí (Cabrera) 24.026
 Comp. nuevas Rep. Argent. (Cabrera) 24.012
 Compuestas argentinas nuevas (Cabrera) 24.022
 Compuestas austroamericanas nuevas (Cabrera) 24.024
 Compuestas bonaerenses (Cabrera) 24.031
 Compuestas chilenas (Cabrera) 24.019
 Compuestas del Parque nacional del Nahuel Huapí (Cabrera) 24.026
 Compuestas nuevas Republica Argentina (Cabrera) 24.012
 Compuestas Platenses (Cabrera) 24.009
 Concepts in mycology (Brierley) 22.865
 Confusion de quatre Tamariniers (Capitaine) 24.698
 Congo-Expedition (*see* Büttner, O.A.R.)
 Congrès international de botanique Vienne (Briq.) 22.941
 Congr. int. bot. Vienne (Briq.) 22.941
 Coniferous fruits (Carruthers) 24.882
 Conjectures sur le nombre total des espèces (DC.) 24.626
 Connaissance flore de Normandie (Bugnon) 23.595
 Conservation de feuilles et de fruits verts (A.DC.) 24.488
 Conservation des herbiers (Cavill.) 25.181
 Consid. Diatom. (*see* Brébisson, [L.] A. de)
 Considérations générales sur la nature de la végétation (Brongn.) 23.119
 Considérations sur la flore de la Nouvelle-Calédonie (Brongn.) 23.136
 Considérations sur la nature des végétaux (Brongn.) 23.125
 Considérations sur la phyllotaxie (C. DC.) 24.509
 Considérations sur la phytologie (DC.) 24.643
 Consid. nat. végét. (Brongn.) 23.125
 Conspectus florae angolensis (*see* Carrisso, L.W.)
 Conspectus systematicus Characearum europearum (A. Braun) 22.608
 Conspectus systematicus Hydrillearum (Casp.) 25.015
 Conspectus systematicus specierum generis *Silenes* (A. Braun) 22.606
 Consp. syst. Charac. eur. (A. Braun) 22.608
 Consp. syst. *Silenes* (A. Braun) 22.606
 Constitution dans le règne végétal de groupes physiologiques applicables à la géographie botanique (A.DC.) 24.478
 Contr. bryol. Argent. (Broth.) 23.189
 Contr. bryol. fl. N.-W. Himal. (Broth.) 23.164
 Contr. bryol. fl. Philipp. (Broth.) 23.172
 Contr. bryol. fl. S. India (Broth.) 23.165
 Contr. Étude fl. Afr. Nord (*see* 22.661)
 Contr. fl. Bahama Isl. (Britton) 23.027
 Contr. Fl. Bolivia (Buchtien) 23.550
 Contr. fl. bryol. Brésil (Broth.) 23.157
 Contr. fl. bryol. N. Caléd. (Broth.) 23.177
 Contribuição para a Flora Fluminense (Campos-Porto) 24.284
 Contribuição Pteridophyta da Serra de Batunité (Brade) 22.498
 Contribucion Cactaceas de Mexico (Bravo) 22.685
 Contribuciones Flora de Bolivia (Buchtien) 23.550
 Contribution à l'étude du genre *Alchimilla* (C. DC.) 24.521
 Contribution à l'étude du genre *Pavetta* (Bremek.) 22.750
 Contribution à la flore bryologique de la Nouvelle Calédonie (Broth.) 23.177
 Contribution *Gentiana victorinii* (*see* 23.342)
 Contributions à l'étude de la flore des Indes Néerlandaises (*see* Cammerloher, H.)
 Contributions à l'étude de la flore Marocaine (Braun-Blanq.) 22.661
 Contributions à la connaissance des Campanulacées (Buser) 23.929
 Contributions à la flore bryologique de Belgique (Cardot) 24.749
 Contributions à la flore bryologique du Brésil (Broth.) 23.157
 Contributions à la flore de l'archipel malais (Burck) 23.662
 Contributions à la flore du Paraguay, Piperacées (C. DC.) 24.522
 Contributions à la flore mycologique de l'île de St. Thomé (Bres.) 22.830
 Contributions biology Hepaticae (Cavers) 25.177
 Contributions bryologique de l'Argentine (Broth.) 23.189
 Contributions fern-flora of Borneo (Burck) 23.652
 Contributions flore Paraguay (*see* 22.918)
 Contributions knowledge Transvaal Iridaceae (N.E. Br.) 23.227
 Contributions to American bryology (E. Britton) 22.977
 Contributions to British lichenology (Carroll) 24.876

- Contributions to Irish lichenology (Carroll) 24.875
- Contributions to the bryological flora of Southern India (Broth.) 23.165
- Contributions to the bryological flora of the North-Western Himalaya (Broth.) 23.164
- Contributions to the bryological flora of the Philippines (Broth.) 23.172
- Contributions to the flora of the Bahama Islands (Britton) 23.027
- Contributo alla conoscenza dei funghi pomicoli (*see* 25.137)
- Contributo alla flora epaticologica dell'Italia mediterranea (Cappelletti) 24.708
- Contributo alla flora epaticologica Piemontese (Cappelletti) 24.705
- Contributo allo Cannabinee (Briosi) 22.884
- Contribuzione alla micologia Lombarda (Cavara) 25.139
- Cool Orch. (Burb.) 23.640
- Cool Orchids (Burb.) 23.640
- Coperto di neve sullo Scilla bifolia (Cavara) 25.158
- Coptis (Burkill) 23.769
- Corchorus capsularis var. oocarpus (Burkill) 23.774
- Cordia e Tournefortia (Brade) 22.493
- Corethrogyne Southern California (M.L. Canby) 24.441
- Cornaceae Marquesas (F. Br.) 23.216
- Corpo dei fiori del Buxus (Cavara) 25.140
- Corsa botanica nel Friuli (Caruel) 24.982
- Cotylédon Ombellifères monocotylédones (Bugnon) 23.607
- Coup d'œil sur la flore bryologique du Mexique (Cardot) 24.801
- Coup d'œil sur la Flore des îles Canaries (*see* Buch, C.L. von)
- Coup d'œil sur la végétation de la Basse-Normandie (Bréb.) 22.694
- Cousinia (Bunge) 23.629
- Cracca (Britten) 22.974
- Critère différentiel des bractées involucreales des Composées (Briq.) 22.953
- Criticism on Renauld and Carnot (E. Britton) 22.981
- Criticisms on Renauld and Cardot (*see* Cardot, J.)
- Croisière océanographique de la Belgica (*see* Branth, J.S.D.)
- Cryphaea Lamyana (F. Camus) 24.407
- Cryphaeadelphus (Cardot) 24.774
- Cryptogamic forests (Carruthers) 24.886
- Cryptogamicas das Ilhas de Cabo-Verde (Cardoso Jr.) 24.737
- Cuatro esp. nuev. Nassauvia (Cabrera) 24.025
- Cuatro especies nuevas Nassauvia (Cabrera) 24.025
- Cultivated plants (Burb.) 23.641
- Cultivated potato (Cathcart) 25.101
- Cult. pl. (Burb.) 23.641
- Culturpflanzen (A.DC.) 24.489
- Cupressus dupreziana (A. Camus) 24.320
- Cuscuta della sezione Clistogrammica (Campanile) 24.201
- Cuscute (Campanile) 24.195
- Cypripedium ou Cypripedium (Buser) 23.930
- Cytological studies in Primula (Bruun) 23.365
- Cytology of the genus Primula (*see* 23.365)
- Cytol. stud. Primula (Bruun) 23.365
- Dacrymycetaceae (Brasf.) 22.580
- Danske Arter of Slaegten Merulius (N.F. Buchw.) 23.553
- Danske Art. Merulius (N.F. Buchw.) 23.553
- Danske Scleroderma-Arter (N.F. Buchw.) 23.554
- Danthoniopsis nouveau (A. Camus) 24.365
- Darwin and botany (Britton) 23.038
- Darwin's Kreuzungsgesetz (Burck) 23.669
- Darwin's wet (Burck) 23.670
- Das plantas toxicas do Brasil (*see* 24.165)
- Datos botánicos del territorio de Ifni (Caball.) 24.001
- Datos viaje botánico Standley (S. Calderon) 24.109
- Datos viaje bot. Standley (S. Calderon) 24.109
- De Abietinearum floris (Casp.) 25.021
- De animalium et plantarum analogia (Carena) 24.816
- De Belgii plantis (*see* Caels, T.P.)
- De Bryinearum in Norvegia (Bryhn) 23.370
- De Euphorbiacearum generibus (*see* 24.035)
- De Euphorbiae helioscopiae (J.W. Budde) 23.559
- De formis plantarum leguminosarum (Bronn) 23.144
- De la structure des valves des Diatomacées (Bréb.) 22.698
- De Nectariis (Casp.) 25.011
- De paras. quibusd. (E.F.W. Brandt) 22.554
- De Ranunculaceis Indicis disputationes (*see* Bruehl, P.J.)
- De relatione methodi plantarum naturalis in vires vegetabilium medicalis (*see* Bunge, A.[G.] A.)
- Decapitalization of epithets (Burt Davy) 23.911

- Decaryella (A. Camus) 24.349
 Decas specierum novarum (Brand) 22.525
 Decas specierum novarum nona (Brand) 22.526
 Deciduous forests of Eastern North America (see Braun, [E.] L.)
 Dedalee (F. Brig.) 22.870
 Deductive and inductive methods in post-linnaean taxonomy (see Cain, S.A.)
 Dégénérescences ou Métamorphoses (DC.) 24.652
 Déhiscence des calices capsulaires chez les Capparidacées (Briq.) 22.945
 Delectus seminum horto botanico Dorpatensi 1837 (see Bunge, A.[G.] A.)
 Delle regioni botaniche in Italia (Caruel) 24.991
 Dendrobium gracilipes (Burkill) 23.783
 Dendrocalamus birmanicus (A. Camus) 24.355
 Dendrologische Wanderungen auf den Kanarischen Inseln (see Burchard, O.)
 Depositi marini di Diatomee (Castracane) 25.088
 Deriv. flora Hawaii (Campb.) 24.258
 Derivation of the flora of Hawaii (Campb.) 24.258
 Descr. bot. Barletta (Bruni) 23.344
 Descr. géogr. agron. Tarn (Caraven-Cachin) 24.732
 Descripción de las plantas 1801-1802 (see Cavanilles, A.J.)
 Descripción género Bonplandia (Cav.) 25.128
 Descriptio muscorum duorum Norvegicorum (Bryhn) 23.374
 Description Becquerelia et Pleurostachys (Brongn.) 23.122
 Description d'un nouveau genre de Graminées du Brésil (Brongn.) 23.132
 Description d'une nouvelle espèce de Figuier (DC.) 24.665
 Description de deux nouveaux genres d'algues fluviatiles (Bréb.) 22.695
 Description de quelques nouvelles Diatomées (Bréb.) 22.697
 Description de quelques plantes de la Nouvelle-Calédonie (Brongn.) 23.138
 Description des Mélanconiées de Saintes (Brunaud) 23.324
 Description des Périsporiacées de Saintes (Brunaud) 23.326
 Description du Chaillietia (DC.) 24.621
 Description female flower and fruit of Rafflesia Arnoldi (see 23.237)
 Description géographique agronomique Tarn (Caraven-Cachin) 24.732
 Description of Tertiary Plant-remains from Bracklesham and Worthing, Sussex (see Carruthers, W.)
 Description of three new Carices (J. Carey) 24.819
 Descriptions des Ascomycètes (Elaphomycètes, Tubéracées, Onygnées) de Saintes (Brunaud) 23.327
 Descriptions des Myxomycètes de Saintes (Brunaud) 23.329
 Descriptions des Orchidées dans les environs de Falaise (Bréb.) 22.693
 Descriptions des Phycomycètes de Saintes (Brunaud) 23.328
 Descriptions des Trémellinées de Saintes (Brunaud) 23.325
 Descriptions des Urédinées de Saintes (Brunaud) 23.331
 Descriptions des Ustilaginées de Saintes (Brunaud) 23.330
 Descriptions of Cuban plants new to science (Britton) 23.057
 Descriptions of new species of Hawaiian plants (see 24.576)
 Descriptions of Oaks from North-West America (R. Br.) 23.239
 Descrizione botanica delle Campagne di Barletta (Bruni) 23.344
 Desmoncus (Burret) 23.864
 Desmotrichum undulatum (Bursa) 23.874
 Deutsche Südpolar-Expedition (see Brotherrus, V.F.)
 Deutsche Wald (Büsgen) 23.583
 Deutschlands wilde Rosen (Braeucker) 22.502
 Deut. wild. Rosen (Braeucker) 22.502
 Deut. Wald (Büsgen) 23.583 (Büsgen) 23.583
 Deux formes hybrides Orchis (Calloni) 24.142
 Deux genres nouveaux de la région magellanique (Cardot) 24.800
 Deux genres nouveaux de Mousses acrocarpes (Cardot) 24.780
 Deux mousses nouvelles (Cardot) 24.745
 Deux notes sur l'Agrostis rubra et le Calamagrostis tenella (Briq.) 22.924
 Deux nouvelles espèces de champignons (Brond.) 23.108
 Deux Peperomia (C. DC.) 24.554
 Deux. exp. antarct. franç. (see 24.809)
 Deuxième expédition antarctique française, Mousses (Cardot) 24.809
 Development Azolla (Campb.) 24.209

- Development flower *Lilaea subulata* (Campb.) 24.216
- Development *Marattia Douglasii* (Campb.) 24.210
- Development of *Pilularia globulifera* (Campb.) 24.204
- Development of the Ostrich fern (Campb.) 24.203
- Development of the sporophyte in *Anthoceros* (Campb.) 24.263
- Development of the vegetation of New York State (W.L. Bray) 22.690
- Développement des flores dans les Alpes occidentales (Briq.) 22.940
- Développement glandes (Calloni) 24.143
- Devel. veg. N.Y. State (W.L. Bray) 22.690
- Di una nuova specie di Uredinea (Bres.) 22.837
- Diagnosen neuer Arten (C. DC.) 24.534
- Diagnosen neuer Pflanzen aus Süd-Brasilien (Buxb.) 23.992
- Diagnoses formarum novarum generis *Alnus* (Callier) 24.132
- Diagnoses Mousses du Congo belge (Cardot) 24.795
- Diagnoses Mousses mexicaines (Cardot) 24.797
- Diatom. Jan Mayen (Brun) 23.323
- Diatom. Alpes (*see* Brun, J.)
- Diatome del Lago di Como (Castracane) 25.087
- Diatomee e la Geologia (Castracane) 25.082
- Diatomeen im marinen Quartär Hollands (C. Brockmann) 23.076
- Diatomées (Brun) 23.321
- Diatomées d'eau douce de l'île Jan Mayen (Brun) 23.323
- Diatomées du Lac Léman (Brun) 23.322
- Dict. class. hist. nat. (*see* 24.641, 24.643)
- Dict. econ. prod. Malay Penins. (Burkill) 23.794
- Dictionary of the economic products of the Malay Peninsula (Burkill) 23.794
- Dictionnaire de Botanique (*see* Bureau, L.É.)
- Dictionnaire des sciences naturelles (*see* 23.114, 24.632)
- Dictyostelium mucoroides (Bref.) 22.704
- Didymodon subalpinus (Cardot) 24.750
- Didymocium (Bremek.) 22.741
- Digitaria malgaches (A. Camus) 24.323
- Dijmphna-Togtets zool.-bot. Utbytte (*see* 22.574)
- Dionysia (Bunge) 23.632
- Diosc. argent. (Castillon) 25.073
- Dioscorea in the Belgian Congo (Burkill) 23.797
- Dioscoreaceae argentinas (Castillon) 25.073
- Dioscoreae Elmer. (Burkill) 23.775
- Dioscoreae Elmerianae (Burkill) 23.775
- Dioscorearum (Burkill) 23.766
- Dipterocarpaceae und ihre geographische Verbreitung (Brandis) 22.547
- Diptérocarpées Indes Néerlandaises (Burck) 23.654
- Discomycetes from Panama and Colombia (E.K. Cash) 25.004
- Discovery of *Harpanthus Flotovianus* in Scotland (*see* 24.871)
- Diseas. *Sclerospora* gram. (E.J. Butler) 23.977
- Diseminación hidrófila *Mimosa* (Burkart) 23.734
- Disseccamento dei grappoli (Cavara) 25.134
- Dissertatio inauguralis de Gramine mannae (Bruz) 23.366
- Dissertatio inauguralis medica de Anagallide (C.L. Bruch) 23.275
- Dissertation sur le Papyrus (A.C.P. Caylus, Sr.) 25.186
- Dissertations sur les Euphorbiacées (Cadet de Gass.) 24.035
- Diss. Gram. mannae (Bruz) 23.366
- Diss. inaug. Anagall. (C.L. Bruch) 23.275
- Diss. Papyrus (A.C.P. Caylus, Sr.) 25.186
- Dissymétrie foliaire hétérogène chez les Ombellifères (Briq.) 22.955
- Distinzione diatomee marine (Castracane) 25.084
- Distortion of the achenium in *Carex* (J. Carey) 24.821
- Distr. adapt. Veg. Texas (W.L. Bray) 22.689
- Distrib. pl. chaîne Alp. (A.DC.) 24.482
- Distribución *Trithrinax campestris* (Castellanos) 25.055
- Distribution and adaptation of the vegetation of Texas (W.L. Bray) 22.689
- Distribution géographique des plantes alimentaires (A.DC.) 24.448
- Distribution géographique *Peperomia* (C. DC.) 24.567
- Distribution *Salix* South Africa (Burt Davy) 23.900
- Distribuzione geografica di piante (Caruel) 24.977
- Divers. var. entium organ. (Brongn.) 23.117
- Divisiones plantarum a T. Caruel propositae (Caruel) 24.956
- Dizionarietto botanico piacentino-latino (*see* 22.489)

- Documents flore de France (E.G. Camus) 24.395
- Documents pour la flore bryologique des Alpes-Maritimes (F. Camus) 24.425
- Dorsiventrale Bau des Grashalmes (Bremek.) 22.727
- Dr. Grays arrangement of the Hepaticae (*see* Carrington, B.)
- Dr. M. Bach's Flora der Rheinprovinz (*see* Caspari, P.)
- Dritter Beitrag zur Pilzflora von Mähren (Bubák) 23.397
- Drug Astukhudus (Burkill) 23.768
- Ducrosia anethifolia (Burkill) 23.764
- Due Felci esotriche (Calloni) 24.139
- Due Graminacee (Carano) 24.728
- DUNALIA (*see* Bubani, P.)
- Early European researches into the flora of China (Bretschn.) 22.851
- East Indian Hepaticae (Campb.) 24.257
- Eccoilopus (A. Camus) 24.310
- Echeveria carnicolor (*see* 23.039)
- Ecological studies of vegetation of the Great Smoky Mountains (*see* 24.049)
- Ecological study of the flora of Mount Wilson (Brough) 23.203
- Ecological work Smoky Mountains (S.A. Cain) 24.052
- Eenige bedenkingen tegen de theorie van Weismann (Burck) 23.657
- Eigenschaften der Keimlinge parasitischer Pilze (Büsgen) 23.581
- Einfluss des Aussenmediums auf den Turgordruck einiger Algen (*see* Buchheim, A.[N.]
- Einfluss des Klimacharakters auf die Verbreitung der Pflanzen (Brockm.-Jer.) 23.084
- Einheitl. bot. Kunstausdr. (Buchenau) 23.511
- Einheitlichkeit der botanischen Kunstausdrücke (Buchenau) 23.511
- Einige aussereuropäische Pilze (Bubák) 23.399
- Einige Ergebnisse meiner Reise in Westafrika (*see* Büttner, O.A.R.)
- Einige fossile Hölzer Preussens (Casp.) 25.047
- Einige neue Pilze (Bubák) 23.434
- Einige neue Pilze aus Nord America (Bubák) 23.417
- Einige neue Uromyces-Arten (Bubák) 23.403
- Einige Pelorien (Casp.) 25.019
- Einteil. Pfl.-Ges. (Brockm.-Jer.) 23.083
- Einteilung Pflanzengesellschaften (Brockm.-Jer.) 23.083
- Einwanderungswege der Pflanzenarten nach Finnland (Cajander) 24.095
- Einwand.-wege Pfl.-arten Finnland (Cajander) 24.095
- Eiszeit Erde (A. Braun) 22.615
- El Monte (Castellanos) 25.064
- Elaeocarpus Barnardii (Burkill) 23.779
- Elem. Bot. (Caminhoá) 24.164
- Elementos de Botanica (Caminhoá) 24.164
- Elements of structural and systematic botany (Campb.) 24.207
- Elem. struct. syst. bot. (Campb.) 24.207
- Élichryses stoechadinés (Briq.) 22.951
- Embryo and young sporophyte of Angiopteris and Kaulfussia (Campb.) 24.238
- Embryo of Equisetum debile (Campb.) 24.268
- Embryo sac of Angiosperms (Campb.) 24.223
- Embryo sac of Epipactis (W.H. Br.) 23.247
- Embryo sac of Habenaria (W.H. Br.) 23.245
- Embryo-sac of Pandanus 1909 (Campb.) 24.236
- Embryo-sac of Pandanus 1911 (Campb.) 24.241
- Embryo-sac of Peperomia (Campb.) 24.222
- Embryo-sac Pandanus coronatus (Campb.) 24.239
- Embryologie der Selaginellaceen (Bruchm.) 23.287
- Émergences et trichomes des Crupina (Briq.) 22.962
- Émile Burnat (*see* Cavillier, F.)
- Empfindungsvermögen der Wurzelspitze (Burgerstein) 23.709
- En memoria de Arturo E. Burkart (*see* Burkart, A.E.)
- Enciclopedia argentina de agricultura y jardinería (*see* Burkart, A.E.)
- Encyclopaedia of ornamental plants (Burnett) 23.824
- Encyclopédie méthodique Botanique (*see* Candolle, A.P. de)
- En cycl. orn. pl. (Burnett) 23.824
- Endemismi et esodemismi nella flora Italiana (Buscal.) 23.920
- Engelhardtia Oreanunoa (C. DC.) 24.580
- English botany (*see* Brown, N.E.)
- Enseign. agric. for. France (Caquet) 24.720
- Enseignement agricole et forestier en France (Caquet) 24.720
- Entwickl.-Gesetze (Bronn) 23.146
- Entwicklung der Choïromyces-Fruchtkörper (Buchholz) 23.543
- Entwicklung der Phycomycetensporangien (Büsgen) 23.579

- Entwicklung des Keimes artikuler Selaginellen (Bruchm.) 23.289
- Entwicklung organischer Schöpfung (*see* 23.145)
- Entwicklungs-Gesetze (Bronn) 23.146
- Entwicklungsgeschichte der Basidiomyceten (Bref.) 22.709
- Entwicklungsgeschichte der *Empusa radicans* (*see* 22.705)
- Entwicklungsgeschichte der europäischen Moore (Cajander) 24.091
- Entwicklungsgeschichte der nordfinnischen Moore (Cajander) 24.090
- Entwicklungsgeschichte der Tuberales (Buchholz) 23.534
- Entwicklungsgeschichte des Balsamiaceen-Fruchtkörpers (Buchholz) 23.547
- Entwicklungsgeschichte des *Prothallium* von *Equisetum* (Buchtien) 23.549
- Entwicklungsgeschichte Pistills (Buchenau) 23.484
- Entwicklungslinien der Lilioideae (Buxb.) 23.997
- Entw. Phycomyc.-Spor. (Büsgen) 23.579
- Entw.-Gesch. nordfinn. Moore (Cajander) 24.090
- Entw.-Gesch. Pistills (Buchenau) 23.484
- Enumeração de plantas colhidas nas ilhas de Cabo-Verde (Cardoso Jr.) 24.736
- Enumeración de las plantas herborizadas en el rif (Caball.) 23.999
- Enumeración Muscineas de la Península Ibérica (Cas.-Gil) 24.999
- Enumerantur musci, qvos in valle Norvegiae Saetersdalen (Bryhn) 23.375
- Enumeratio muscorum Caucasi (Broth.) 23.159
- Enumeratio Plantaginearum Salsolacearum-que centrasiaticarum (Bunge) 23.637
- Enumeratio plantarum in agro baruletana provenientium (*see* 23.344)
- Énumération des genres de plantes (Brongn.) 23.126
- Énumération des Mousses en Algérie (Cardot) 24.777
- Enumeration of the Dipterocarpaceae (*see* 22.547)
- Enumeration of the plants collected by Dr. Thomas Morong in Paraguay (*see* Britton, N.L.)
- Enumeration of the plants collected by Dr. Timothy E. Wilcox (Britton) 23.021
- Enumeration of the plants collected by M.E. Penard (Britton) 23.022
- Enumeration Paramignya, Atalantia, and Citrus, found in Malaya (Burkill) 23.791
- Énumération plantes du Brésil méridional (Briq.) 22.922
- Enumerazione funghi Valesia (Ant. Carrestia) 24.817; *see* Bresàdola, G.
- Énum. genr. pl. (Brongn.) 23.126
- Enum. musc. Cauc. (Broth.) 23.159
- Enum. Musc. Penins. Ibér. (Cas.-Gil) 24.999
- Enum. musci Saetersd. (Bryhn) 23.375
- Ephemeropsis tjibodensis (Cardot) 24.767
- Epiphyllum (Britton) 23.047
- Erbliche Knollen- und Laubsprossenbildung (Casp.) 25.040
- Erborista italiano (Caruel) 24.979
- Erborista tosc. (Caruel) 24.948
- Erborista toscano (Caruel) 24.948
- Erbor. ital. (Caruel) 24.979
- Erborizzazioni Valle di Gressoney (Briosi) 22.885
- Ergebnisse der botanischen Expedition nach Südbrasilien (*see* 23.194)
- Ergebnisse einer botanischen Forschungsreise nach Deutsch-Ostafrika und Südafrika (*see* Brotherus, V.F., Brunnthaler, J.)
- Ergebnisse Reise nach Togo und Kamerun (Busse) 23.963
- Erianthus malgaches (A. Camus) 24.319
- Erigeron pusillus (Britton) 23.049
- Erophila-former i Finland (Brenner) 22.787
- Erythrocarpa Taraxacum-former i Finland (Brenner) 22.792
- Erythropis colorata Burkill comb. nov. (*see* 23.793)
- Escursione botanica nell'Amazzonia (Buscal.) 23.915
- Escursione botanica Sardegna (Cavara) 25.162
- Esfagn. Penins. Ibér. (Cas.-Gil) 25.000
- Esfagnos de la Península Ibérica (Cas.-Gil) 25.000
- Esp. argent. Haplopappus (Cabrera) 24.015
- Esp. Argent. Trixis (Cabrera) 24.018
- Espèce nouvelle Bambou (A. Camus) 24.300
- Espèces Agropyrum, Cenchrus et Tristachya (A. Camus) 24.361
- Espèces Dineria malgaches (A. Camus) 24.317
- Espèces douteuses ou citées par erreur dans le Département des Ardennes (*see* Callay, E.)
- Espèces et variétés de riz de l'Indochine (A. Camus) 24.287

- Espèces nouvelles de chênes (A. Camus) 24.358
- Espèces nouvelles de l'Herbier Delessert (Briq.) 22.929
- Espèces nouvelles des genres *Stipa*, *Cenchrus* et *Digitaria* (A. Camus) 24.366
- Espèces nouvelles du *Brittonastrum* (Briq.) 22.934
- Espèces nouvelles *Thesium* (A. DC.) 24.464
- Especies novas Rio de Janeiro (Brade) 22.494
- Especies Argentinas *Tessaria* (Cabrera) 24.027
- Especies argentinas del *Haplopappus* (Cabrera) 24.015
- Especies argentinas del género *Centrosema* (Burkart) 23.740
- Especies argentinas y uruguayas *Caesalpinia* (Burkart) 23.736
- Especies Argentinas y Uruguayes del *Trixis* (Cabrera) 24.018
- Esperimento sull' assorbimento dell' acqua per le foglie (Caruel) 24.954
- Esplorazioni botaniche *Basilicata* (Cavara) 25.166
- Esp. nouv. *Thesium* (A. DC.) 24.464
- Esp. var. riz Indochine (A. Camus) 24.287
- Essai classif. champignons (Brongn.) 23.114
- Essai d'une bibliographie botanique de l'Argentine (*see* 25.052)
- Essai d'une classification naturelle des champignons (Brongn.) 23.114
- Essai élémentaire de géographie botanique (DC.) 24.629
- Essai *Pleospora* (A. Breton) 22.847
- Essai sur la disposition générale des feuilles rectisériées (L. Bravais) 22.682
- Est. planct. costa portug. (Carrisso) 24.874
- Estudios *Prosopis* (Burkart) 23.741
- Estudo do plancton na costa portuguesa (Carrisso) 24.874
- État actuel de la botanique générale (DC.) 24.645
- État actuel des études sur la végétation des colonies françaises (*see* Bureau, L.É.)
- Eterofilia nell' *Eucalyptus globulus* (Brioso) 22.882
- Ethnobiological studies in the American Southwest (Castetter) 25.070
- Etna e la sua vegetazione (Buscal.) 23.917
- Étude anal. phytogéogr. Légum. (Capitaine) 24.701
- Étude analytique & phytogéographique Légumineuses (Capitaine) 24.701
- Étude *Bambusées* (Bureau) 23.694
- Étude biographique sur le botaniste Pierre-Antoine Poiteau (*see* Bureau, L.É.)
- Étude biologique de *Melampsora Lini* (A. Buchheim) 23.527
- Étude botanique Archipel de Bréhat (F. Camus) 24.413
- Étude botanique du *Cistus Ladaniferus* (A. Camus) 24.295
- Étude botanique du *Lavandula stoechas* (A. Camus) 24.301
- Étude de lexicologie botanique (J. Camus) 24.430
- Étude fl. (*see* Cariot, A.)
- Étude monographique des Hordées (P.C. Candargy) 24.444
- Étude préliminaire sur les Muscinées du Département de la Vendée (F. Camus) 24.426
- Étude *Quinquinas* (Charles) 24.828
- Étude sur *Doronicum* à fruits homomorphes (Cavill.) 25.182
- Étude sur l'espèce *Cupulifères* (A. DC.) 24.468
- Étude sur la feuille chez l'*Heracleum sphondylium* (Briq.) 22.935
- Étude sur la flore bryologique de l'Amérique du Nord (Cardot) 24.766
- Étude vég. fl. macoc. (Braun-Blanq.) 22.662
- Études carpologiques *Ormensis* et *Santolina* (Briq.) 22.950
- Études distr. mousses Cauc. (Broth.) 23.153
- Études *Ombell. vénén.* (Camara-Leme) 24.156
- Études racines l'absorption (Cauvet) 25.117
- Études sur la distribution des mousses au Caucase (Broth.) 23.153
- Études sur la végétation et la flore marocaines (Braun-Blanq.) 22.662
- Études sur les *Cytises* des Alpes maritimes (Briq.) 22.901; *see* Burnat, É.
- Études sur les graines fossiles Saint-Étienne (Brongn.) 23.141
- Études sur les *Ombellifères* vénéneuses (Camara-Leme) 24.156
- Études sur *Reyesia* et *Monttea* (Bureau) 23.676
- Étud. Quinq. (Charles) 24.828
- Étud. racin. absorp. (Cauvet) 25.117
- Euph. heliosc.* (J.W. Budde) 23.559
- Euphorbia* der Kanarischen Inseln (Burchard) 23.647
- Euphrasia hebecalyx* förut *E. micrantha* (Brenner) 22.785

- Euphrasia hebecalyx (Brenner) 22.819
 Euterpe (Burret) 23.843
 Euthamia in Missouri (Bush) 23.951
 Évolution des plantes phanérogames (A. DC.) 24.493
 Evolution land pl. (Campb.) 24.276
 Evolution of land plants (Campb.) 24.276
 Examen de quelques cas de monstruosités végétales (Brongn.) 23.127
 Examen deux cryptogames (Brond.) 23.111
 Examen organographique des Nectaires (L. Bravais) 22.684
 Exc. bot. Melilla (Caball.) 24.000
 Exc.-Fl. Südöstl. Deutschl. (Caflisch) 24.045
 Exc.- Schul-Fl. Chur (Capeder) 24.691
 Excursion aux environs d'Avesnes (Carpentier) 24.853
 Excursión botánica a Melilla en 1915 (Caball.) 24.000
 Excursion botanique dans la Woevre (Cardot) 24.757
 Excursión briológica á Sierra Nevada (Cas.-Gil) 24.998
 Excursions botaniques de Briançon (Brachet) 22.490
 Excursions bryologiques en Finistère (F. Camus) 24.419
 Excursions cryptogamiques (A. Breton) 22.846
 Excursions Iles Baléares (Cambess.) 24.160
 Excursions- Schul-Flora Chur (Capeder) 24.691
 Excursions-Flora für das Südöstliche Deutschland (Caflisch) 24.045
 Exp. antarct. franç. (see 24.785)
 Exp. Denmark Strait, Phytoplankton (Braarud) 22.487
 Expedition to South Central Africa (Burt Davy) 23.903
 Experimentell-systematische Untersuchungen über die Lophozia ventricosa-Gruppe (H. Buch) 23.464
 Explorationes bryologicae (Bryhn) 23.371
 Exp. méth. règne vég. (Caffin) 24.041
 Exposé Congr. nomencl. (see Candolle, [A.] C.[P.] de)
 Exposition méthodique du règne végétal (Caffin) 24.041
 Exp. S. Centr. Afr. (Burt Davy) 23.903
 Extension du Hêtre (Aug. DC.) 24.677
 Extra chromosome Oenothera (Catcheside) 25.100
 Fagaceae nouvelles (A. Camus) 24.362
 Fagacées Asie orientale (A. Camus) 24.386
 Fagacées nouvelles (A. Camus) 24.385
 Famille Apocynacées (A.DC.) 24.454
 Familles des plantes (Cauvet) 25.121
 Fam. pl. (Cauvet) 25.121
 Farnflora der Umgebung der Stadt São Paulo (Brade) 22.491
 Farnpfl. (Brause) 22.679
 Farnpflanzen (Brause) 22.679
 Fauna and Flora of Florden Common (see Burrell, W.H.)
 Fenno-Scandian kasvitieteellisestä kaakois-rajasta (Cajander) 24.081
 Fennoskand. Form. Carex polyg. (A. Cajander) 24.079
 Fernere Beiträge zur Flora der ostfriesischen Inseln (Buchenau) 23.499
 Ferns and flowering plants of Isle Royale Michigan (C.A. Br.) 23.211
 Ferns fl. pl. Isle Roy. (C.A. Br.) 23.211
 Ferns Mount Penrissen (Brooks) 23.147
 Ferns of Mangonui County (Carse) 24.901
 Fertilisation of Medicago (Burkill) 23.746
 Festgabe xxiv. Versammlung deutscher Land- und Forstwirthe zu Königsberg (see 25.027)
 Festschrift Carl Schröter (see Brockmann-Jerosch, H.)
 Festschrift der Österreichischen Gartenbau-gesellschaft (see 24.181)
 Festuca duriuscula i Finland (Brenner) 22.779
 Feuillaison, défeuillaison, effeuillaison (A. DC.) 24.487
 Feuille Gramin. (Bugnon) 23.596
 Feuille Graminées (Bugnon) 23.596
 Feuilles anormales du Strelitzia Reginae (C. DC.) 24.565
 Feuilles peltées (C. DC.) 24.537
 Ficus à Hypoascidies (C. DC.) 24.541
 Field study of Orthodontium gracile (Burrell) 23.829
 Filices novae Brasilianae (Brade) 22.492
 Filogenesi delle idrante (Cacciamali) 24.032
 Fiore di Ceratophyllum (Caruel) 24.950
 Fiore femmineo (Caruel) 24.921
 Fiori rivoltati di Faseolacee (Caruel) 24.961
 First notes on Cymbopogon Martini (Burkill) 23.770
 Five new species of Viola (Brainerd) 22.505
 Fl. adv. march. (Büttner) 23.587
 Fl. Albus (Buhse) 23.613
 Fl. algol. Québec (Brunel) 23.342
 Fl. Alp. mar. (see 22.919)
 Fl. Alpes marit. (see Cavillier, F.)

- Fl. altaica (*see* Bunge, A.[G.] A.)
 Fl. Amateurs (Carlier) 24.836
 Fl. anal. Esp. (Caball.) 24.002
 Fl. Arfak mts. (*see* 24.591)
 Fl. belg. commenç. (Carlier) 24.834
 Fl. Bermuda (*see* Britton, E.G.)
 Fl. Bras. (*see* 24.507; Bureau, L.É., Candolle, [A.] C.[P.] de)
 Fl. briol. Sierra de Guadarrama (Cas.-Gil) 24.997
 Fl. bryol. Java (Cardot) 24.763
 Fl. bryol. Terr. magell. (Cardot) 24.791
 Fl. Buckinghamsh. (Britten) 22.970
 Fl. Chaulnes (Caussin) 25.112
 Fl. Dresd. nomencl. (C.T. Bucher) 23.523
 Fl. Einsidl. (Bruhin) 23.309
 Fleur femelle des Carex (Caruel) 24.931
 Fleur monstrueuse de Streptocarpus rexii (Bureau) 23.675
 Fleurs anormales du Leontopodium (C. DC.) 24.564
 Fleurs des marais (A. Camus) 24.304
 Fleurs des prairies pâturages (E.G. Camus) 24.400
 Fleurs marais (A. Camus) 24.304
 Fleurs monstrueuses Primula sinensis (Bureau) 23.677
 Fl. franç. (*see* 24.668)
 Fl. Frankfurt a.O., ed. 3 (*see* Brand, A.)
 Fl. India (*see* Carey, W.)
 Fl. Indo-China (*see* Candolle, [A.] C.[P.] de)
 Fl. insectoph. (Brez) 22.853
 Fl. Irpina (Casali) 24.994
 Fl. Jackson Cy. (Bush) 23.937
 Fl. jamaic. (*see* Browne, P.)
 Fl. Landdr. Osnabrück (Buschbaum) 23.923
 Fl. Lesbos (C.-A. Candargy) 24.442
 Fl. Massif Scand. et Mass.-centr (C.S. Carlson) 24.837
 Fl. Meuse (C. Breton) 22.849
 Fl. Moray (J.J. Burgess) 23.727
 Floating apparatus in the fruit of littoral Umbelliferae (Briq.) 22.961
 Fl. Ofengeb. (Brunies) 23.347
 Flora advena marchica (Büttner) 23.587
 Flora American Virgin Islands (Britton) 23.055
 Flora analítica de España (Caball.) 24.002
 Flora Bouldin Island (K. Brandegee) 22.530
 Flora briológica de la Sierra de Guadarrama (Cas.-Gil) 24.997
 Flora bryologica de Montserrat (Cas.-Gil) 24.996
 Flora Capensis (*see* Brown, N.E.)
 Flora corsicae (*see* Burman, N.L.)
 Flora curiensiensis (*see* 23.297)
 Flora de la Provincia de Buenos Aires VI. Compuestas (*see* Cabrera, A.L.)
 Flora del Vallés (Cadevall) 24.036
 Flora della Provincia di Roma (*see* Brizi, U.)
 Flora delle Galapagos (Caruel) 24.987
 Flora der Maulwurfshaufen (Buchenau) 23.521
 Flora der ostfriesischen Inseln, Nachtrag (Buchenau) 23.522
 Flora des Albus (Buhse) 23.613
 Flora des Landdrosteibezirks Osnabrück (Buschbaum) 23.923
 Flora des Oberengadins (*see* 24.678)
 Flora des Ofengebietes (Brunies) 23.347
 Flora des Puschlav (Brockm.-Jer.) 23.078
 Flora des Regierungsbezirkes Osnabrück (*see* Buschbaum, H.)
 Flora des Teutoburger Waldes von Bevergern bis Brochterbeck (*see* Brockhausen, H.)
 Flora Diatomacea Africana (Castracane) 25.092
 Flora Dobrogei (*see* Brândză, D.)
 Flora Dutch N.W. New Guinea, Piperaceae (C. DC.) 24.591
 Flora economica (*see* Carmignani, V.)
 Flora Einsidlensis (Bruhin) 23.309
 Flora faventinae tentamen (Caldesi) 24.111
 Flora fossile di Mongardino (Cavara) 25.131
 Flora Honey Lake Valley (Burt Davy) 23.892
 Flora Indica (*see* Burman, N.L.)
 Flora Irpina (Casali) 24.994
 Flora italiana (*see* 24.988; Caldesi, L., Caruel, T.)
 Flora italiana et ses critiques (Caruel) 24.988
 Flora Miquelonensis (*see* Cardot, J.)
 Flora Montreal Island (Rob. Campb) 24.278
 Flora Narrabeen stage (Burgess) 23.721
 Flora of Buckinghamshire (Britten) 22.970
 Flora of Jackson County (Bush) 23.937
 Flora of Koh Chang (*see* Brotherus, V.F.)
 Flora of Mammoth Cave (R.E. Call) 24.127
 Flora of Moray (J.J. Burgess) 23.727
 Flora of Piacenza (*see* 22.489)
 Flora of Southeastern Polynesia (F. Br.) 23.217; *see* Brown, C.A.
 Flora of Southern Africa, Bibliography of South African botany (*see* Bullock, A.A.)
 Flora of Southwestern Colorado (Brandegee) 22.535
 Flora of Surinam (*see* 22.736, 22.753)

- Flora of the Cape Region of Baja California (Brandege) 22.537
- Flora of the Mangonui County (Carse) 24.900
- Flora of the Rocky Mountains (Rob. Campb.) 24.279
- Flora of tropical Africa (*see* Brown, N.E.)
- Flora of Vavau (Burkill) 23.751
- Flora of Vermont (Brainerd) 22.504
- Flora Orchidacea Serra do Itatiaya (Campos-Porto) 24.282
- Flora orientalis (*see* Buser, R., Bunge, A. [G.] A.)
- Flora Peoriana (Brendel) 22.772
- Flora piacentina (Braccif.) 22.489
- Flora Pyrenaea (*see* Bubani, P.)
- Flora Reggiano (Casali) 24.993
- Flora rhaetica exsiccata* (*see* Braun-Blanquet, J.)
- Flora Santa Barbara Islands (Brandege) 22.536
- Flora silesiaca exsiccata* (Callier) 24.130; *see* Callier, A.
- Flora Sonoran zone (W.L. Bray) 22.687
- Flora virgiliana (*see* Bubani, P.)
- Flora vitiensis (*see* Carruthers, W.)
- Flora von Bremen (*see* Buchenau, F.[G.P.]
- Flora von Frankfurt (*see* 22.509)
- Flora von Ober-Oesterreich (Brittinger) 22.976
- Flora von Oesterreich-Ungarn (*see* Braun, H.)
- Flora von Persien (*see* Braun, H.)
- Florae Dresdensis nomenclator (C.T. Bucher) 23.523
- Floraen paa Snaefellsnaes (*see* Branth, J. S.D.)
- Flore algologique du Québec (Brunel) 23.342
- Flore belge des commençants (Carlier) 24.834
- Flore bryologique des Terres magellaniques (Cardot) 24.791
- Flore bryologique Java (Cardot) 24.763
- Flore bryologique Vallée d'Aoste (G. Capra) 24.711
- Flore de France (*see* Camus, E.-G.)
- Flore de l'antarctide (Cardot) 24.796
- Flore de l'île Lesbos (C.-A. Candargy) 24.442
- Flore de la Meuse (C. Breton) 22.849
- Flore des Alpes maritimes (*see* 22.914)
- Flore des Amateurs (Carlier) 24.836
- Flore des insectophiles (Brez) 22.853
- Flore des jardins de l'Europe (*see* Carrière, É.)
- Flore des montagnes de la Corse (Briq.) 22.930
- Flore des tourbières de la Somme (Caussin) 25.116
- Flore descriptive du littoral Picard (Caussin) 25.113
- Flore du canton de Chaulnes (Caussin) 25.112
- Flore du Houiller de Crespin (Carpentier) 24.851
- Flore du Maroc (E.G. Camus) 24.393
- Flore du Massif Scandinave et du Massif central (C.S. Carlson) 24.837
- Flore éocène du Bois-Gouët (Bureau) 23.683
- Flore gisement jurassiques (Carpentier) 24.860
- Flore Laurentienne (*see* 23.343)
- Flore physico-géographique de la Vallée du Léman (DC.) 24.631
- Flore topographique Proyart (Caussin) 25.111
- Flore Wealdienne (Carpentier) 24.857
- Florida fungi* (*see* Calkins, W.W.)
- Florist. handb. (Brenner) 22.777
- Floristik handbok (Brenner) 22.777
- Floristische Notizen vom Ofenberg (Brunies) 23.346
- Florula di Montecristo (Caruel) 24.923
- Florula med. sicil. (Calcara) 24.106
- Florula medica siciliana (Calcara) 24.106
- Florule de Canton de l'île-Adam (E.G. Camus) 24.390
- Florule de Saint-Tropez (E.G. Camus) 24.399
- Florule des environs de Nantua (Calloni) 24.146
- Florule du Mont Soudine (Briq.) 22.895
- Florule environs Bruxelles (G. Carron) 24.877
- Florule St.-Tropez (E.G. Camus) 24.399
- Fl. ostfries. Ins. Nachtr. (Buchenau) 23.522
- Flower Avena fatua (W.A. Cannon) 24.681
- Flowering plants Taiping (Burkill) 23.787
- Fl. piacent. (Braccif.) 22.489
- Fl. Picard (Caussin) 25.113
- Fl. Prov. Brandenburg (*see* Braun, A.[C.H.]
- Fl. Prov. Buenos Aires (*see* Cabrera, A.L.)
- Fl. Puschlav (Brockm.-Jer.) 23.078
- Fl. Regg. (Casali) 24.993
- Fl. S.-E. Polynesia (F. Br.) 23.217
- Fl. Süd-Bosnien (*see* Bredler, J.)
- Fl. topogr. Proyart (Caussin) 25.111
- Fl. tourb. Somme (Caussin) 25.116
- Fl. trop. Afr. (*see* Britten, J.)
- Fl. Vallée Léman (DC.) 24.631
- Fl. Vallés (Cadevall) 24.036
- Fl. Vermont (Brainerd) 22.504

- Fl. Wealdienne (Carpentier) 24.857
 Fl. West Riding (*see* Carrington, B.)
 Föhrenregion der Zentralalpentäler (Braun-Blanq.) 22.654
 Förändringar i Helsingfors stadt flora (Brenner) 22.791
 För Finland ny *Taraxacum officinale*-form, *T. laeticolor* (*see* 22.795)
 För Finland nya adventiv-växter (Brenner) 22.790
 Fontinale nouvelle (Cardot) 24.759
 Fontinales japonaises (Cardot) 24.760
 Fontinales nouvelles (Cardot) 24.761
 Fontinalis gothica (Cardot) 24.756
 Fontinalis maritima (Cardot) 24.798
 For. develop. Adirondacks (W.L. Bray) 22.691
 Forest associations of Wayne Country (F. Br.) 23.215
 Forest development Adirondacks (W.L. Bray) 22.691
 Forest fl. N.W. India (*see* Brandis, D.)
 Forest trees and timbers of the British Empire (*see* Burt Davy, J.)
 Forest types and their significance (*see* Cajander, A.K.)
 Forest vegetation and flora of tropical Africa (Burt Davy) 23.909
 Forest vegetation of South Central Tropical Africa (Burt Davy) 23.904
 Forêt (Caquet) 24.719
 Formations houillères des Mines de Béthune (Carpentier) 24.852
 Formen der Gattung *Alnus* in Thüringen (Callier) 24.134
 Formen Gattung *Mentha* (Heinr. Braun) 22.638
 Form. pl. legumin. (Bronn) 23.144
 Fortschritte in der Kenntniss der Laub- und Lebermooskunde (Brunnth.) 23.352
 Fossil Cycadean stems (Carruthers) 24.887
 Fossil floras Western United States (R.W. Br.) 23.241
 Fossil pl. Fox Hills (R.W. Br.) 23.243
 Fossil plants and their testimony (Carruthers) 24.897
 Fossil plants Fox Hills (R.W. Br.) 23.243
 Fossil plants from Queensland (Carruthers) 24.893
 Fossil seeds of *Lagenostoma* (J. Butterworth) 23.990
 Fossile Hölzer Preussens (Casp.) 25.045
 Fossile Pflanzen der blauen Erde (Casp.) 25.043
 Fossilen Pflanzenreste des glazialen Delta bei Kaltbrunn (Brockm.-Jer.) 23.081
 Foss. Pfl.-Reste Delta Kaltbrunn (Brockm.-Jer.) 23.081
 Foss. seeds *Lagenostoma* (J. Butterworth) 23.990
 Foundations of plant geography (*see* Cain, S.A.)
 Four new palms Papua (Burret) 23.852
 Fragment d'un discours sur la géographie botanique (A.DC.) 24.445
 Fragmenta ad floram bryologicam Asiae orientalis (Broth.) 23.174
 Fragmenta monographiae Labiatarum (Briq.) 22.888
 Fragments flore de Nouvelle-Calédonie (Brongn.) 23.139
 Fragm. Phytogr. Austral. (*see* Braun, A. [C. H.])
 Frecuencia de la fecundación cruzada en la alfalfa (Burkart) 23.738
 Freshwater algae (N. Carter) 24.911
 Freshwater algae India (N. Carter) 24.912
 Fruchtbecher von *Sclerotinia Alni* (Bubák) 23.414
 Fruchthaine Ital. (O. Brill) 22.874
 Fruchthaine Italiens (O. Brill) 22.874
 Fruchtkoerper der Flechten (Buhse) 23.611
 Fructification *Callipteris* (Bureau) 23.684
 Fruits utiles de Pipéritées (Brunotte) 23.356
 Fruits util. Pipérit. (Brunotte) 23.356
 Frutto delle Rosacee pomifere (Caruel) 24.963
 Fundstellen von Diluvialfossilien bei Lugano (Brockm.-Jer.) 23.090
 Funghi di Vallombrosa (Bres.) 22.838
 Funghi ipogei italiani (*see* Caldesi, L.)
 Funghi manger. (Cavara) 25.144
 Funghi mangerecci (Cavara) 25.144
 Funghi parassiti delle piante coltivate ed utili (*see* Cavara, F.)
Funghi parassiti (*see* Briosi, G.)
 Funghi pomicoli (Cavara) 25.137
 Fungi aliquot saxonici novi (Bres.) 22.832
 Fungi and disease in plants (E.J. Butler) 23.980
 Fungi Congoenses (Bres.) 22.842
Fungi dakotensis (Brenckle) 22.769; *see* Brenckle, J.F.
 Fungi disease pl. (E.J. Butler) 23.980
Fungi exsiccati (*see* Briosi, G.)
Fungi exsiccati praecipue Gallici (*see* Bresàdola, G., Cavara, F.)
 Fungi imperfecti (N.F. Buchw.) 23.556

- Fungi imperfecti exsiccati* (see Bubák, F.)
 Fungi India (E.J. Butler) 23.981
Fungi Longobardiae exsiccati (see Cavara, F.)
 Fungi lusitanici (Bres.) 22.831
 Fungi nonnulli novi hispanici (Bubák) 23.436
 Fungi of India (E.J. Butler) 23.981
 Fungi of India Supplement (see 23.981)
 Fungi of Manitoba (see Buller, A.H.R.)
Fungi rossici exsiccati (see Bucholtz, F.[V.])
Fungi selecti exsiccati (see Brick, C.)
Fungi tridentini (see Bresàdola, G.)
 Fungus diseases of sugar-cane in Bengal (E.J. Butler) 23.975
 Fungus diseas. sugar-cane (E.J. Butler) 23.975
 Fungus lore of the Greeks and Romans (Buller) 23.620
 Funkt. Elem. Farnsporangium (Brodtmann) 23.096
 Funktion der Drüsenschuppen im Fruchtknoten von *Clerodendron minahassae* (Bremek.) 22.726
 Funzione vessillare dei fiori (Caruel) 24.990
 Further ill. Brit. pl. (Butcher) 23.972
 Further illustrations of British plants (Butcher) 23.972
 Fusar. Cylindroc. Indochine (Bugnic.) 23.594
 Fusarium et Cylindrocarpon de l'Indochine ((Bugnic.) 23.594
 Fynd *Cryptothallus mirabilis* (H. Buch) 23.470
 Gaelic names of plants (J. Cameron Sund.) 24.163
 Gaelic names pl. (J. Cameron Sund.) 24.163
 Gardens of the sun (Burb.) 23.642
 Gard. sun (Burb.) 23.642
 Gastéromycètes Roumanie (Brândză) 22.566
 Gattung *Leroxylon* (see 23.844)
 Gattungen der Pomaceen (Burgerstein) 23.710
 Gattungsbastard bei den Orchideen (Braun-Blanq.) 22.660
 Gedächtnisrede 1866 (A. Braun) 22.603
 Gedenkblatt für Georg Schweinfurth (see Busse, W.[K.O.])
 Gedrängte Anleitung zum Sammeln (see Bronn, H.G.)
 Gefaesskryptogamen Wisconsin (Bruhin) 23.313
 Gefässkryptogamen Vorarlbergs (Bruhin) 23.310
 Gefässkrypt. Vorarlbergs (Bruhin) 23.310
 Gefässkrypt. Wisc. (Bruhin) 23.313
 Gefäss-Pflanzen des Fürstentums Osnabrück (Buschbaum) 23.922
 Gefässpfl. Osnabrück (Buschbaum) 23.922
 Gefüllte Blüten von *Scirpus caespitosus* (see 23.495)
 Gemmules des Anémones (Caruel) 24.933
 Gen. Astragali (Bunge) 23.630
 Gen. Brit. pl. (H.G. Carter) 24.906
 Gen. fl. germ. (see Caspary, [J.X.] R.)
 Genera of British plants (H.G. Carter) 24.906
 Genera plantarum de MM. Bentham et J.D. Hooker (A. DC.) 24.472
 Genera species Cruciferarum (R. Br.) 23.231
 Genera species plantarum orchidearum (R. Br.) 23.232
 Genera, species et synonyma Candolleana (see Candolle, A.P. de)
 General systematic bacteriology (see Buchanan, R.E.)
 Generationswechsel der Pflanzen (Buder) 23.564
 Generic name *Bucida* (Britton) 23.035
 Generis *Astragali* (Bunge) 23.630
 Genero de las *Asclepiadáceas* Hickenia (Castellanos) 25.062
 Genero *Senecio* (Cabrera) 24.028
 Géneros *Cactáceas* Argentinas (Castellanos) 25.063
 Géneros de las *Bromeliáceas* de la flora Argentina (Castellanos) 25.067
 Genetische Studien an *Marchantia* (see Burgeff, H.[E.N.])
 Genre *Iseilema* (see 24.306)
 Genre *Rosa* (Burnat) 23.820; see Burnat, É.
 Genres nouveaux des *Composées* (DC.) 24.654
 Gentiana coronata (Burkill) 23.761
Gentianacearum species Asiaticas (Burkill) 23.754
 Genus *Cereus* (Britton) 23.040
 Genus *Eleocharis* in North America (Britton) 23.015
 Genus *Ernodea* (Britton) 23.033
 Genus *Hicoria* of Rafinesque (Britton) 23.013
 Genus *Leiophyllum* (Camp) 24.189
 Genus *Struthiopteris* (Broadh.) 23.072
 Géographie botanique (A. Camus) 24.290; (A. DC.) 24.463
 Géographie botanique de l'Italie (DC.) 24.659
 Geographische Verbreitung des Weinstocks (see Bujack, J.G.)
 Géogr. bot. (A. DC.) 24.463
 Geonomeae americanae (Burret) 23.845
 Georg Schweinfurth (see Busse, W.[K.O.])
 Georgia *Discomycetes* (E.K. Cash) 25.007

- Geranium bohemicum (Briq.) 22.949
 Gerbstoffhaltige Mangroverinden aus Deutsch-
 -Ostafrika (Busse) 23.956
 Germinación Trichocereus pasacana (Castel-
 lanos) 25.058
 Germination Daphne (Calloni) 24.144
 Germination sous des degrés divers (A. DC.)
 24.470
 Germinazione polline Ephedra (Cavara) 25.156
 Gesch. bot. Samml. (Buchenau) 23.513
 Geschichte der botanischen Sammlungen
 (Buchenau) 23.513
 Getreue Darstell. Gew. (*see* Brandt, J.F.)
 Gids bergtuin Tjibodas (Bruggeman) 23.304
 Gids voor den bergtuin te Tjibodas (Brugge-
 man) 23.304
 Gisement de plantes Ghar Rouban (Carpen-
 tier) 24.859
 Gîtes minéraux Bassin de la Basse Loire
 (Bureau) 23.698
 Gîtes minér. Basse Loire (Bureau) 23.698
 Glanures bryologiques (F. Camus) 24.402
 Gliederung der Vegetation von West-Usam-
 bara (Buchw.) 23.552
 Glossary of the British flora (*see* Carter, H. G.)
 Goethalsia (Burret) 23.863
 Gordonia y Scaevola (Cav.) 25.125
 Gordonia (Burkill) 23.780
 Gossyp. obtusif. (Burkill) 23.756
 Gossypium obtusifolium (Burkill) 23.756
 Graines des Légumineuses (Capitaine) 24.702
 Graines des Luzules (Caruel) 24.934
 Graines des Papavéracées d'Europe (Capi-
 taine) 24.699
 Graines Légum. (Capitaine) 24.702
 Graines microsporanges Ptéridospermées
 (Carpentier) 24.854
 Gram. (Buse) 23.926
 Gramineae (Buse) 23.926
 Graminée Indo-Chine: Cymbopogon Iseile-
 ma (A. Camus) 24.293
 Graminée malgache (A. Camus) 24.354
 Graminées africaines (A. Camus) 24.363
 Graminées Asie orientale (A. Camus) 24.294
 Graminées d'Indochine (A. Camus) 24.316
 Graminées en A.O.F. (A. Camus) 24.384
 Graminées Madagascar 1926 (A. Camus)
 24.326
 Graminées Madagascar 1930 (A. Camus)
 24.346
 Graminées Nouvelle-Calédonie (A. Camus)
 24.336
 Graminées nouvelles Comores (A. Camus)
 24.312
 Graminées nouvelles Madagascar (A. Ca-
 mus) 24.334
 Graminées nouvelles Madagascar et de Nos-
 si-Bè (A. Camus) 24.339
 Graphideae Eckfeldtianae (*see* Calkins, W. W.)
 Gräser der ostfriesischen Inseln (Buchenau)
 23.520
 Grasses and fodder plants of New South
 Wale (Breakwell) 22.692
 Grasses Milwaukee County (C.T. Brues)
 23.302
 Grass. fodder pl. N.S.W. (Breakwell) 22.692
 Grimmia glauca (Cardot) 24.779
 Grimmia Ryani (Bryhn) 23.372
 Grinnellia americana (Brannon) 22.568
 Grønlands Lichen-Flora (Branth) 22.575
 Growth Yucca elata (R.S. Campb.) 24.281
 Grünalgen (Cammerloher) 24.168
 Grundz. Bot. Thierärzte (Bruckmüller) 23.292
 Grundzüge der Botanik für Thierärzte (Bruck-
 müller) 23.292
 Guida bot. princ. (Caruel) 24.929
 Guida del botanico principale (Caruel)
 24.929
 Guida Orto botanico Pisano (Caruel) 24.944
 Guida Orto bot. Pisa. (Caruel) 24.944
 Guide bot. Hohneck (Brunotte) 23.357
 Guide bot. rurale (E.G. Camus) 24.387
 Guide du botaniste au Hohneck (Brunotte)
 23.357
 Guide du naturaliste (Capus) 24.714
 Guide Jard. multipl. (Carrière) 24.864
 Guide pratique de botanique rurale (E.G.
 Camus) 24.387
 Guide pratique du Jardinier multiplicateur
 (Carrière) 24.864
 Guide stud. bot. (E.S. Burgess) 23.724
 Guide to the ferns and fern allies of Minne-
 sota (*see* Butters, F.K.)
 Guide to the spring flowers of Minnesota
 (*see* Butters, F.K.)
 Guide to the student in botany (E.S. Burgess)
 23.724
 Guide to the trees and shrubs of Minnesota
 (*see* Butters, F.K.)
 Gymnospermatous fruits from the secondary
 rocks of Britain (Carruthers) 24.880
 Gymnospermie der Cycadeen (A. Braun)
 22.623
 Habit. Conif. (A.H. Burt) 23.891
 Halonia (Carruthers) 24.895
 Hamelia (Britton) 23.045
 Handbook of British water-weeds or Algae
 (*see* Carruthers, W.)

- Handbook of common water and marsh plants of India and Burma (*see* Calder, C.C.)
- Handbook of Vermont trees (*see* 23.827)
- Haploidgen. Dipsac. (W. Braun) 22.646
- Haploidgeneration der Dipsacaceen (W. Braun) 22.646
- Haplophyllum patavinum (J. Camus) 24.427
- Harpanthus flotowianus (F. Camus) 24.421
- Hauptzüge der pflanzen-topographischen Forschungsarbeit in Finnland (Cajander) 24.099
- Hawaiian mosses (Broth.) 23.197
- Hawaiian Peperomias (C. DC.) 24.576
- Hawaii. moss. (Broth.) 23.197
- Hawaii. Peperom. (C. DC.) 24.576
- Heaths balds of the Great Smoky Mountains (S.A. Cain) 24.050
- Heaths Smoky Mts. (S.A. Cain) 24.050
- Heil- und Nutzpflanzen Deutsch-Ostafrikas (Busse) 23.961
- Heimat der Banane (Cammerloher) 24.172
- Heimat von *Astrocaryum rostratum* (Burret) 23.844
- Heliocarya (Bunge) 23.631
- Helminthosporium (Campanile) 24.200
- Hemlock Grove (Britton) 23.028
- Hepaticae britannicae exsiccatae* (*see* Carrington, B.)
- Hepaticae europaeae* (*see* Carrington, B.)
- Hepaticae in Robert Browns Florula discosana (*see* Carrington, B.)
- Hepaticae Thomas Whitelegge (Carrington) 24.872
- Hepatics and sites (Brinkm.) 22.877
- Hepatics of the Pacific Coast (Brinkm.) 22.879
- Hépatique nouvelle pour la France (F. Camus) 24.417
- Hépatiques de Ténériffe (Broeksmit) 23.104
- Herbarium bolivianum* (*see* Buchtien, O.A.)
- Herbarium Florae Rossicae* (*see* Buhse, F.[A.])
- Herbarium in modern systematics (Camp) 24.193
- Herbier de de Lamarck (Bureau) 23.688
- Herbier de Gaspard Bauhin déterminé par A.P. de Candolle (C. DC.) 24.547; *see* Candolle, A.P. de
- Herborisations dans le Gard (Cabanès) 24.004
- Herkunft Schweizerischer Kulturpflanzen (Brockm.-Jer.) 23.095
- Herpestis Monniera (Burkill) 23.793
- Herpotrichia Resinae (Cappelletti) 24.707
- Het leven van Linnaeus (Buekers) 23.567
- Heterocysten und Gasvakuolen der Blaualgen (Canabaeus) 24.440
- Heterocyst. Gasvakuol. Blaualg. (Canabaeus) 24.440
- Heterostylie van Erytroxylon (Burck) 23.663
- Hevea brasiliensis (Capus) 24.715
- Hickelia et Pseudocoix (A. Camus) 24.314
- Hieraciologiska meddelanden (*see* 22.803)
- Higher fungi of the Hawaiian Islands (Burt) 23.887
- Hildebrandtia fluviatilis (H.J. Carter) 24.905
- Hildebrandt'sche Pflanzen (A. Braun) 22.628
- Hirse Kanton Luzern (Brandstetter) 22.552
- Hist. bot. Genev. (DC.) 24.648
- Hist. N.Y. B.G. (Britton) 23.051
- Hist. nat. Smilac. (Ad. Carpentier) 24.847
- Histoire de la botanique Genevoise, (DC.) 24.648
- Histoire des sciences (A.DC.) 24.477
- Histoire des végétaux fossiles (*see* Brongniart, A.T.)
- Histoire du peuplement de la Corse (*see* Braun-Blanquet, J.)
- Histoire du rapprochement des végétaux (A.C.P. Caylus, Jr.) 25.187
- Histoire naturelle des Smilacées (Ad. Carpentier) 24.847
- Histoire Violettes (Calloni) 24.151
- Histologie des organes de Brunonia (Briq.) 22.910
- Histologie des organes de Zombiana (Briq.) 22.911
- Histologisch-morphologische Untersuchungen an Artbastarden (Brieger) 22.861
- Historique des premiers herbiers (J. Camus) 24.438
- History New York Botanical Garden (Britton) 23.051
- History of pre-Clusian botany (E.S. Burgess) 23.725
- Hist. pre-Clus. bot (E.S. Burgess) 23.725
- Hist. rapp. vég. (A.C.P. Caylus, Jr.) 25.187
- Hist. sci. (A. DC.) 24.477
- Hogl. Lafv. (Brenner) 22.775
- Holly, Laurel and Winterberry (E. Britton) 23.001
- Holz Bäume Mitteleur. (H.P. Br.) 23.220
- Holz forstlich wichtigster Bäume Mitteleuropas (H.P. Br.) 23.220
- Hormodendr. Hordei (Bruhne) 23.316
- Hormodendron Hordei (Bruhne) 23.316

- Hort. bot. mutien. hist. (Brign.) 22.872
 Horti botanici mutiensis historia (Brign.) 22.872
 Horticulture (*see* Burbidge, F.W.T.)
 Houston's Central American Leguminosae (Britten) 22.973
 Humbertochloa (A. Camus) 24.364
 Humpbacked Elves (E. Britton) 22.979
 Hvitblommig Taraxacum-art (Brenner) 22.812
 Hyalocalyx Dalleizetti (Capitaine) 24.696
 Hybrides nouveaux Bromus (A. Camus) 24.356
 Hybrides Orchidées (J. Camus) 24.437
 Hybrids Symphytum (Buckn.) 23.557
 Hydrilleen (Casp.) 25.016
 Hydrocharitaceae (Casp.) 25.028
 Hydroph. Sierra Nevada (Brand) 22.519
 Hydrophyllaceen der Sierra Nevada (Brand) 22.519
 Hydrurus foetidus (Bursa) 23.872
 Hylcomiopsis (Cardot) 24.808
 Hymenomyces Fuegiani (Bres.) 22.839
 Hymenomyces novi (Bres.) 22.841
 Hymenomycetous fungi of Siberia and Eastern Asia (Burt) 23.889
 Hymenomycetous fungi South America (Burt) 23.881
 Hyospathe (*see* 23.844)
 Hypocotyle Mercuriale (Bugnon) 23.598
 Hypogaeen aus Russland (Buchholz) 23.539
 I Finland vorkommande former Viola tricolor (Brenner) 22.783
 Iakttagelser grankottarnas uppkomst (Brenner) 22.817
 Ibrido Lauro-Canfora (Cavara) 25.169
 Ichnanthus Asie méridionale (A. Camus) 24.289
 Icones Farlowianiae (*see* Burt, E.A.)
 Icones florae alpinae plantarum (*see* Capitaine, L.)
 Icones plantarum Chinâ (W. Cattley) 25.106
 Icones selectae plantarum (*see* Candolle, A.P. de)
 Icon. indo-asiat. pl. Cattley (*see* 25.106; Cattley, W.)
 Iconographie Orchidées Paris (E.G. Camus) 24.388
 Icon. Orchid. Paris (E.G. Camus) 24.388
 Icon. pl. Chinâ (W. Cattley) 25.106
 Identif. grass. veg. char. (L. Carrier) 24.861
 Identification grasses by vegetative characters (L. Carrier) 24.861
 Identification of the commercial timbers of the United States (H.P. Br.) 23.221
 Identif. timbers U.S. (H.P. Br.) 23.221
 Identity of Microcycas calocoma (O.W. Caldwell) 24.114
 Ill. Fl. Mitt.-Eur. (*see* Braun-Blanquet, J.)
 Illuminazione monocromatica del microscopio (Castracane) 25.081
 Ilustraciones de la flora endémica española (*see* Caballero y Segarés, A.)
 Illustrations of British flora (*see* 23.972)
 Illustrazione del Ducale erbario estense (J. Camus) 24.434
 Illustrazione Myrmecodia (Caruel) 24.943
 Illustrierte Naturgeschichte des Pflanzenreiches (*see* Caruel, T.)
 Imenomiceti novi (Bres.) 22.833
 Impatiens balsamina (Burkill) 23.765
 Impatiens et Tropaeolum (Brunotte) 23.359
 Impollinazione nelle Asteracee (Caruel) 24.959
 Inauguration du Conservatoire (Briq.) 22.939
 Index criticus Juncaginacearum (Buchenau) 23.485
 Index Loganiacearum (Cammerloher) 24.171
 Index N. Amer. ferns (M. Broun) 23.206
 Index North American ferns (M. Broun) 23.206
 Index orchidacearum (Brade) 22.496
 Index semin. Hort. berol. 1868 (A. Braun) 22.610
 Index seminum in Horto berolinensi 1859 (A. Braun) 22.594
 Index seminum in Horto berolinensi 1868 (A. Braun) 22.610
 Index to plant chromosome numbers (*see* Cave, M.E.)
 Indian medic. pl. (Caius) 24.059
 Indian medicinal plants (Caius) 24.059
 Indian trees (*see* Brandis, D.)
 Indian wheat rusts (E.J. Butler) 23.974
 Indiana Mildews (Brannon) 22.569
 Indications d'Épervières (Briq.) 22.904
 Indig. grass. N. Zeal. (Buchanan) 23.477
 Indigenous grasses of New Zealand (Buchanan) 23.477
 Indisch tuinboek (Bruggeman) 23.306
 Individuum der Pflanze (*see* 22.588)
 Indo-Malayan species of Cedrela (C. DC.) 24.558
 Ind. tuinboek (Bruggeman) 23.306
 Indusium der varens (Burck) 23.648
 Indus. varens (Burck) 23.648
 Ind. wheat rusts (E.J. Butler) 23.974
 Inégalité valeur types spécifiques (Cardot) 24.758

- Influence de l'éclipse sur quelques végétaux (Bureau) 23.697
 Influence growth (Brannon) 22.570
 Influenza della temperatura sulle piante (Ca-ruel) 24.970
 Inom Helsingfors stads område förstörda växtlokaler (*see* 22.788)
 Inom växtperioder (Brenner) 22.810
 Instrucciones para formar herbarios (Castel-lanos) 25.056
 Instruction pratique sur les collections botaniques (DC.) 24.657
 Interesting liverwort (Campb.) 24.262
 Inter-relationship of the Bryophyta (Cavers) 25.178
 Introduction to systematical and physiologi-cal botany (Th. Castle) 25.079
 Intr. syst. physiol. Bot. (Th. Castle) 25.079
 Inventaire des publications scientifiques (Briq.) 22.927
 Invent. publ. sci. (Briq.) 22.927
 Investigaciones alfalfa bonaerense (Burkart) 23.733
 Investigation into the cytology and biology of the Ulvaceae (N. Carter) 24.913
 Investigations of Rusts (Carleton) 24.833
 Iriarteae (Burret) 23.846
 Irish Cryptogams (Carrington) 24.869
 Isachne trochaintii (A. Camus) 24.359
 Isoëtes-Arten der Insel Sardinien (A. Braun) 22.599
Iter tauricum tertium (*see* Callier, A.)
 Ixora hippoperifera (Bremek.) 22.738
 Ixora species of Burma (Bremek.) 22.746
 Jahres-Catalog der Wiener Kryptogamen-Tauschanstalt 1897 (*see* Brunnthaler, J.)
 Jardins et les musées botaniques (Briq.) 22.923
 Javanische Piperaceae (C. DC.) 24.573
 Javanische Studien (Cammerloher) 24.180
 Jeografía vegetal del Rio Valdivia (L. Castil-lo) 25.071
 Jeogr. vej. Rio Valdiv. (L. Castillo) 25.071
 Jumes y cachiuyos (Cabrera) 24.030
 Juncác. argent. (Castillon) 25.072
 Juncáceas argentinas (Castillon) 25.072
 Juncaceen aus Indien (Buchenau) 23.501
 Juncaceen aus Mittelamerika (Buchenau) 23.503
 Juncaceen aus Süd-Amerika (Buchenau) 23.495
 Junc. S.-Amer. (Buchenau) 23.495
 Juncus articulatus (Brenner) 22.780
 Kaffeeart aus Deutsch-Ostafrika (Busse) 23.959
 Kamerun und Togo (Busse) 23.967
 Kampf in der Pflanzenwelt (Cajander) 24.101
 Kanadische Pappel vom Blitz getroffen (Casp.) 25.022
 Kasvist. tutkimuksia (Cajander) 24.084
 Kasvistullisia tutkimuksia (Cajander) 24.084
 Katal. Obereng. Fl. (Candrian) 24.678
 Katalog der Oberengadiner Flora (Candrian) 24.678
 Keimung der Sporen (Bruchm.) 23.286
 Kenntn. Bl.-Entw. Juncac. (Wid. Brenner) 22.824
 Kenntnis der ostafrikanischen Landolphien (Busse) 23.958
 Kenntnis des Leitgewebes im Fruchtknoten der Orchideen (Busse) 23.957
 Kenntnis nordschweizerischer Waldgesell-schaften (Braun-Blanq.) 22.672
 Kenntnis Winterknospen Laubhölzer (Branscheidt) 22.571
 Kenntniss des Mycels Volkartia (Büren) 23.575
 Kenntniss von Bau und Funktion extraflora-ler Nektarien (Cammerloher) 24.183
 Kenntn. Winterkn. Laubh. (Branscheidt) 22.571
 Key to the sedges of Southern Rhodesia (C.K. Brain) 22.503
 K.k. Gartenbau-Gesellschaft in Wien 1837-1907 (*see* Burgerstein, A.)
 Klärung des Formenkreises *Poa badensis* (Buschmann) 23.925
 Kleinere Beiträge Juncaceen (Buchenau) 23.488
 Kleistogamie (Burck) 23.656
 Klima und Blatt bei *Quercus* (W. Brenner) 22.827
 Knautia (Briq.) 22.933
 Köhler's Medizinal-Pflanzen in naturgetreuen Abbildungen mit kurz erläuterten Texten (*see* Brandt, [A.] W.[H.])
 Krankheiten der Pflanzen (A. Braun) 22.586
 Krankh. Pfl. (A. Braun) 22.586
 Kritische Zusammenstellung der europäi-schen Juncaceen (Buchenau) 23.502
 Kritisches Verzeichniss aller Juncaceen (Bu-chenau) 23.496
 Krit. Verz. Juncac. (Buchenau) 23.496
 Krypt.-Fl. Anf. (*see* 22.679)
 Krypt.-Fl. Schlesien (*see* Braun, A.[C.H.])
Kryptogamas exsiccatas (*see* Breidler, J., Brunnthaler, J.)
 Kryptogamenflora für Anfänger (*see* Brau-se, G.G.W.)

- Kultivierte Chamaedorea-Art (Burret) 23.865
 Kurze Notizen über *Penicillium crustaceum*
 (Bref.) 22.706
 Kutikula bewohnende Mikroorganismen (H.
 Buch) 23.458
 L. von Buch's gesammelte Schriften (*see*
 Buch, C.L. von)
 Labiatae africanae (Briq.) 22.902
 Labiatae, Beitr. Kenntn. Afrik. Fl. (Briq.)
 22.942
 Labiatae, Primitiae florum costaricensis (Briq.)
 22.893
 Labiatae et Verbenaceae austro-americanae
 (Briq.) 22.936
 Labiatae et Verbenaceae Wilczekianae (Briq.)
 22.925
 Labiatae persicae (Bunge) 23.634
 Labiat. pers (Bunge) 23.634
 Labiat. Verbenac. Wilcz. (Briq.) 22.925
 Labiées (Briq.) 22.918
 Labiées Alpes maritimes (Briq.) 22.890
 Lab. Verb. austr.-amer. (Briq.) 22.936
 Lactariae North America (Burl.) 23.805
 Lactariae United States (Burl.) 23.804
 Lactarii Windham County (Burl.) 23.802
 Lake Erie shore botanizing ground (T. Bur-
 gess) 23.729
 Laubm.-Fl. Oesterr.-Ung. (*see* Breidler, J.)
 Laubm. Steiermarks (Breidl.) 22.720
 Laubmoose der ersten Regnellschen Expedi-
 tion (Broth.) 23.168
 Laubmoose Regnell Exped. (Broth.) 23.168
 Laubmoose Steiermarks (Breidl.) 22.720
 Laub- Nadelhölz. Aschaffenburg (J. Brandl)
 22.549
 Laub- und Nadelhölzer um Aschaffenburg
 (J. Brandl) 22.549
 Lavernes udbredelse i Jylland (Branth)
 22.573
 Lebanon plants (*see* Carruthers, W.)
 Lebensgesch. Bl.-Pfl. Mitteleuropas (*see*
 Brenner, M.[M.W.])
 Lebermoose Steiermarks (Breidl.) 22.721
 Leberm. Steiermarks (Breidl.) 22.721
 Lect. evol. pl. (Campb.) 24.219
 Lectures on the evolutions of plants (Campb.)
 24.219
 Leguminosae-Hedisareas (Burkart) 23.742
 Leistungen S.O. Lindberg's als Bryologe (H.
 Buch) 23.467
 Leitfaden der Botanik (*see* Burgerstein, A.)
 Lejeunea Mackayi (F. Camus) 24.416
 Lejeunea Rosettiana (F. Camus) 24.414
 Lenophyllum (Britton) 23.025
 Lepidolum fontanum (Cardot) 24.793
 Leptosaccharum (A. Camus) 24.307
 Lespedezas of Missouri (Bush) 23.940
 Lett. al Godron (Bubani) 23.443
 Lettera Brignoli al Bertoloni (Brign.) 22.873
 Lettera del dottore Pietro Bubani al signor
 Godron (Bubani) 23.443
 Lettre d'Alphonse de Candolle à Émile Bur-
 nat (*see* Burnat, É.)
 Lettre de M. Alphonse de Candolle à M.
 Ernest Malinvaud (A.DC.) 24.497
 Lettre de M. Caruel à M. Malinvaud (Caruel)
 24.983
 Lettre de Fernand Camus à Malinvaud (F.
 Camus) 24.420
 Lettre sur la publication des Monographiae
 Phanerogamarum (A.DC.) 24.479
 Leucobryacées de Madagascar (Cardot)
 24.773
 Leven der planten (*see* Bruinsma, V.)
 Liagora and Galaxaura (Butters) 23.985
 Lich. Dépt. Marne (Briss.) 22.965
 Lich. Dépt. Marne (*see* 22.967)
 Lichenen der Allgäuer Alpen (Britzelm.)
 23.065
 Lichenen der Flora von Augsburg (Brit-
 zelm.) 23.062
 Lichenen Est-, Liv- und Kurlands (*see* Brut-
 tan, A.)
 Lichenen von Augsburg (Britzelm.) 23.064
 Lichener fra Novaia-Zemlia (Branth) 22.574
 Lichener fra Scoresby Sund (Branth) 22.576
 Lichenes aus Südbayern (*see* Britzelmayr,
 M.)
 Lichenes exsiccati (Britzelm.) 23.068; *see*
 Britzelmayr, M.
 Lichenes exsiccati aus der Flora Augsburgs
 (*see* Britzelmayr, M.)
 Lichenes exsiccati aus der Flora von Augs-
 burg (Britzelm.) 23.067
 Lichenes exsiccati aus Südbayern (*see* Brit-
 zelmayr, M.)
 Lichenes exsiccati florum Augsburgensis
 Suppl. (*see* Britzelmayr, M.)
 Lichenes from the Faeröes (Branth) 22.577
 Lichen-flora Florida (Calk.) 24.122
 Lichen-flora of Chicago (Calk.) 24.123
 Lichenol. Finl. (Brenner) 22.784
 Lichenologin i Finland (Brenner) 22.784
 Lichenologisches (Britzelm.) 23.069
 Lichenologisches aus den Allgäuer Alpen
 (Britzelm.) 23.066
 Lichens (Briss.) 22.966
 Lichens de Chateau-Thierry (Briss.) 22.967

- Lichens du Département de la Marne (Briss.) 22.965
- Lichens in relation to forest site values (Brinkm.) 22.878
- Lichens observés dans les environs de Nîmes (Cabanès) 24.003
- Lich. Novaia-Zemlia (Branth) 22.574
- Liège dans le chêne-liège (C. DC.) 24.499
- Lieutenant Olufsen's second Pamir-Expedition, Musci (Broth.) 23.175
- Life and writings of Rafinesque (*see* Call, R.E.)
- Life cycle of *Macrozamia spiralis* (Brough) 23.205
- Life-history of a fungus parasitic on *Antirrhinum majus* (Buddin) 23.561
- Life history of *Schizaea pusilla* (E. Britton) 22.986
- Life-history of *Grevillea robusta* (Brough) 23.204
- Life-history of *Lemna minor* (O.W. Caldwell) 24.113
- Ligules du *Trithrinax campestris* (C. DC.) 24.575
- Limite géographique d'une espèce végétale (A.DC.) 24.498
- Linaloe heartwood (Bullock) 23.623
- Lindbergs *Taraxacum-förklarings* (Brenner) 22.804
- Linkage flower color factor and self-sterility factors (*see* 22.858)
- Linnaea borealis* f. *retinervis* (Brenner) 22.807
- Linnean artificial system of botany (*see* Castle, T.)
- List ferns Texas (Bush) 23.943
- List flowering plants of Baluchistan (Burkill) 23.767
- List fl. pl. Baluchistan (Burkill) 23.767
- List of British seed-plants and ferns (*see* Britten, J.)
- List of ferns in Borneo (*see* 23.642)
- List of species and genera of Indian phanerogams (C.C. Calder) 24.108
- List of species of *Scirpus* and *Rhynchospora* (Britton) 23.018
- List of state and local floras of the United States (Britton) 23.016
- List of the plants of Arkansas (Branner) 22.567
- Liste chronologique des publications d'Émile Burnat (*see* Burnat, É.)
- Liste des algues Baltique Polonaise (Bursa) 23.873
- Liste des Desmidiées (Bréb.) 22.696
- Liste des Hyménomycètes (Brunaud) 23.336
- Liste des publications scientifiques de J. Briquet (*see* Cavillier, F.)
- Lithocarpus Guineri* (A. Camus) 24.375
- Lodoicea maldivica* (Cammerloher) 24.181
- Loganiaceae (Cammerloher) 24.177
- Loganiaceae and Buddleiaceae Niederländisch-Indien (Cammerloher) 24.175
- Logic and memory in Linnaeus's system of taxonomy (*see* Cain, S.A.)
- Lois de la nomenclature botanique (*see* 23.024)
- London catalogue (*see* Britten, J.)
- London catalogue of British mosses (*see* Carrington, B.)
- London cat. Brit. pl. (*see* Briggs, T.R.A.)
- Lophozia lycopodioides* (Broeksmit) 23.103
- Loranthaceae of Southern India and their host plants (*see* 24.108)
- Lotta contro al *Cuscuta* (Campanile) 24.199
- Luzula campestris* (Buchenau) 23.515
- Lycopodiaceous plants (Carruthers) 24.896
- Lyginodendron oldhamium* (Brenchley) 22.767
- Lyhkaïnen kasvioppi ja kasvio (*see* Cajander, A.K.)
- Macroglossum* (Campb.) 24.248
- Madotheca* (Broeksmit) 23.105
- Männliche Pflanzen von *Anisothecium humile* (H. Buch) 23.450
- Malaysian species *Ixora* (Bremek.) 22.748
- Male trees of *Salix alba* (Burt Davy) 23.908
- Man. fl. Jackson County (*see* Bush, B.F.)
- Man. grass. N. Zeal. (Buchanan) 23.478
- Manicaria* (Burret) 23.839
- Manual de la flora de los Alrededores de Buenos Aires (*see* Cabrera, A.L.)
- Manual of the botany of the Northern United States (*see* 24.818)
- Manual of the flowering plants and ferns of the Transvaal (*see* Burt Davy, J.)
- Manual of the indigenous grasses of New Zealand (Buchanan) 23.478
- Manuel général des plantes et arbustes (*see* Carrière, É.)
- Marais salés (Brunotte) 23.358
- Marsilea* und *Pilularia* (A. Braun) 22.598
- Marsippospermum* (Buchenau) 23.519
- Materialen zur Bündnerflora (Braun-Blanq.) 22.657
- Materiales historia botanica* (Cav.) 25.127
- Materiali *Cuscutae* italiane (Campanile) 24.196
- Matériaux à l'histoire de la flore des Alpes maritimes (*see* 22.901, 22.917, 22.932; *see* Burnat, É.)

- Matériaux de mycologie Lombarde (Cavara) 25.136
- Matériaux du phytoplancton de la Polésie (Cabejsz.) 24.005
- Matériaux pour la flore française des Myxomycètes (Buchet) 23.525
- Matière médicale des Galibis (Cadet de Gass.) 24.034
- Medical botany (*see* Burnett, G.T.)
- Medicinal poisonous Aroids India (Caius) 24.064
- Medicinal poisonous campions India (Caius) 24.066
- Medicinal poisonous Composites India (Caius) 24.074
- Medicinal poisonous crowfoots India (Caius) 24.067
- Medicinal poisonous Crucifers India (Caius) 24.071
- Medicinal poisonous ferns India (Caius) 24.061
- Medicinal poisonous flaxworts India (Caius) 24.075
- Medicinal poisonous grasses India (Caius) 24.062
- Medicinal poisonous Labiates India (Caius) 24.076
- Medicinal poisonous Mallowworts (Caius) 24.078
- Medicinal poisonous orchids India (Caius) 24.063
- Medicinal poisonous plants India: Magnoliads, Dilleniads, Anonads, Menispermads, Berberids (Caius) 24.068
- Medicinal poisonous plants India: Waterlilies, Poppyworts, Fumitories (Caius) 24.070
- Medicinal poisonous plants India 1939a (Caius) 24.072
- Medicinal poisonous plants India 1939b (Caius) 24.073
- Medicinal poisonous plants India 1941 (Caius) 24.077
- Medicinal poisonous sedges India (Caius) 24.060
- Medicinal poisonous spurges India (Caius) 24.069
- Medicinal spiderworts of India (Caius) 24.065
- Medžiaga Lietuv. erysiph. (Brundza) 23.341
- Melastomaceae novae (Brade) 22.497
- Meliac. cent.-amer. (C. DC.) 24.590
- Meliaceae (C. DC.) 24.507
- Meliaceae centrali-americanae (C. DC.) 24.590
- Meliaceae costaricensis (C. DC.) 24.550
- Meliaceae et Rutacea nova (C. DC.) 24.553
- Méliaceae novae 1894 (C. DC.) 24.524
- Meliaceae novae 1907 (C. DC.) 24.555
- Meliaceae novae e Nova Guinea (C. DC.) 24.544
- Meliaceae, Expedition Gazelle (C. DC.) 24.515
- Mém. fam. Rhamnées (Brongn.) 23.115
- Mem. nom. for. trees (Burt Davy) 23.907
- Mémoire Cuspariées (DC.) 24.633
- Mémoire Rhizoctones (DC.) 24.624
- Mémoire sur Asteroma, Polystigma et Stilbospora (DC.) 24.628
- Mémoire sur Juglandées (C. DC.) 24.500
- Mémoire sur la famille des Bégoniacées (A.DC.) 24.466
- Mémoire sur la famille des Bruniacées (Brongn.) 23.116
- Mémoire sur la famille des Rhamnées (Brongn.) 23.115
- Mémoire sur la fertilisation des dunes (DC.) 24.612
- Mémoire sur la génération de l'embryon végétaux phanérogames (Brongn.) 23.118
- Mémoire sur le Cuviera (DC.) 24.617
- Mémoire sur le Drusa (DC.) 24.618
- Mémoire sur le genre Sclerotium (DC.) 24.625
- Mémoire sur le genre Xyloma (DC.) 24.627
- Mémoire sur le Vieusseuxia (DC.) 24.613
- Mémoire sur les glandes nectarifères (Brongn.) 23.133
- Mémoire sur les Lobéliacées (A. DC.) 24.451
- Mémoire sur Pipéracées (C. DC.) 24.502
- Mémoire sur Ternstroemiacées (DC.) 24.636
- Mémoire sur végétaux indigènes substituer aux végétaux exotiques (Burtin) 23.890
- Mémoires et souvenirs (DC.) 24.669
- Memorandum on the nomenclature of forest trees (Burt Davy) 23.907
- Memoria sulle mediche Tornata (Carmignani) 24.842
- Mém. Souv. (DC.) 24.669
- Merulius in North America (Burt) 23.884
- Mesembryanthema (N.E. Br.) 23.228
- Méth. anal. pl. phan. (DC.) 24.668
- Méthode analytique pour les plantes phanérogames (DC.) 24.668
- Methoden zur Untersuchung der Pilze (Bref.) 22.708
- Méthodes statistiques applicables aux recherches de floristique (Briq.) 22.897

- Méthodes statistiques en floristique (Briq.) 22.905
- Methods field work *Russula* (Burl.) 23.806
- Mezza centuria di specie (Caruel) 24.969
- Microcycas calocoma* (O.W. Caldwell) 24.115
- Micromycetes rariores selecti* (see Bubák, F.)
- Micromycetes tridentini* (see Bresàdola, G.)
- Microspores in Diatoms (Braarud) 22.488
- Mikrobiologie des Hochmoores (see Burgeff, H.[E.N.])
- Mikroskopische Pflanzenwelt des Süßwassers (see Bütschli, [J.A.] O.)
- Mikroskopische Untersuchung prähistorischer Hölzer (Burgerstein) 23.712
- Mimosaceae and Caesalpinaceae of Colombia (Britton) 23.061
- Minder bekende lokmiddelen van bloemen (Cammerloher) 24.176
- Minnesota trees shrubs (see Butters, F.K.)
- Minor products of Philippine forests (W.H. Br.) 23.257
- Min. prod. Philipp. for. (W.H. Br.) 23.257
- Miscellanée botanique (Caruel) 24.935
- Miscellanées mycologiques (Brunaud) 23.335
- Missouri *Agrimonia* (Bush) 23.950
- Missouri *Artemisia* (Bush) 23.952
- Missouri *Saxifraga* (Bush) 23.949
- Mittheilungen über Bündner- und Nachbar-Floren (Brügger) 23.300
- Mittheilungen über die Flora von Rehburg (Buchenau) 23.492
- Mittheilungen über Stieleichen (Buchenau) 23.487
- Mitth. Stieleichen (Buchenau) 23.487
- Monascus purpureus* in silage (R.E. Buchanan) 23.482
- Moniliagefahr (Brož) 23.272
- Monocotylie Ficaire (Bugnon) 23.608
- Monografia *Prosopis* (Burkart) 23.743
- Monograph of the genus *Heuchera* (Butters) 23.989
- Monograph of the genus *Pavetta* (Bremek.) 22.737
- Monograph of *Thuja* (R. Br.) 23.238
- Monographie der Juncaceen vom Cap (Buchenau) 23.491
- Monographie des Buplèvres des Alpes maritimes (Briq.) 22.917; see Burnat, É.
- Monographie des Centaurées des Alpes maritimes (Briq.) 22.932; see Burnat, É.
- Monographie des cryptogames vasculaires d'Europe (Buys.) 23.998
- Monographie des Ochnacées (DC.) 24.622
- Monographie des Orchidées de France (E.G. Camus) 24.391
- Monographie du genre *Galeopsis* (Briq.) 22.896
- Monographie Globulaires (Cambess.) 24.159
- Monographies genres à espèces nombreuses (A.DC.) 24.492
- Monographische Übersicht der Gattung *Erodium* (Brumh.) 23.319
- Monogr. Buplèvres Alp. marit. (Briq.) 22.917
- Monogr. crypt. vasc. Europe (Buys.) 23.998
- Monogr. *Galeopsis* (Briq.) 22.896
- Monogr. genres esp. nombr. (A.DC.) 24.492
- Monogr. *Heuchera* (Butters) 23.989
- Monogr. *Junc. Cap* (Buchenau) 23.491
- Monogr. *Orchid.* (see Camus, E.-G.)
- Monogr. Phaner. (see 24.972)
- Monogr. Übers. *Erodium* (Brumh.) 23.319
- Monstrosität von *Lilium candidum* (A. Braun) 22.621
- Monstrosités végétales (DC.) 24.666
- Monstruosité du *Cyclamen neapolitanum* (C. DC.) 24.512
- Mont Vuache (Briq.) 22.906
- Moose arct. Küst.-Geb. Siberien (Broth.) 23.183
- Moose des arctischen Küstengebietes von Siberien (Broth.) 23.183
- Moosflora der Bukowina (Breidl.) 22.719
- Morées et Artocarpées de la Nouvelle Calédonie (Bureau) 23.679
- Morfologia e biologia di *Hymenogaster* (Cavara) 25.141
- Morfologia vegetale (Caruel) 24.958
- Morf. veg. (Caruel) 24.958
- Morphological study *Naias* (Campb.) 24.214
- Morphological study *Pallavicinia* (Campb.) 24.247
- Morphologie et biologie végétales (C. DC.) 24.546
- Morphologische Studien an *Chistiocaulon* (H. Carl) 24.824
- Morphologische Studien über die Gestaltungs-Gesetze der Naturkörper (Bronn) 23.145
- Morphologische, anatomische und biologische Untersuchungen über *Hottonia palustris* (Brokschmidt) 23.107
- Morphology and systematic position of *Podomitricum* (Campb.) 24.252
- Morphology biology *Odontia* (C.A. Br.) 23.210
- Morphology *Calycularia Radiculosa* (Campb.) 24.246

- Morphology of *Araucaria brasiliensis* (Burlingame) 23.800
- Morphology of *Podaxis pistillaris* (Brasf.) 22.579
- Morphonomia botanica (Cassel) 25.050
- Morph. Stud. Gestalt.-Gesetze (Bronn) 23.145
- Morph. Stud. Naias (Campb.) 24.214
- Morph. stud. Pallavicinia (Campb.) 24.247
- Morph. Unters. Hottonia (Brokschmidt) 23.107
- Moseniella (Broth.) 23.190
- Moslite fra Nordbyknöl (Bryhn) 23.373
- Mossen en varens (Broekhuizen) 23.099
- Mosses from Alaska (Cardot) 24.786
- Mosses from Florida collected by Severin Rapp (E. Britton) 22.996
- Mosses from Syria (M.S. Br.) 23.223
- Mosses North America (Cardot) 24.768
- Mosses of Alaska (see Cardot, J.)
- Mosses of Bermuda (E. Britton) 22.994
- Mosses of El Yunque (E. Britton) 23.003
- Mosses of Lord Howe Island (Broth.) 23.188
- Mosses of New South Wales (Burges) 23.718
- Mosses of the Azores and Madeira (Cardot) 24.762
- Mosses of the Yarrangobilly Caves (Broth.) 23.187
- Moss. varens (Broekhuizen) 23.099
- Mousse à péristome asymétrique (Cardot) 24.789
- Mosses Archipel indien (Cardot) 24.770
- Mousses de Kerguelen (Cardot) 24.813
- Mousses de l'Expédition Charcot (Cardot) 24.784
- Mousses de l'Expédition nationale antarctique écossaise (Cardot) 24.803
- Mousses de l'île Formose (Cardot) 24.783
- Mousses de la Normandie* (see Brébisson, [L.] A. de)
- Mousses de Madagascar (Cardot) 24.814
- Mousses des Ardennes (Cardot) 24.742
- Mousses des Canaries (see Cardot, J.)
- Mousses Jersey Guernesey (Cardot) 24.748
- Mousses Kouy-Tcheou (Cardot) 24.775
- Mousses nouvelles Amérique Nord (Cardot) 24.754
- Mousses nouvelles de l'Herbier Boissier (see Cardot, J.)
- Mousses nouvelles du Japon et de Corée (Cardot) 24.787
- Mousses rapportées par la seconde expédition antarctique française (Cardot) 24.802
- Mousses, Expédition antarctique française (Cardot) 24.785
- Mucor racemosus (Bref.) 22.707
- Mulberry disease (E.J. Butler) 23.978
- Musci (Broth.) 23.199
- Musci africani (Broth.) 23.161
- Musci amazonici et subandini Uleani (Broth.) 23.176
- Musci Americae septentrionalis exsiccati* (see Cardot, J.)
- Musci Americanae septentrionalis exsiccati* (see Cardot, J.)
- Musci, Botanische Expedition nach Südbrasilien (Broth.) 23.194
- Musci, British Antarctic Expedition (Cardot) 24.799
- Musci costaricensis (see Cardot, J.)
- Musci Deutsche Zentral-Afrika-Expedition (Broth.) 23.185
- Musci Deut. Zentr.-Afr.-Exp. (Broth.) 23.185
- Musci Europaei exsiccati* (see Cardot, J.)
- Musci exotici novi vel minus cogniti (see Cardot, J.)
- Musci frondosi (Broth.) 23.169
- Musci halconenses (Broth.) 23.179
- Musci lapponicae kolaënsis (see Brotherus, V.F.)
- Musci, Monsunia (Broth.)* 23.167
- Musci, National Antarctic Expedition (Cardot) 24.790
- Musci neerlandici (see Buse, L.H.)
- Musci nonnulli chilenses (Broth.) 23.196
- Musci novi Dussiani (Broth.) 23.171
- Musci novi insularum Guineensium (Broth.) 23.155
- Musci novi japonici 1920 (Broth.) 23.191
- Musci novi japonici 1928 (Broth.) 23.198
- Musci novi papuani (Broth.) 23.158
- Musci novi philipp. (Broth.) 23.181
- Musci novi philippinenses (Broth.) 23.181
- Musci novi sin. (Broth.) 23.193
- Musci novi sinenses (Broth.) 23.193
- Musci novi transcaspici (Broth.) 23.154
- Musci nov. jap. (Broth.) 23.191
- Musci Schenckiani (Broth.) 23.160
- Musci, Symbolae Sinicae (Broth.) 23.200
- Musci Voeltzkowiani (Broth.) 23.180
- Musci Weberb. (Broth.) 23.192
- Musci Weberbaueriani (Broth.) 23.192
- Muscinées Archipel de Bréhat (F. Camus) 24.415
- Muscinées de l'Île de Groix (F. Camus) 24.412
- Muscinées des environs de Spa (see Cardot, J.)
- Muscinées pour la région bretonne-vendéenne (F. Camus) 24.422
- Muscinées récoltées dans le Nord-Ouest de la Péninsule ibérique (H. Buch) 23.466

- Muscinéés Valais (F. Camus) 24.410
 Musée botanique de M. Benjamin Delessert (A.DC.) 24.455
 Muséum d'histoire naturelle (Cap) 24.689
 Mussaendopsis (Bremek.) 22.755
 Mutation als Ursache der Kleistogamie (Burck) 23.667
 Mutationsrichtungen der Marchantia polymorpha (Burgeff) 23.705
 Mutisieas argent. nuevas (Cabrera) 24.016
 Mutisieas argentinas nuevas (Cabrera) 24.016
 Mycetes australiensis novi (Bres.) 22.834
 Mycetes lusitanici novi (Bres.) 22.840
 Mycétomes (Brumpt) 23.320
 Mycological English-Latin glossary (see Cash, E.K.)
 Mycotrophism in the Rutaceae (Borges) 23.719
 Mykol. Beitr. (Bubák) 23.406
 Mykol. Beitr. Bosn. Bulg. (Bubák) 23.398
 Mykologische Beiträge (Bubák) 23.406
 Mykologische Beiträge aus Bosnien und Bulgarien (Bubák) 23.398
 Mykologiska notiser (see 22.798)
 Myrsinaceae novae tonkinenses (Aug. DC.) 24.676
 Myrtaceen-Gattung (Burret) 23.867
 Myxomonas betae parasite des Betteraves (Brzez.) 23.388
 Myxomyceten in 1922 en 1923 (Broeksmit) 23.101
 Myxomycètes de Madagascar (see Buchet, S.)
 Myxomycetes de Roumanie (see Brândză, M.A.)
 Nacelles paléales Filago gallica (Briq.) 22.954
 Nachr. Fl. Nieder-Oesterr. (see Braun, H.)
 Nachträge Sisalagaven (see 22.640)
 Nachträge zu Huth's Flora von Frankfurt (Brand) 22.509
 Nachträge zur Flora von Schwaben und Neuburg, insbesondere der Umgebung von Augsburg (Caflich) 24.044
 Nachträge zur Lichenenflora von Augsburg (see 23.062)
 Nachträge zur Uebersicht der Flora von Augsburg (Caflich) 24.042
 Nachträge zur Vergleichenden Anatomie der Melanthoideae (Buxb.) 23.995
 Nachträgliche Bemerkungen zur Verbreitung der Fungi hypogaei in Russland (see 23.540)
 Nachträgliche Mittheilungen über die Marsilea und Pilularia (see 22.614)
 Nadelhölz. Ind. (Brandis) 22.546
 Nadelhölzer (Burgerstein) 23.708
 Nadelhölzer Indiens (Brandis) 22.546
 Några kottfjällsformer hos den vanliga granen (Brenner) 22.816
 Några lapska Taraxacum-former (Brenner) 22.797
 Några Linnaea-former i Finland (Brenner) 22.800
 Några ord med anledning af H. Lindbergs "Taraxacum-Former" (see 22.803)
 Några Taraxacum officinale-former (Brenner) 22.798; see 22.789
 Några växtsynonymiska data (Brenner) 22.796
 Namation (Brand) 22.520
 Namen Bäume deut. Schweiz (Brandstetter) 22.551
 Namen der Bäume und Sträucher in Ortsnamen der deutschen Schweiz (Brandstetter) 22.551
 N. Amer. Fl. (see Britton, E.G., Burlingham, G.S.)
 Names herbs Turner (Britten) 22.971
 Names of herbs by William Turner (Britten) 22.971
 Narcisses Corbularia (Bureau) 23.695
 Nastus (A. Camus) 24.321
 Nastus Humbertianus (A. Camus) 24.378
 Nat. Hist. Hawaii (W.A. Bryan) 23.369
 Native flora of New South Wales, Federal Capital Territory (Cambage) 24.158
 Nat. lands. N.-W. Chihuahua (Don. Brand) 22.528
 Natl. Antarct. Exp. (see 24.790)
 Nat. Pflanzenfam. (see 23.301; Brotherus, V.F., Buchenau, F.[G.P.])
 Natürlichen Wälder der Schweiz (Brockm.-Jer.) 23.082
 Natural history of Hawaii (W.A. Bryan) 23.369
 Natural landscape northwestern Chihuahua (Don. Brand) 22.528
 Naturalisation du Commelina communis (Calloni) 24.149
 Naturalist's wanderings in the Eastern Archipelago (see Carruthers, W.)
 Nature of graft-hybrids (Campb.) 24.240
 Nature of the embryo sac of Peperomia (W.H. Br.) 23.244
 Naturgesch. Beitr. Chur (Brügger) 23.297
 Naturgeschichte der höheren Thiere (see Bujack, J.G.)
 Naturgeschichtliche Beiträge zur Kenntnis der Umgebungen von Chur (Brügger) 23.297
 Nat. violet hybr. N. Amer. (Brainerd) 22.508

- Nectria cinnabarina* (Brick) 22.855
Nengella und *Leptophoenix* (Burret) 23.868
Neoabbottia (Britton) 23.058
Neotessmannia (Burret) 23.833
 Neue *Agaricaceen*-Gattung aus Böhmen (Bubák) 23.409
 Neue Art *Pelagodoxa* (Burret) 23.836
 Neue Arten der Gattung *Bersama* (Brehmer) 22.717
 Neue Arten von Guinea (Büttner) 23.588
 Neue Beiträge zur Flora der Provinz Hannover (W. Brandes) 22.543
 Neue Beiträge zur Flora Vorarlbergs (*see* 23.307)
 Neue Beiträge zur Kenntnis der *Polemoniaceen* (Brand) 22.522
 Neue Beiträge zur Moosflora Japans (Broth.) 23.166
 Neue *Borraginaceen*-Studien (Brand) 22.524
 Neue *Copernicia*-Art aus Paraguay (*see* 23.839)
 Neue Farne Papuasians (Brause) 22.678
 Neue Formen und Standorte für die Bündner Flora (Braun-Blanq.) 22.647
 Neue Fossilfunde aus dem Quartär (Brockm.-Jer.) 23.079
 Neue Gattungen und Arten der *Cynoglosseae* (Brand) 22.523
 Neue *Hyphomyceten*-Gattung (Bubák) 23.432
 Neue *Imperfecten* aus Böhmen und Tirol (Bubák) 23.413
 Neue in Neuseeland entdeckte Art der Gattung *Isoëtes* (A. Braun) 22.611
 Neue Laubm.-Gatt. (Broth.) 23.182
 Neue Laubmoosgattungen (Broth.) 23.182
 Neue moossystematische Methodik (H. Buch) 23.460
 Neue oder kritische Pilze (Bubák) 23.415
 Neue Palmen aus Neu-Guinea (Burret) 23.859
 Neue Palmengattung aus Südamerika (Burret) 23.849
 Neue Palmengattung Molukken (Burret) 23.835
 Neue Pilze aus Mähren (Bubák) 23.435
 Neue Pilze Russland (Bubák) 23.429
 Neue *Rhizosphaera* (Bubák) 23.430
 Neue *Tilletia*-Art (Bubák) 23.424
 Neue und kritische Arten der Palmengattung *Mauritia* (Burret) 23.841
 Neue Untersuchungen *Stipa*-Granne (J. Cahn) 24.046
 Neue Untersuchungen über die Brandpilze (Bref.) 22.711
 Neue *Uromyces* (Bubák) 23.403
 Neuere Untersuchungen über *Marsilea* und *Pilularia* (A. Braun) 22.614
 Neuf genres nouveaux des *Malvacées* (Cav.) 25.122
 Neun für Finnland neue Lebermoose (H. Buch) 23.459
 Neun Lebermoose (H. Buch) 23.459
 Neuvième notice sur les plantes rares (DC.) 24.667
 New American fossil moss (E. Britton) 22.993
 New British *Hepaticae* (Carrington) 24.871
 New Californian liverwort (Campb.) 24.212
 New Colorado *Discomycetes* (E.K. Cash) 25.003
 New fern-like stem (I. Browne) 23.262
 New Flora of Krakatau (Campb.) 24.237
 New genus of *Cactaceae* (Britton) 23.037
 New genus of grasses (Bush) 23.944
 New genus *Rafflesia* (R. Br.) 23.233
 New Hawaiian plants (Caum) 25.108
 New Hawai. pl. (Caum) 25.108
 New *Hepatic* (Carrington) 24.873
 New illustrated British Flora (*see* Butcher, R.W.)
 New *Ixora* species from Assam (Bremek.) 22.754
 New *Ixora* species from the Solomon Islands (Bremek.) 22.759
 New native plants (Buchanan) 23.479
 New North American phanerogams (Britton) 23.011
 New Palms Fiji (Burret) 23.866
 New plants from Missouri (Bush) 23.942
 New plants from the northern Transvaal (Bremek.) 22.733
 New records of Hawaiian *Discomycetes* (E.K. Cash) 25.006
 New *Schiedea* (Caum) 25.110
 New South African plants (Burt Davy) 23.899
 New species *Fontinalis* (Cardot) 24.772
 New species of *Hydnocarpus* (C. DC.) 24.584
 New species of *Ixora* (Bremek.) 22.752
 New species of plants from Mexico (Brandegge) 22.539
 New species of *Schiedea* (Caum) 25.110
 New species *Riella* (Cavers) 25.175
 New tertiary fossil moss (E. Britton) 22.983
 New Texas plants (Bush) 23.948
 New theory of the morphology of the *Calamarian* cone (I. Browne) 23.270
 New trees tropical Africa (Burt Davy) 23.905

- New variety of *Salix alba* (Burt Davy) 23.913
 New weed (Caum) 25.107
Nivenia (N.E. Br.) 23.229
Noeggerathia (*see* 23.129)
Noeggerathia and *Tingia* (I. Browne) 23.271
Noggerathia (Brongn.) 23.129
 Nomenclature of hybrids (*see* Camp, W.H.)
 Nomenclaturfragen (Buchenau) 23.514
 Noms spécifiques des plantes (Caruel) 24.925
Nonnulla de parasitis quibusdam phanerogamicis observata (E.F.W. Brandt) 22.554
Nordfinska fl. (Brenner) 22.786
Nordfinska floran (Brenner) 22.786
 North American *Chaerophyllum Triodia* (Bush) 23.941
 North American Golden Rods (Rob. Campb.) 24.280
 North American species of *Clavaria* (Burt) 23.886
 North American species of *Fuirena* (Bush) 23.946
 North American species of the genus *Lespedeza* (Britton) 23.019
 North American Tremellaceae (Burt) 23.885
Nota Collema (Caruel) 24.926
Nota sul genere Galilea (Caruel) 24.947
Notas Compuestas Argentina (Cabrera) 24.010
Notas fanerogámicas (Castellanos) 25.061
Notas fitogeogr. crit. (Cadevall) 24.039
Notas fitogeográficas críticas (Cadevall) 24.039
Notas Mutisia (Cabrera) 24.014
Notas sobre Compuestas de la flora platense (Cabrera) 24.006
Notas sobre el género Mutisia (Cabrera) 24.014
Notas sobre los Senecio sudamericanos (Cabrera) 24.013
Note botaniche (Buscal.) 23.916
Note complémentaire Entandrophragma (*see* 24.524)
Note complémentaire sur les colonies végétales xérothermiques Vallée de l'Arve (*see* 22.926)
Note Cucurbitacées (DC.) 24.639
Note Fontinale Rhône (Cardot) 24.753
Note on Calamostachys tuberculata (I. Browne) 23.269
Note on the East Himalayan species of Alan-gium (G. Cave) 25.171
Note sur l'Hordeum Rubens (*see* 23.815)
Note sur la famille des Santalacées (A.DC.) 24.465
Note sur le Colocasia odora (Brongn.) 23.124
Note sur le feuillage des Cliffortia (DC.) 24.637
Note sur le genre Uropedium (Brongn.) 23.131
Note sur le genre Weigelia (A. DC.) 24.450
Note sur le Merulius (Brond.) 23.110
Note sur les Bignoniacées de la Nouvelle-Calédonie (Bureau) 23.674
Note sur les bractées de Palaeostachya gracilis (I. Browne) 23.266
Note sur les Myrtacées (DC.) 24.641
Note sur Myristicacées (A. DC.) 24.462
Note sur quelques inflorescences de Crosso-theca (Carpentier) 24.850
Note sur un nouveau caractère observé dans le fruit des chênes (A. DC.) 24.467
Note sur un nouveau genre de la famille des Broméliacées (Brongn.) 23.135
Note sur un nouveau genre de Cycadées du Mexique (Brongn.) 23.128
Note Typha (A. Camus) 24.286
Notes biologiques (Burck) 23.655
Notes Brazilian flora (Campb.) 24.272
Notes bryologiques (Cardot) 24.792
Notes concernant la conservation des herbiers (Cavill.) 25.180
Notes Eryngium (Britten) 22.975
Notes floristiques sur la chaîne des Aravis (E.G. Camus) 24.398
Notes floristiques sur les Alpes lémaniennes (Briq.) 22.887
Notes fossil plants (Carruthers) 24.892
Notes from a journey to Nepal (Burkill) 23.771
Notes journ. Nepal (Burkill) 23.771
Notes on a list of plants collected in South-eastern Missouri in 1893 (Bush) 23.938
Notes on Cactaeae (K. Brandegee) 22.533
Notes on collecting ferns (Campb.) 24.250
Notes on Cyperaceae (*see* Carrington, B.)
Notes on economic plants (Cantley) 24.688
Notes on Fissidens (E. Britton) 22.995
Notes on Gluta in Malaya (Burkill) 23.792
Notes on New British Hepaticae (*see* 24.871)
Notes on some Canadian hepatics (Brinkm.) 22.876
Notes on some Chenopodiaceae (J. Carey) 24.820
Notes on some Florideae (Buffham) 23.593
Notes on the Acanthaceae of Surinam (Bremek.) 22.751
Notes on the algae of Iowa (R.E. Buchanan) 23.481

- Notes on the botany of some southern swamps (*see* Bush, B.F.)
- Notes on the botany of the interior of New South Wales (Cambage) 24.157
- Notes on the Californian species of *Trillium* (R.P. Brandt) 22.559
- Notes on the cones of the *Calamostachys* (I. Browne) 23.267
- Notes on the flora and fauna of Lehua (Caum) 25.109
- Notes on the genus *Calostoma* (Burnap) 23.812
- Notes on the pollination of flowers in India (Burkill) 23.759
- Notes on the Rubiaceae of Surinam (Bremek.) 22.735
- Notes on the Rubiaceae of Tropical Asia (Bremek.) 22.747
- Notes on trees and shrubs of Missouri (*see* Bush, B.F.)
- Notes on Yorkshire Bryophytes (Cavers) 25.174
- Notes *Russula* (Burl.) 23.810
- Notes sur des Rosacées d'extrême-orient (Cardot) 24.811
- Notes sur la flore du Massif de Platé (Briq.) 22.907
- Notes sur la géographie botanique du Tessin méridional (Calloni) 24.137
- Notes sur les jardins botaniques alpins (*see* Burnat, É.)
- Notes sur quelques Alchimilles (Buser) 23.927
- Notes sur quelques *Cymbopogon* odorants (*see* 24.299)
- Notes sur quelques genres de Graminées (A. Camus) 24.302
- Notes sur quelques phanérogames de l'Oberland bernois (*see* Cavillier, F.)
- Notes sur un voyage botanique dans les Iles Baléares (Burnat) 23.815
- Not. fl. Lehua (Caum) 25.109
- Notice abrégée sur l'histoire et l'administration des jardins botaniques (DC.) 24.632
- Notice arbres Suisse (DC.) 24.660
- Notice biographique sur Émile Burnat (*see* Cavillier, F.)
- Notice botanique Inde orientale (DC.) 24.647
- Notice Champignons (C.-E. Cazin) 25.189
- Notice Élie Durand (Bureau) 23.682
- Notice Herbarium Delessert (Briq.) 22.909
- Notice historique sur Desfontaines (DC.) 24.656
- Notice mousses Belgique (Cardot) 24.743
- Notice préliminaire sur les mousses Expedition antarctique suédoise (Cardot) 24.782
- Notice sur écorces confondues de *Quinquina* (DC.) 24.646
- Notice sur la *Arracacha* (DC.) 24.644
- Notice sur la botanique du Brésil (DC.) 24.642
- Notice sur la Jardin botanique de Genève (A. DC.) 24.456
- Notice sur la longévité des arbres (DC.) 24.649
- Notice sur les arbres indigènes et exotiques de la Suisse (A. DC.) 24.447
- Notice sur les graines d'*Ananas* (DC.) 24.661
- Notice sur les Palmiers de la Nouvelle-Calédonie (Brongn.) 23.140
- Notice sur les progrès de la botanique (DC.) 24.653
- Notice sur les Saxifragées - Cunoniées (Brongn.) 23.134
- Notice sur les travaux scientifiques de M.E. Bureau (Bureau) 23.681
- Notice sur M.J.F. de Chaillet (DC.) 24.664
- Notice sur siliculeuses (DC.) 24.609
- Notices sur les plantes rares (DC.) 24.635
- Notiz zur Flora von Oberösterreich (*see* 22.976)
- Notizie flora ruderalia Sicilia (Cannarella) 24.680
- Not. Jard. bot. Genève (A. DC.) 24.456
- Not. Syst. (*see* 24.569, 24.811, 24.812)
- Not. trav. sci. Bureau (Bureau) 23.681
- Not. voy. bot. Baléar. (Burnat) 23.815
- Nouv. contr. fl. bryol. Brésil (Broth.) 23.162
- Nouveaux champignons de la vigne (Cavara) 25.133
- Nouveaux éléments d'histoire naturelle médicale (Cauvet) 25.119
- Nouvel Apocopis (A. Camus) 24.288
- Nouv. élém. hist. nat. méd. (Cauvet) 25.119
- Nouvelle classification Leucobryacées (Cardot) 24.765
- Nouvelle contribution à la flore bryologique des Iles atlantiques (Cardot) 24.778
- Nouvelle espèce du *Urocystis* (Bubák) 23.442
- Nouvelle étude des Hypoascidies de *Ficus* (C. DC.) 24.542
- Nouvelle note sur les *Orchis* (*see* 24.389)
- Nouvelles considérations sur la phyllotaxie (C. DC.) 24.525
- Nouvelles contributions à la flore bryologique du Brésil (Broth.) 23.162
- Nouvelles espèces malgaches *Aristida Sporobolus* (A. Camus) 24.327
- Nouvelles études *Doronicum* (Cavill.) 25.184
- Nouvelles formes *Violettes* (Calloni) 24.150

- Nouvelles glanures bryologiques (F. Camus) 24.406
- Nouvelles notes floristiques sur les Alpes lémaniennes (Briq.) 22.921
- Nouvelles observations *Erythronium* (Briq.) 22.916
- Nouvelles recherches l'épiderme végétaux (Brongn.) 23.123
- Nouvelles recherches sur le pollen et les granules spermatiques des végétaux (Brongn.) 23.120
- Nouvelles recherches sur le type sauvage de la pomme de terre (A.DC.) 24.494
- Nouvelles recherches sur les Pipéracées (C. DC.) 24.510
- Nova Caledonia (*see* Candolle, [A.] C.[P.] de)
- Nova cartonematis species (Caruel) 24.966
- Nova Guinea (*see* Burck, W.)
- Nova Guinea, Bot. (*see* 24.566)
- Novae physicae berolinenses (*see* Buch, C.L. von)
- Novae species andinae *Symplocos* (Brand) 22.512
- Novità floristiche Tripolitania (Cavara) 25.165
- Novo genero de Scrophulariaceae (Brade) 22.495
- Nueva especie de *Prosopis* (Burkart) 23.737
- Nueva especie *Leuceria* (Cabrera) 24.020
- Numbered trees, shrubs and lianes in the forest of Mount Gedé (Bruggeman) 23.303
- Nuova avventicia Flora romana (Carano) 24.725
- Nuova pianta economica *Omphalea oleifera* (Calvino) 24.154
- Nuova stazione *Solidago serotina* (Cavara) 25.143
- Nuove essenze forest. (Cavara) 25.163
- Nuove essenze forestali (Cavara) 25.163
- Nuove osserv. Diat. Mare (Castracane) 25.090
- Nuove osservazioni flora fungina (Cappelletti) 24.706
- Nuove osservazioni vegetazione delle Diatomee nel Mare (Castracane) 25.090
- Nuove ricerche embriologia Asteraceae (Carano) 24.726
- Nuove specie di imenomiceti (Bres.) 22.829
- Nuovi argomenti diatomee (Castracane) 25.083
- Nuovi orizzonte della botanica (Cavara) 25.161
- Nuov. orizz. bot. (Cavara) 25.161
- Nuovo tipo di licheni a tallo conidifero (Briosi) 22.886
- Nuovo tipo lich. (Briosi) 22.886
- Nuphar der Vogesen (Casp.) 25.031
- Nuphar Lappland's (Casp.) 25.030
- Nuphar luteum var. *rubropetalum* (Casp.) 25.024
- Nya bidrag till den Nordfinska floran (Brenner) 22.808
- Nya bidr. Nordfinska fl. (Brenner) 22.808
- Nya *Linnaea*-former från Ingå (*see* 22.806)
- Nya *Taraxacum officinale*-former (*see* 22.789)
- Nya växtfynd från Nyland (Brenner) 22.802
- Nya växtfynd från västra Nyland (*see* 22.797)
- Nyb. Hjelmar-Öarn. Veg. (Callmé) 24.136
- Nybildade Hjelmar-Öarnes vegetation (Callmé) 24.136
- O rezích Rubiac. (Bubák) 23.393
- O rezích Rubiaceich (Bubák) 23.393
- Oaks Northern China (Carruthers) 24.878
- Oaks of Illinois (*see* 22.771)
- Obs. Compos. (DC.) 24.662
- Observaciones botánicas (Cav.) 25.130
- Observaciones sobre plantas del puerto Jackson (Cav.) 25.126
- Observations Capparidées (Cambess.) 24.161
- Observations critiques sur les conceptions actuelles de l'espèce végétale (Briq.) 22.919
- Observations flore du Tessin méridional (*see* 24.152)
- Observations on *Fusicladium saliciperдум* (F.T. Brooks) 23.148
- Observations on *Rhodymenia* (Butters) 23.983
- Observations on the life-history of *Nectria galligena* (Cayley) 25.185
- Observations on the organs and mode of fecundation in Orchideae and Asclepiadeae (R. Br.) 23.235
- Observations on *Trichogloea lubrica* (Butters) 23.984
- Observations sur l'*Agaricus* (Brond.) 23.109
- Observations sur l'enroulement des vrilles (C. DC.) 24.506
- Observations sur l'*Heterotoma lobelioides* (Caruel) 24.918
- Observations sur l'inflorescence (Carlet) 24.829
- Observations sur l'inflorescence du Tilleul (C. Brunner fils) 23.349
- Observations sur la famille des Composées (DC.) 24.662
- Observations sur la pulpe (Caruel) 24.919
- Observations sur les Pandanées de la Nouvelle Calédonie (Brongn.) 23.142

- Observations sur les plantes composées (DC.) 24.620
- Observations sur les végétaux fossiles (Brongn.) 23.113
- Observations sur quelques Labiées Valaisannes (Briq.) 22.908
- Observations sur quelques Roses de l'Italie (Burnat) 23.819
- Observations tératologiques (C. DC.) 24.551
- Obs. inflorescence (Carlet) 24.829
- Obs. organs fecund. Orch. Asclep. (R. Br.) 23.235
- Obs. Roses Ital. (Burnat) 23.819
- Ochlandra Perriera (A. Camus) 24.371
- Oekol. Ackerunkr. N.O.-Schweiz (M. Buchli) 23.533
- Oekologie der Ackerunkräuter der Nordostschweiz (M. Buchli) 23.533
- Ökologie der Mediterranpflanzen (Braun-Blanq.) 22.667
- Oenocarpus und Jessenia (Burret) 23.837
- Øst Expedition to the Denmark Strait, Phytoplankton (Braarud) 22.487
- Old English wild flowers (J.T. Burgess) 23.728
- Old Engl. wild fl. (J.T. Burgess) 23.728
- Om tallens och granens kortbarriga former (Brenner) 22.794
- Om vegetationen i urskogen kring floden Lena (Cajander) 24.086
- Omnia Bresadolina extracta in unum collecta (see Bresàdola, G.)
- On Carlemannia and Sylvianthus (Bremek.) 22.756
- On fungi found in the neighbourhood of Bath (Broome) 23.151
- On Graptolites (see Carruthers, W.)
- On Pisonia obtusata (Britton) 23.026
- On pseudodichotomy in *Aloë transvaalensis* (Bremek.) 22.729
- On some mosses from the blue mountain of Cuba (E. Britton) 23.000
- On some of the fungi found in the Bath district (Broome) 23.150
- On the anatomy of *Danaea* (Brebner) 22.699
- On the distribution of Hepaticae (Campb.) 24.230
- On the female flower and fruit of *Rafflesia Arnoldi* (R. Br.) 23.237
- On the flora of the Manku district (see 24.900)
- On the irritable stigmas of *Torenia Fournieri* (Burck) 23.665
- On the original portraits of Linnaeus (see Carruthers, W.)
- On the vegetable remains in the Egyptian Museum in Berlin (see 22.631)
- Onderzoekingen over de Platanaceae (J. Brouwer) 23.207
- Onderz. Platanac. (J. Brouwer) 23.207
- Ontw.-gesch. nat. (Buekers) 23.569
- Ontwikkelings-geschiedenis der levende natuur (Buekers) 23.569
- Opening mechanism Acanthaceous fruit (Bremek.) 22.728
- Ophrys Alpes-maritimes (A. Camus) 24.333
- Ophrys exaltata (A. Camus) 24.377
- Opmerkingen over *Erythroxyton Coca* (Burck) 23.658
- Opuntia elatior* (W. Burns) 23.828
- Orchidaceae Hoppianae (see 23.853)
- Orchidaceae novae brasiliensis (Campos-Porto) 24.285
- Orchidée nouvelle (Briq.) 22.928
- Orchideen des temperirten und kalten Hauses (see 23.640)
- Orchidées Orient (A. Camus) 24.348
- Orchidées St.-Tropez (A. Camus) 24.328
- Orchidées Vallée Thorenc (A. Camus) 24.291
- Orchids (L. Castle) 25.078
- Orchis militaris*, *purpurea*, *simia* (E.G. Camus) 24.389
- Orchiserapias nouveau* (A. Camus) 24.340
- Organisation florale des Cynaroidées (Briq.) 22.960
- Organisation florale Rubiacées (Burck) 23.651
- Organisation libéroligneuse Mercuriale (Bugnon) 23.600
- Organisation libéroligneuse Mercurialis annua (Bugnon) 23.605
- Oriental vernacular names *Dioscorea* (Burkill) 23.785
- Origin and relationships of the Araucarians (Burlingame) 23.801
- Origin Hawaiian flora (Campb.) 24.256
- Origin land plants (Campb.) 24.271
- Origin of terrestrial plants (Campb.) 24.226
- Origin of the flora of the Central Kalahari (Bremek.) 22.743
- Origine botanique de quelques plantes cultivées (A. DC.) 24.495
- Origine des *Datura stramonium* (A. DC.) 24.460
- Origine des plantes cultivées (see 24.489)
- Origine des plantes domestiques (Carrière) 24.868
- Origine du Cran (A. DC.) 24.458

- Origine et le développement des flores dans le Massif central de France (Braun-Blanq.) 22.666
- Origine géographique des espèces cultivées Cucurbita (A.DC.) 24.496
- Origine phylogénique plantes vasculaires (Bugnon) 23.604
- Ornitofilia del *Melanthus major* (Cavara) 25.157
- Orobanche *Cirsii oleracei* (Casp.) 25.023
- Orobanche *pallidiflora* (Casp.) 25.032
- Orthomniopsis und *Okamuraea* (Broth.) 23.178
- Orthotrichum sprucei* (Cardot) 24.744
- Orthotrichum stellatum* (E. Britton) 23.004
- Orto Mus. bot. Pisa (Caruel) 24.945
- Orto Museo botanico Pisa (Caruel) 24.945
- Osservazione sui *Seseli elatum* e *S. Gouani* (Calest) 24.117
- Osservazioni fenologiche (Caruel) 24.968
- Osservazioni morfologiche gimnosperme (Cavara) 25.150
- Osservazioni sui generi *Homoeocladia* e *Schizonema* (Castracane) 25.086
- Osservazioni sul *Cynomorium* (Caruel) 24.951
- Osservazioni teratologiche sulla flora del Modenese (J. Camus) 24.436
- Othake (Bush) 23.945
- Outline of plant geography (Campb.) 24.265
- Outline pl. geogr. (Campb.) 24.265
- Outlines Bot. (Burnett) 23.823
- Outlines of botany (Burnett) 23.823
- Ouvrages sur le genre des Saules (DC.) 24.650
- Over Myxomyceten (Broeksmitt) 23.100
- Over planten, die in de vrije natuur het karakter dragen van tusschenrassen (Burck) 23.668
- Oxalis* in India (C.C. Calder) 24.107
- Oxytropis* (Bunge) 23.635
- Paddestoelen (V. Bruinsma) 23.318
- Paléontologie végétale 1-re Partie: Paléozoïque (Carpentier) 24.856
- Palmae cub. (Burret) 23.840
- Palmae cubenses (Burret) 23.840
- Palmae gerontogaeae (Burret) 23.851
- Palmae Hoppianae (Burret) 23.853
- Palmae: Lowland species (Burret) 23.854
- Palmae neogaeae (Burret) 23.855
- Palmae novae austroamericanae (Burret) 23.848
- Palmae novae Luetzelburgianae (Burret) 23.847
- Palmengattung *Astrocaryum* (Burret) 23.862
- Palmengattung *Morenia* (see 23.868)
- Palmengattungen *Chelyocarpus* und *Tessmanniophoenix* (see 23.839)
- Palmengattungen *Hydriastele* und *Adelonega* (see 23.869)
- Palmengattungen *Kajewskia* und *Carpoxyton* von der Insel Aneityum (see 23.856)
- Palmengattungen *Martinezia* und *Aiphanes* (see 23.856)
- Palmengattungen *Orbignya*, *Attalea*, *Scheelea* und *Maximiliana* (Burret) 23.842
- Palmengattungen *Reinhardtia* und *Malortiea* (Burret) 23.856
- Panicum* du Congo (A. Camus) 24.360
- Panicum* nouveaux section *Pseudolasiacis* (A. Camus) 24.331
- Papaiacea poca nota (Caruel) 24.949
- Paras. Fungi Illinois (Burrill) 23.871
- Parasite upon a parasite (Burkill) 23.753
- Parasitic Fungi Illinois, Uredineae (Burrill) 23.871
- Parasitisme de quelques champignons (Cavara) 25.138
- Parerga (see Burgeff, H.[E.N.])
- Parthenogen. Pfl. (A. Braun) 22.590
- Parthénogénèse (A. DC.) 24.673
- Parthenogenesis bei Pflanzen (A. Braun) 22.590
- Particularité de la nervation des feuilles du genre *Fagus* (A. DC.) 24.469
- Pedicularis comosa* (Bunge) 23.624
- Pelargonium rapaceum* (Burkill) 23.748
- Penészvizsgálati tenyészmódszerek (Bref.) 22.710
- Pensées sur la taxinomie botanique (Caruel) 24.978
- Pensieri sulla tassonomia botanica (Caruel) 24.976
- Pens. Tassin. Bot. (Caruel) 24.976
- Peperomia cilifolia* (C. DC.) 24.582
- Pépinière de plantes forestiers (Caquet) 24.718
- Pépin. pl. forest. (Caquet) 24.718
- Pereskopsis* (Britton) 23.030
- Period.-glac. Bas-Langued. (Braun-Blanq.) 22.671
- Periodischen Grassbrände im tropischen Afrika (Busse) 23.971
- Periodiska aberrationer hos granen (Brenner) 22.799
- Perrierbambus (A. Camus) 24.311
- Petrified forest near Cairo (Carruthers) 24.888
- Pflanzen-geographische Betrachtungen der Chenopodiaceen (Bunge) 23.636

- Pflanzenareale (*see* Braun-Blanquet, J.)
 Pflanzenbastarde der Schweizer-Flora (Brügger) 23.299
 Pflanzengeographische Eindrücke Hebriden-Insel Lewis (Brockm.-Jer.) 23.094
 Pflanzengeographische Exkursion durchs Unterengadin (Braun-Blanq.) 22.658
 Pflanzengeographisches Arbeitsprogramm (Cajander) 24.097
 Pflanzenkolonien der Föhrenregion Graubündens (Braun-Blanq.) 22.655
 Pflanzenkrankheiten (Bruck) 23.291
 Pflanzenleben (*see* Bruinsma, V.)
 Pflanzenleben der Alpen (*see* Buser, R.)
 Pflanzenpathologische Expedition nach Westafrika (Busse) 23.965
 Pflanzenreich (*see* Buchenau, F.[G.P.])
 Pflanzenreste des ägyptischen Museums Berlin (A. Braun) 22.631
 Pflanzensoziologie in Forschung und Lehre (Braun-Blanq.) 22.670
 Pflanzenverbreitung (Brockm.-Jer.) 23.091
 Pflanzenwelt der ostfriesischen Inseln (Buchenau) 23.507
 Pflanzenwelt der Plessuralpen (Braun-Blanq.) 22.656
 Pfl.-geogr. Arbeitsprogr. (Cajander) 24.097
 Pfl.-geogr. Betracht. Chenop. (Bunge) 23.636
 Pfl.-geogr. Exk. Unterengadin (Braun-Blanq.) 22.658
 Pfl.-Krankh. (Bruck) 23.291
 Pfl.-Welt Plessuralpen (Braun-Blanq.) 22.656
 Phalloideae of the United States (Burt) 23.876
 Phanérogames Oberland Bernois (Briq.) 22.957
 Phan. Oberlahnstein (P. Caspari) 25.009
 Pharmakogn. Eric. Primul. (E. Braun) 22.634
 Pharmakognosie der Ericaceen und Primulaceen (E. Braun) 22.634
 Philipp. Bamboos (W.H. Br.) 23.250
 Philipp. Elaeocarpus (Aug. DC.) 24.675
 Philipp. Fib. pl. (W.H. Br.) 23.255
 Philipp. Forest Prod. (W.H. Br.) 23.251
 Philippine Bamboos (W.H. Br.) 23.250
 Philippine Fiber plants (W.H. Br.) 23.255
 Philippine Forest Products (W.H. Br.) 23.251
 Philippine Mangrove swamps (W.H. Br.) 23.252
 Philippine Palms (W.H. Br.) 23.254
 Philippine Piperaceae (C. DC.) 24.562
 Philippine species Elaeocarpus (Aug. DC.) 24.675
 Philippine Urophyllum (Bremek.) 22.761
 Philipp. Mangr. Swamps (W.H. Br.) 23.252
 Philipp. Palms (W.H. Br.) 23.254
 Phylodraceae (Caruel) 24.972
 Photo- Hydr.-trop. Lebermoospfl. (H. Buch) 23.456
 Phyllodie fleur Anemone coronaria (Cannoni) 24.140
 Phyllomes hypopeltés (C. DC.) 24.532
 Phyllostachys aurea (Bureau) 23.696
 Phylogenetic considerations on the internodal vascular strands of Equisetum (I. Browne) 23.263
 Phylogenetic interpretations (Bremek.) 22.758
 Phylogeny and inter-relationships of the Pteridophyta (I. Browne) 23.259
 Phylogeny Monocotyledons (Campb.) 24.270
 Phylogeny of the Angiosperms (Campb.) 24.269
 Physiol. Stud. Leberm. (H. Buch) 23.455
 Physiologie végétale (*see* 24.652)
 Physiologische und experimentell morphologische Studien an beblätterten Lebermoosen (H. Buch) 23.455
 Phytoplankt. (A. Busse) 23.954
 Phytoplankton aus Kleinasien (Brunnth.) 23.353
 Phytoplankton Cayuga Lake Basin (P.R. Burk.) 23.745
 Phytoplankton of the Gulf of Maine (Braarud) 22.486
 Phytoplanktons Sakrower See (A. Busse) 23.954
 Phytosociological nomenclature (Braun-Blanq.) 22.674
 Piante naturalizzate napoletane (Cavara) 25.168
 Piante tint. Napoli (F. Brig.) 22.871
 Piante tintorie Napoli (F. Brig.) 22.871
 Piccolo contributo alla flora Abissina (Caruel) 24.989
 Picea excelsa f. oligoclada (Brenner) 22.811; *see* 22.794
 Pilz mit sympodialer Konidienbildung (Bubák) 23.427
 Pilzarten aus der Umgebung von Mediasch (Brandsch) 22.550
 Pilzarten des Moskauer Gouvernements (Buchholz) 23.536
 Pilzarten Mediasch (Brandsch) 22.550
 Pilze aus Kanada (Bubák) 23.440
 Pilze Böhm. (Bubák) 23.421
 Pilze Böhmens (Bubák) 23.421
 Pilze von verschiedenen Standorten (Bubák) 23.441
 Pilzflora von Galizien und Russland (Bubák) 23.438

- Pilzflora von Sachsen (Bubák) 23.428
 Pilzflora von Tirol (Bubák) 23.431
 Pinus Banksiana in Southeastern Minnesota (Butters) 23.988
 Pinus silvestris f. virgata i Ingå (see 22.817)
 Pinus viminalis (Casp.) 25.042
 Piper from Central America (C. DC.) 24.604
 Piper from Panama (C. DC.) 24.598
 Piper Neu-Mecklenburg (C. DC.) 24.603
 Piper Panama (C. DC.) 24.598
 Piper Sectio Steffensia (C. DC.) 24.583
 Piperaceae (C. DC.) 24.552
 Piperaceae a Jaheri (C. DC.) 24.592
 Piperaceae africanae (C. DC.) 24.605
 Piperaceae africanae et madagascarienses (C. DC.) 24.523
 Piperaceae africanae II (C. DC.) 24.536
 Piperaceae andinae, Piper Section Steffensia (C. DC.) 24.559
 Piperaceae andreanae (C. DC.) 24.531
 Piperaceae Bakerianae (C. DC.) 24.595
 Piperaceae, Begoniaceae, Meliaceae (C. DC.) 24.545
 Piperaceae Boliviana (C. DC.) 24.517
 Piperaceae Celebicae novae (C. DC.) 24.601
 Piperaceae Colombianae et Peruviana (C. DC.) 24.596
 Piperaceae e Borneo et e Sumatra (C. DC.) 24.600
 Piperaceae Ecuadorenses (C. DC.) 24.597
 Piperaceae et Meliaceae brasilienses (C. DC.) 24.539
 Piperaceae Formosanae novae (C. DC.) 24.594
 Piperaceae Javanicae novae (C. DC.) 24.599
 Piperaceae Meeboldianae Herbarii Vratislaviensis (C. DC.) 24.570
 Piperaceae, Meliaceae Nova Guinea (C. DC.) 24.566
 Piperaceae, Meliaceae, Plantae Uleanae (C. DC.) 24.588
 Piperaceae Mexicanae (C. DC.) 24.602
 Piperaceae neotropicae (C. DC.) 24.587
 Piperaceae novae (C. DC.) 24.535
 Piperaceae novae jam discriminatae nunc accuratius descriptae (C. DC.) 24.607
 Piperaceae novae Micronesia (C. DC.) 24.606
 Piperaceae novae secundum ordinem (C. DC.) 24.504
 Piperaceae novae, Not. Syst. (C. DC.) 24.579
 Piperaceae Peninsula malayana (C. DC.) 24.572
 Piperaceae philippinenses (C. DC.) 24.586
 Piperaceae, Primitiae florum Costaricensis (C. DC.) 24.518
 Piperaceae sodiroanae (C. DC.) 24.533
 Piperaceae, Sunda Expedition (C. DC.) 24.578
 Piperaceae, Symbolae Antillanae 1902 (C. DC.) 24.543
 Piperaceae, Symbolae Antillanae 1907 (C. DC.) 24.556
 Piperaceae, Symbolae Antillanae 1912 (C. DC.) 24.571
 Piperaceae Uleanae e Brasilia (C. DC.) 24.538
 Pipéracées de l'Ecuador (C. DC.) 24.516
 Pipéracées de Madagascar (C. DC.) 24.569
 Pipéracées nouvelles du Chaco (C. DC.) 24.577
 Piperac. Jaheri (C. DC.) 24.592
 Piperac. Penins. mal. (C. DC.) 24.572
 Pistillaria Thaxteri (Burt) 23.883
 Pl. Abich. (Bunge) 23.626
 Plankton Noordzee en Zuiderzee (P.J. Breemen) 22.702
 Plankton van Noordzee en Zuiderzee (P.J. Breemen) 22.702
 Planktondiatomeen (C. Brockmann) 23.074
 Plant arid portions South Australia (W.A. Cannon) 24.684
 Plant distribution California (Campb.) 24.254
 Plant life and evolution (Campb.) 24.243
 Plant life Ellis (W.H. Br.) 23.246
 Plant Pathology (see Butler, E.J.)
 Plant relations Brazos County (E.G. Campb.) 24.277
 Planta Tessmanniana (see Burret, K.E.M.)
 Plantae Duqueanae (see 23.869)
Plantae exsiccatae Canarienses (see Burchard, O.)
 Plantae Hassleriana (see 24.545)
 Plantae Hochreutineranae, Musci (Cardot) 24.805
 Plantae Hochreutineranae, Piperaceae et Meliaceae (C. DC.) 24.574
 Plantae junghuhniana (see 23.926; Buse, L.H.)
 Plantae Lehmanniana, Piperaceae (C. DC.) 24.513
 Plantae madagascarienses (Aug. DC.) 24.670
 Plantae mexicanae purpusiana (Brandege) 22.541
 Plantae novae a cl. Hildebrandt (A. Braun) 22.619
 Plantae novae boliviana (see 24.568)
 Plantae novae boliviana, Piperaceae (C. DC.) 24.568
 Plantae novae Mexicanae (Brandege) 22.540
 Plantae paraguarienses (see 24.557)
 Plantae paraguarienses novae (C. DC.) 24.577
 Plantae Preissiana (see Braun, A.[C.H.])

- Plantae quaedam Candolleani determinatae (A.DC.) 24.459
- Plantae Steinbachianae (*see* Burret, K.E.M.)
- Plantae tonquinenses (Aug. DC.) 24.672
- Plantae Uleanae (*see* 24.588; Brand, A., Brause, G.G.W.)
- Plantae utiles (M.A. Burnett) 23.825; *see* Burnett, G.T.
- Plantas Abichianas (Bunge) 23.626
- Plantas medicinaes Archipelago de Cabo-Verde (Cardoso Jr.) 24.735
- Planten-Atlas (Calkoen) 24.125
- Plantenboek (Buekers) 23.570
- Plantenschat (*see* Bruinsma, V.)
- Plantes du Thibet (Bureau) 23.690
- Plantes médicinales de la Picardie (Caussin) 25.114
- Plantes médicinales indigènes (E.G. Camus) 24.397
- Plantes médicinales indigènes (F.J. Cazin) 25.190
- Plantes nouvelles du Tam (Caraven-Cachin) 24.731
- Plants collected by Croft (Britton) 23.010
- Plants indigenous in Southern Colorado (*see* 22.535)
- Plants New Britain (Burkill) 23.747
- Plants of Canada (Buller) 23.621
- Plants of Indian Territory* (*see* Bush, B.F.)
- Plants of Milanji (Britten) 22.972
- Plants of Missouri* (*see* Bush, B.F.)
- Plants of Texas* (*see* Bush, B.F.)
- Pl. arid. port. S. Austr. (W.A. Cannon) 24.684
- Pl. jamaic. Pug. (*see* Browne, P.)
- Pl. med. Arch. Cabo-Verde (Cardoso Jr.) 24.735
- Pl. médic. indig. (F.J. Cazin) 25.190
- Pl. médic. Picardie (Caussin) 25.114
- Pl. Milanji (Britten) 22.972
- Pl. nov. Hildebrandt (A. Braun) 22.619
- Pl. Preiss. (*see* Bunge, A.[G.] A.)
- Pl. util. (M.A. Burnett) 23.825
- Pleioraterium (Bremek.) 22.757
- Pleroma tubuloso Phoenix dactylifera (Buscal.) 23.918
- Plethiandra Sahebii (Burkill) 23.782
- Pleurorthotrichum (Broth.) 23.173
- Poecilostachys (A. Camus) 24.335
- Pogonatum nanum × aloides (Brunnth.) 23.351
- Pohlia bulbifera (H. Buch) 23.448
- Poivres de Guinée (Braemer) 22.499
- Poliporo (F. Brig.) 22.869
- Pollen-tube Datura (J. Buchholz) 23.531
- Polpa che involge i semi (Caruel) 24.927
- Polpa involg. semi (Caruel) 24.927
- Polygala a fiore giallo (Caldesi) 24.110
- Polygalacearum, Juncearum, Valerianacearum italicarum conspectus (Caruel) 24.938
- Polyg. Garf. County (Brenckle) 22.770
- Polygonum calcatum i Finland (Brenner) 22.788
- Polygonum Garfield County (Brenckle) 22.770
- Polyporaceae javanicae (Bres.) 22.845
- Polyporus fomentarius (N.F. Buchw.) 23.555
- Polystichum aculeatum (Burck) 23.666
- Polytrichaceae (E. Britton) 22.985
- Pop. field bot. (Catlow) 25.102
- Pop. gard. bot. (Catlow) 25.103
- Pop. greenh. bot. (Catlow) 25.104
- Popular field botany (Catlow) 25.102
- Popular garden botany (Catlow) 25.103
- Popular greenhouse botany (Catlow) 25.104
- Position systématique Euphorbiacées (Bugnon) 23.602
- Prax. bot. Unterricht (Buchenau) 23.508
- Précis de botanique (Carlier) 24.835
- Prelim. cat. Fl. Vancouver (W. Carter) 24.917
- Prelim. cat. Fl. W. Virginia (*see* 22.978)
- Preliminary catalogue of the Flora of Vancouver (W. Carter) 24.917
- Preliminary check-list of the Hepaticae of Europe and America (H. Buch) 23.471; *see* Buch, H.R.V.
- Preliminary list of North American species of Cyperus (Britton) 23.008
- Preliminary note on the embryo sac of Styphelia longifolia (Brough) 23.201
- Preliminary report on rusts of grain (Carleton) 24.830
- Preliminary treatment of the Opuntioideae of North America (Britton) 23.032
- Premier aperçu de la végétation du Congo français (Bureau) 23.687
- Premier aperçu de la végétation du Tonkin méridional (Bureau) 23.686
- Premier mémoire sur les lenticelles (DC.) 24.640
- Première contribution à la flore bryologique de la Corée (Cardot) 24.776
- Preservatives on the stigma (Burck) 23.664
- Prickly pears India (Burkill) 23.773
- Primary groups Dicotyledons (Burt Davy) 23.912
- Primit. fl. costaric. (*see* 22.893, 24.518, 24.529; Cardot, J.)
- Primula auricula × P. clusiana (Buxb.) 23.996
- Primula officinalis i Finland (Brenner) 22.778

- Principales colecciones Herbario Darwinion (Burkart) 23.739
- Pro botanica italiana (Cavara) 25.164
- Processi riproduzione Diatomee (Castracane) 25.095
- Prod. colon. (Capus) 24.716
- Prod. colon. orig. vég. (Capus) 24.717
- Prodr. Fl. Corse (*see* Buser, R.)
- Prodr. fl. mycol. Madagascar (*see* Buchet, S.)
- Prodr. Fl. Novo-Granat. (*see* Braun, A. [C. H.])
- Prodr. fl. tosc. (*see* Caruel, T.)
- Prodr. Mycofl. Afr. or. (E. Castell.) 25.051
- Prodromi historia, numeri, conclusio (A. DC.) 24.475
- Prodromus (DC.) 24.638; *see* 24.475; Candolle, A.P. de
- Prodromus florae adventiciae boreali-americanae (Bruhin) 23.315
- Prodromus florae capensis (*see* Burman, N.L.)
- Prodromus florae Timorensis (*see* Carruthers, W.)
- Prodromus Mycoflorae Africae orientalis italicae (E. Castell.) 25.051
- Production et fixation des variétés (Carrière) 24.865
- Produits coloniaux (Capus) 24.716
- Produits coloniaux d'origine végétale (Capus) 24.717
- Prod. var. vég. (Carrière) 24.865
- Prolusione alle lezioni di botanica (Caruel) 24.973
- Prop. Lois Nom. 1867 (Burnat) 23.821
- Proposed changes in the International Rules of Botanical Nomenclature (*see* Camp, W.H.)
- Propositions de changements aux Lois de la Nomenclature botanique de 1867 (Burnat) 23.821
- Propositions relating to the amendment of the International Rules of Botanical Nomenclature (Britton) 23.042
- Propositions relatives à l'amendement et au complément des Règles internationales de la Nomenclature botanique (*see* Britton, N.L.)
- Prothallien und die Keimpflanzen europäischer Lycopodien (Bruchm.) 23.278
- Prothallium embryo Osmunda claytonia (Campb.) 24.208
- Prothallium of Kaulfussia and Gleichenia (Campb.) 24.235
- Prothallium und die Sporenpflanze von Botrychium Lunaria (Bruchm.) 23.280
- Prothallium von Lycopodium complanatum (Bruchm.) 23.282
- Proth. Keimpfl. europ. Lycop. (Bruchm.) 23.278
- Protomycetaceae of Switzerland (*see* 23.574)
- Prototaxites Logani (Carruthers) 24.894
- Pseudobromus (A. Camus) 24.344
- Pseudogenea Vallisumbrosae (Buchholz) 23.537
- Pseudostreptogyne (A. Camus) 24.342
- Pseudotetramere Blüten (A. Braun) 22.622
- Psophocarpus tetragonolobus (Burkill) 23.758
- Pteridophyta africana (Brause) 22.680
- Pteridophyta Transvaal (Burt Davy) 23.896
- Pteridophytes of West Virginia (M.G. Brooks) 23.149
- Ptychosperma Kerstenianum (*see* 23.868)
- Puccin. Anem. virg. (Bubák) 23.401
- Puccinia Carlinae (Bubák) 23.418
- Pucciniaarten der Ostseeprovinzen (Buchholz) 23.541
- Pylaisiadelphina (Cardot) 24.806
- Quadrat method applied to sampling spruce and fir forest types (S.A. Cain) 24.051
- Quantitative study of soil fungi (Brierley) 22.867
- Quantitative study phytoplankton in the Bay of Fundy and the Gulf of Maine (*see* 22.487)
- Quatro novas especies Guarea (C. DC.) 24.540
- Quelques diagnoses de Fagacées (A. Camus) 24.368
- Quelques mousses nouvelles pour la flore belge 1885 (Cardot) 24.740
- Quelques mousses nouvelles pour la flore belge 1905 (Cardot) 24.781
- Quelques Myxomycètes (Brândză) 22.565
- Quelques points de nomenclature botanique (A. DC.) 24.484
- Quelques raretés de la Flore bryologique française (*see* 24.418)
- Quercus Ilex (A. Camus) 24.382
- Questions de nomenclature 1894 (Briq.) 22.900
- Questions de nomenclature 1896 (Briq.) 22.914
- Raccolte di Diatomee Challenger (Castracane) 25.091
- Races physiologiques (A. DC.) 24.486
- Radula Evansii (H. Castle) 25.076
- Rambles among the Canadian Rockies (Brinkm.) 22.875
- Ramification des Sequoia (C. DC.) 24.589
- Ramification dichotome cotylédons (Bugnon) 23.599

- Rapp. [Not.] pl. rar. Genève (*see* Candolle, A.L.P.P. de)
- Rapport pommes de terre (DC.) 24.634
- Rapport sur le progrès de la botanique phyto-graphique (Brongn.) 23.137
- Rapport sur les conferves (DC.) 24.610
- Rapport sur son exploration dans les Padang-sche Bovenlanden à la recherche des espèces qui produisent la Gutta-Percha (*see* Burck, W.)
- Rapport voyage botanique de l'Ouest (DC.) 24.615
- Rapports voyages botaniques nord-est et du centre (DC.) 24.623
- Rapp. pommes terre (DC.) 24.634
- Rapp. progr. bot. phytogr. (Brongn.) 23.137
- Rarer wild flowers of New York City (E. Britton) 23.005
- Rate growth *Podocarpus imbricatus* (W.H. Br.) 23.249
- Recent contributions to plant evolution (Campb.) 24.273
- Recent investigations of smut fungi and smut diseases (*see* 22.711)
- Recent work on the Bryophyta (Cavers) 25.179
- Rech. anat. *Leucobryacées* (Cardot) 24.769
- Recherche *Scilla bifolia* (Caillon) 24.048
- Recherches anatomiques Champignons (Carnoy) 24.843
- Recherches anatomiques et biologiques sur le fruit du genre *Oenanthe* (Briq.) 22.920
- Recherches anatomiques sur les *Leucobryacées* (Cardot) 24.769
- Recherches anatomiques sur *Phrymaccées*, *Stilboïdées*, *Chloanthoides* et *Myoporacées* (Briq.) 22.915
- Recherches botanico-médicales d'*Ipéca-cuanha* (DC.) 24.611
- Recherches phytogéographiques sur le Massif du Gross Glockner (Braun-Blanq.) 22.669
- Recherches propriétés médicinales (*see* 24.035)
- Recherches sur flore Savoisien (Briq.) 22.889
- Recherches sur l'organisation des tiges des *Cycadées* (Brongn.) 23.121
- Recherches sur les graines fossiles silicifiées (Brongn.) 23.143
- Recherches sur les *Marsilea* et les *Pilularia* (*see* 22.598)
- Rech. grain. foss. silic. (Brongn.) 23.143
- Rech. *Phrymac. Stilb. Chloanth. Myopor.* (Briq.) 22.915
- Récoltes bryologiques Corse (F. Camus) 24.409
- Récoltes bryologiques Gasilien (Cardot) 24.746
- Recopilación de sus publicaciones sobre *Cactáceas* (*see* Castellanos, A.)
- Rectification nécessaire (E.G. Camus) 24.396
- Rectifications au *Fragmenta monographia Labiatarum* (*see* 22.888)
- Rectifications de nomenclature (Briq.) 22.903
- Redfieldia* (A. Camus) 24.332
- Re-discovery of *Fissidens Donnellii* (E. Britton) 22.997
- Rediscovery of *Physcomitrium pygmaeum* (E. Britton) 22.999
- Rediscovery of *Tillandsia Swartzii* (Britton) 23.043
- Redogörelse botaniska studieresa: Mitteilungen über Flora und Vegetation Nord-westspaniens (H. Buch) 23.463
- Reduktion des Embryoträgers bei *Selaginellen* (Bruchm.) 23.288
- Refl. Entsteh. Art. (Cajander) 24.096
- Réflexion sur les ouvrages généraux de botanique descriptive (A.DC.) 24.476
- Reflexionen über die Entstehung der Arten (Cajander) 24.096
- Regeneration in *Phegopteris polypodioides* (E.D. Br.) 23.212
- Regen. *Phegopt. polypod.* (E.D. Br.) 23.212
- Règne végétal (DC.) 24.655
- Réimmigrations postglaciaires des flores en Suisse (Briq.) 22.944
- Reis in Deutsch-Ostafrika (C.P. Braun) 22.641
- Reise durch das Altai-Gebirge (*see* Bunge, A.[G.] A.)
- Reise durch die Bezirke Tanga und Amani (C.P. Braun) 22.643
- Reise durch Norwegen und Lappland (*see* Buch, C.L. von)
- Reise in Ostafrika (*see* 23.180)
- Reise Lena-Thal (Cajander) 24.085
- Reisen im Togoland (Büttner) 23.589
- Relation of weather (*see* 23.974)
- Relationships of the *Hepaticae* (Campb.) 24.274
- Relazione sulla sistemazione collezione botaniche (Caruel) 24.975
- Relaz. sistemaz. coll. bot. (Caruel) 24.975
- Reliquiae *Rutenbergianae* (Buchenau) 23.498
- Remarks on *Cephalotus* (R. Br.) 23.236
- Remarques sur l'étude des groupements des plantes (*see* 22.652)
- Répart. géogr. *Légum.* (Capitaine) 24.697
- Répartition géographique des *Légumineuses* (Capitaine) 24.697

- Répartition géographique Themeda (A. Camus) 24.298
- Repert. ann. Lit. Bot. per. (Burck) 23.650
- Repert. Epatic. Piemontese (Cappelletti) 24.709
- Répertoire Sphagnologique (Cardot) 24.764
- Repertorio dell'epaticologia Piemontese (Cappelletti) 24.709
- Repertorium annum Literaturae Botanicae periodicae (Burck) 23.650
- Réponse à diverses questions des Lois de la Nomenclature botanique (A.DC.) 24.473
- Report of the Committee exploring the flora of the Bahamas (*see* Carruthers, W.)
- Report on Burbidge's ferns of the Sulu Archipelago (*see* 23.642)
- Report on two botanical collections at Mount Roraima in British Guiana (*see* Brotherus, V.F.)
- Report on two botanical collections made at Mount Roraima (N.E. Br.) 23.225
- Reports on the scientific investigations (*see* 24.799)
- Reputed Minnesota pl. (Butters) 23.986
- Reputed Minnesota plants (Butters) 23.986
- Rep. Voy. Challenger, Diatomaceae (*see* Castracane degli Antelminelli, F.)
- Research. fungi (Buller) 23.619
- Researches on fungi (Buller) 23.619
- Responsio ad quaestionem botanicam (Broers) 23.106
- Resp. quaest. bot. (Broers) 23.106
- Resultate der mykologischen Durchforschung Böhmens im Jahre 1898 (Bubák) 23.396
- Resultate mykol. Durchf. Böhm. (Bubák) 23.396
- Résult. Voy. Belgica (*see* 24.771)
- Résumé d'une monographie du genre Galeopsis (Briq.) 22.891
- Résumé du travail du Rapporteur général (Briq.) 22.937
- Résumé monogr. Galeopsis (Briq.) 22.891
- Résumé trav. Rapp. génér. (Briq.) 22.937
- Resupination der Blüten von Canavalia ensiformis (Cammerloher) 24.178
- Rev. Anacard. austroamer. (Cabrera) 24.023
- Rev. gen. Chaetanthera (Cabrera) 24.021
- Rev. Grindelia (Cabrera) 24.011
- Review of the Myrsineae (A.DC.) 24.446
- Revised list of the Ferns of Natal (J. Buchanan, C.M.G.) 23.480
- Revised names of plants of New Jersey (*see* Britton, N.L.)
- Revisie der Rumices (Bruijn) 23.317
- Revision Brachystegia (Burt Davy) 23.902
- Révision Bromus maximus (A. Camus) 24.350
- Revisión de las Anacardiáceas austroamericanas (Cabrera) 24.023
- Revisión de las especies de Lathyrus (Burkart) 23.735
- Revisión del género Chaetanthera (Cabrera) 24.021
- Revisión del género Grindelia (Cabrera) 24.011
- Revisión del género Mutisia (*see* Cabrera, A.L.)
- Révision des Graminées de l'herbier d'Albr. de Haller filius (Briq.) 22.943
- Révision des Sphaignes de l'Amérique du Nord (Cardot) 24.751
- Révision du genre Catalpa (Bureau) 23.691
- Revision North American species Scleria (Britton) 23.007
- Revision of Philippine Piperaceae (C. DC.) 24.563
- Revision of the genus Fraxinea (Card) 24.733
- Revision of the genus Lechea (Britton) 23.020
- Revision of the genus Najas of Linnaeus (A. Braun) 22.600
- Revision of the North American species of Ophioglossum (E. Britton) 22.982
- Revision of the South African species of Dianthus (Burt Davy) 23.901
- Revision of the South African species of Pavetta (Bremek.) 22.730
- Revision Radula (H. Castle) 25.075
- Revision Radula United States and Canada (H. Castle) 25.074
- Révision Sphagnum Sauzé (F. Camus) 24.424
- Rev. list Ferns Natal (J. Buchanan, C.M.G.) 23.480
- Revue de la famille des Cactées (*see* Candolle, A.P. de)
- Rhipsalis argentinas (Castellanos) 25.053
- Rhipsalis in the West Indies (Britton) 23.041
- Rhizoctonia crocorum (Buddin) 23.562
- Rhizoctonia violacea (Bubák) 23.412
- Rhynchosporium scald of barley (Caldwell) 24.116
- Riccia Bischoffii (F. Camus) 24.403
- Riccia fluitans (A.M. Carter) 24.902
- Riccia nigrella (F. Camus) 24.405
- Riccoa aetnensis (Cavara) 25.155
- Ricerche Bellis (Carano) 24.727
- Ricerche crioscopiche sui vegetali (Cavara) 25.153

- Ricerche Fecondazione *Ephedra campylo-*
poda (Cavara) 25.154
- Ricerche intorno *Pleospora herbarum* (Ca-
vara) 25.159
- Ricerche microflora piante alpine (Cappel-
letti) 24.710
- Ricerche sulla cagione per cui i fiori di alcu-
ne piante si aprono di sera (Caruel) 24.932
- Ricerche apparato fiorale (Cannarella) 24.679
- Rickia Nasmannii* (Cavara) 25.146
- Rides* (C. DC.) 24.511
- Rijstplant (Breda de Haan) 22.701
- Ringerikes moseflora (Bryhn) 23.384
- Riproduzione Diatomee (Castracane) 25.094
- Root hab. des. pl. (W.A. Cannon) 24.682
- Root habit of desert plants (W.A. Cannon)
24.682
- Root rots caused by *Phycomycetes* (Buis-
man) 23.615
- Root rots *Phycomyc.* (Buisman) 23.615
- Rosa opaca*-former i Ingå (Brenner) 22.801
- Rosacées* nouvelless d'extrême-orient (Car-
dot) 24.812
- Roses Alp. mar. (Burnat) 23.813
- Roses des Alpes maritimes (Burnat) 23.813
- Rostpilze aus Mecklenburg und anderen Ge-
bieten (*see* Buhr, H.)
- Rotierende Nutation und der Geotropismus
der Windepflanzen (Bremek.) 22.725
- Rotier. Nutation Geotrop. Windepfl. (Bre-
mek.) 22.725
- Rubiaceae (Bremek.) 22.736
- Rudim. Cryptogam. (Caussin) 25.115
- Rudiments de Cryptogamie (Caussin) 25.115
- Ruscus hypophyllum* (Caruel) 24.952
- Russula* Massachusetts (Burl.) 23.807
- Russulae* Long Island (Burl.) 23.808
- Rynchospora* en Cuba (Britton) 23.052
- Sacciolepis*, *Panicum*, *Brachiaria* *Boivinella*
(A. Camus) 24.325
- Saggio di un prospetto storico della botanica
(Caruel) 24.953
- Saggio monografico del genere *Rhynchoste-*
gium (Brizi) 23.071
- Saldanhaea* (Bureau) 23.678
- Samen (A. Braun) 22.633
- Samenkeim. Orch. (Burgeff) 23.707
- Samenkeimung der Orchideen (Burgeff)
23.707
- Sammlung von Handzeichnungen persi-
scher Pflanzen (*see* Buhse, F.[A.])
- Sammlung von Lebermoosen der Ostseepro-
vinzen (Bruttan) 23.363
- Sansevieria* (N.E. Br.) 23.226
- Sapotacées Indes néerlandaises (Burck)
23.653
- Saprophytismus und Symbiose (Burgeff)
23.706
- Saprophyt. Symb. (Burgeff) 23.706
- Sarconeurum* (Bryhn) 23.378
- Saxifraga florulenta* (Burnat) 23.817
- Scapania evansii* (Bryhn) 23.376
- Scapania paludicola* (H. Buch) 23.453
- Scapania sphaerifera* (H. Buch) 23.469
- Scapanien Nordeuropas und Sibiriens (H.
Buch) 23.457
- Scapan. N.-Eur. Sib. (H. Buch) 23.457
- Schedae ad *Bryothecam fennicam* (Broth.)
23.184
- Sched. *Bryoth. fenn.* (Broth.) 23.184
- Scheelea osmantha* (Burret) 23.869
- Schippia* (Burret) 23.860
- Schistochila*-Arten (H. Buch) 23.473
- Schizachyrium* (A. Camus) 24.309
- Schizonia* (F. Brig.) 22.868
- Schneeschimmel (Brož) 23.273
- Schwammkunde (E. Büchner) 23.565
- Schweinfurthia* (A. Braun) 22.604
- Schweizerischen *Protomycetaceen* (Büren)
23.574
- Schweiz. *Protomycet.* (Büren) 23.574
- Sciaphyllum* (Bremek.) 22.764
- Sclerostachya* (A. Camus) 24.313
- Sclerotiniaceae* *Daniae* (*see* Buchwald, N.F.)
- Scrinia* *Florae selectae* (*see* 23.927)
- Second mémoire sur la famille des *Myrsi-*
néacées (A.DC.) 24.453
- Second note on Georgia *Discomycetes* (*see*
25.007)
- Secondary pairing in *Brassica oleracea* (Cat-
cheside) 25.099
- Secondo saggio di un vocabolario etimolo-
gico sardo (*see* 24.721)
- Sedges Jamaica (Britton) 23.029
- Seealgen von Neukuhren (Casp.) 25.033
- Seedling and the seed-production in some
species of *Shorea* (Burkill) 23.781
- Seeds (J. Buchholz) 23.532
- Sekundär stambildning hos tall, gran och
björk i Ingå (*see* 22.790)
- Selaginella* *Preissiana* (Bruchm.) 23.285
- Selaginellarum enumeratio emendata* (*see*
22.594)
- Selaginellarum nomenclator reformatus* (A.
Braun) 22.607
- Selagin. nomencl. reform.* (A. Braun) 22.607
- Selbststerilität und Kreuzungssterilität (Brie-
ger) 22.862

- Selbstster. Kreuzungsster. (Brieger) 22.862
 Sematophyllum recurvans (E. Britton) 22.989
 Semi del Cacao (Caruel) 24.985
 Senecio sudamer. (Cabrera) 24.013
 Sertum Kalahariense (Bremek.) 22.742
 Sexualität und Parasitismus bei Mucorineen
 (Burgeff) 23.703
 Sexualité chez les Mousses (Cardot) 24.794
 Sierboomen (Bruggeman) 23.305
 Signification morphologique des épines du
 Xanthium spinosum (Caruel) 24.924
 Siluria (*see* Carruthers, W.)
 Sinopsis de las Anacardiáceas Argentinas
 (Cabrera) 24.029
 Siperialaisen lehtikuusen (Cajander) 24.082
 Sistematica delle Ombrellifere d'Europe
 (Calest.) 24.118
 Six new Piperaceae (C. DC.) 24.581
 Sketch of the botany of Otago (Buchanan)
 23.476
 Sketch of the history of plant morphology in
 America (Campb.) 24.244
 Sklerenchymzellen (O. Buch) 23.475
 Solanées (Cauvet) 25.118
 Some diseases of cereals caused by *Sclero-*
spora graminicola (E.J. Butler) 23.977
 Some early Cape botanists and collectors
 (*see* Britten, J.)
 Some natural violet hybrids of North Ame-
 rica (Brainerd) 22.508
 Some new species of Australian mosses
 (Broth.) 23.156
 Some new species of *Russula* (Burl.) 23.809
 Some notes on the Flora and Fauna of Mam-
 moth Cave (*see* 24.127)
 Some observations on the growth of *Rhi-*
zoctonia crocorum (Buddin) 23.560
 Some plants of the Zor Hills (H.G. Carter)
 24.907
 Some recent books on fossil plants (Campb.)
 24.242
 Some wild flowers of Louisiana (C.A. Br.)
 23.209
 Sopra alcuni *Senecio* (Buscal.) 23.919
 Sopra due *Crocifere* italiane (Caruel) 24.922
 Sostanze minerali nelle foglie delle piante
 sempreverdi (Briosi) 22.883
 Southern extension California flora (Bran-
 degee) 22.538
 Spaltöffnungsapparat von *Brugmansia* und
Rafflesia (Cammerloher) 24.169
 Spaziergänge durch den Botanischen Garten
 [zu Buitenzorg] (*see* Burck, W.)
 Species and variations of biotian Asters (E.S.
 Burgess) 23.726
 Species-area curve (S.A. Cain) 24.057
 Species novae (Brandegee) 22.542
 Species novae brasilienses (*see* 24.549)
 Species novae Bromeliacearum (Castella-
 nos) 25.065
 Species novae et minus cognitae (A. Braun)
 22.584; *see* Braun, A.[C.H.]
 Species novae plantarum in herbario Horti
 Reg. Calcutt. cognitarum (*see* 25.171)
 Species of Isoetes of Indian Territory (G.D.
 Butler) 23.982
 Species of the Green River Flora (R.W. Br.)
 23.240
 Specific character *Oedogonium* (H.J. Car-
 ter) 24.903
 Sp. Green River Fl. (R.W. Br.) 23.240
Sphaeria leptidea (Bubák) 23.437
Sphaerocarpus (Campb.) 24.213
Sphaeropsidées dans la Charente-Inférieure
 (Brunaud) 23.337
Sphaeropsidées de Saintes (Brunaud) 23.334
Sphaeropsidées nouvelles (Brunaud) 23.333
Sphagnum Austini (Cardot) 24.739
Sphagnum nouveaux (Ém. Bureau) 23.673
Sphagnum nouveaux flore française (F. Ca-
 mus) 24.411
Sphagnum Russowii (F. Camus) 24.423
Sphaignes d'Europe (Cardot) 24.747
Sphaignes de Bretagne (Ém. Bureau) 23.672;
see Camus, F.[A.]
Sphéropsidées nouvelles (Brunaud) 23.338
Spicilegium corsicum (Briq.) 22.938
 Spielarten der Kiefer (Casp.) 25.044
 Spires dans les plantes (A.DC.) 24.485
 Sp. nov. min. cogn. 1851 (A. Braun) 22.584
 Sporangium of the *Ophioglossales* (Burlin-
 game) 23.798
 Spore (Carano) 24.729
 Spore discharge higher fungi (Buller) 23.622
 Spore germination *Onygena equina* (Brier-
 ley) 22.864
 Spornbildung bei *Alectorolophus major* (Bu-
 chenaus) 23.516
 Spridda bidrag till kändedom af Finlands
Hieracium-former, *Sydfinska Archieracia*
 (Brenner) 22.782
 Spurless variety of *Habenaria psycodes*
 (Bryan) 23.368
 Sp. var. biot. Asters (E.S. Burgess) 23.726
 Staminate cone *Podocarpus* (Burlingame)
 23.799
 Stammbaum *Onagrac.* (Broekens) 23.098
 Standard Cycl. Hort. (*see* Britton, E.G.)

- Staphia* (Burt Davy) 23.893
 Statist. Compos. (DC.) 24.663
 Statistique de la famille des Composées (DC.) 24.663
 Statistique ou catalogue des plantes hybrides (E.G. Camus) 24.392
 Statistische Vergleichenungen der Flora von Bremen (Buchenau) 23.493
 Stat. Vergl. Fl. Bremen (Buchenau) 23.493
 Stein-Loecherpilz (C. Brunner) 23.348
 Stellung der Plagiochilen im System der Lebermoose (*see* Carl, H.)
 Stems arborescent Lycopodiaceae Coal-measures (Carruthers) 24.885
 Stigmate et la biologie florale des Hydrangea américains (Briq.) 22.958
 Stock ranges of Northwestern California (Burt Davy) 23.894
 Stock rang. N.W. Calif. (Burt Davy) 23.894
 Storia illustrata del regno vegetabile (*see* Caruel, T.)
 Strauch- Blattfl. Hessen (Bremme) 22.765
 Strauch- und Blattflechten von Hessen (Bremme) 22.765
 Strie nelle diatomee (Castracane) 25.085
 Strophanthus-Arten von Deutsch-Ostafrika (C.P. Braun) 22.642
 Struct. Leptosph. Leman. (Brierley) 22.863
 Struct. mosses ferns (Campb.) 24.211
 Structure and affinities of *Macroglossum Alidae* (Campb.) 24.249
 Structure and affinities of *Sigillaria* (Carruthers) 24.883
 Structure and biology of *Fegatella conica* (Cavers) 25.176
 Structure and development of the mosses & ferns (Campb.) 24.211
 Structure and nature of *Tremella mycetophila* (Burt) 23.880
 Structure and origin of species (Camp) 24.194
 Structure *Dendroceros* (Campb.) 24.218
 Structure des bractées involucrales du genre *Bidens* (Briq.) 22.952
 Structure fern-stem (Carruthers) 24.889
 Structure florale des Aracées (Caruel) 24.971
 Structure *Leptosphaeria Lemaneae* (Brierley) 22.863
 Structure of the rhizome of *Equisetum giganteum* (I. Browne) 23.268
 Structure populations *Vaccinium* (Camp) 24.191
Strychnos africans (Bureau) 23.693
 Stud. Cact. (Britton) 23.046
 Stud. Entw.-Vorg. Eizelle (Buetschli) 23.585
 Stud. Fl. Ostfriesl. (Buchenau) 23.512
 Studi per una flora economica (*see* Carmignani, V.)
 Studi su la vegetazione resinicola (Cappelletti) 24.704
 Studi sul thè (Cavara) 25.148
 Studi sulla vegetazione nel Piemonte (*see* 24.709)
 Studien Entwicklungsvorgänge der Eizelle (Buetschli) 23.585
 Studien Flora von Ostfriesland (Buchenau) 23.512
 Studien über die Moore Finnlands (Cajander) 24.093
 Studien über die Samenanlagen der Umbelliferen und Araliaceen (Cammerloher) 24.166
 Studien über die Scapanien Fenno-Scandias (H. Buch) 23.454
 Studien über die Vegetation im westlichen Nyland (*see* 22.822)
 Studienreisen 1909 nach Turkestan und Nordamerika (*see* Busse, W. [K.O.])
 Studier över vegetationen markbeskaffenheten (Wid. Brenner) 22.822
 Studies flower embryo *Sparganium* (Campb.) 24.220
 Studies in Cactaceae (Britton) 23.046
 Studies in *Ceanothus* (K. Brandegee) 22.532
 Studies in cell-division (Campb.) 24.206
 Studies in *Platanaceae* (J. Brouwer) 23.208
 Studies in *Portulacaceae* (K. Brandegee) 22.531
 Studies in the biology of the Uredineae (Carleton) 24.831
 Studies in the Epacridaceae (Brough) 23.202
 Studies in the Sclerotiniaceae (*see* Buchwald, N.F.)
 Studies in *Uromycladium* (Burgess) 23.720
 Studies of West Indian plants (Britton) 23.036
 Studies on some Javanese *Anthocerotaceae* (Campb.) 24.231
 Studies on the Araceae (Campb.) 24.221
 Studies on the Chloroplasts of Desmids (N. Carter) 24.910
 Studies on the Ophioglossaceae [1] (Campb.) 24.229
 Studies on the Ophioglossaceae [2] (Campb.) 24.232
 Studies over *Rebutia* (Buining) 23.614
 Studio biologico Diatomee (Castracane) 25.093
 Studio di lessicografia botanica (J. Camus) 24.429

- Stud. Moore Finnl. (Cajander) 24.093
 Stud. veg. markbeskaff. (Wid. Brenner) 22.822
 Study of crown rust (M.R. Br.) 23.224
 Study of intra- and interspecific relations of *Crepis foetida* (*see* Cave, M.E.)
 Study of synopsis and reduction (Cardiff) 24.734
 Study synopsis reduction (Cardiff) 24.734
 Stylocoryne (Bremek.) 22.731
 Su la moltiplicazione e riproduzione delle Diatomee (Castracane) 25.080
 Su particolari anomalie del sacco embrionale di *Bellis perennis* (Carano) 24.723
 Südpolare Baumgrenze (Brockm.-Jer.) 23.093
 Suggestions study Lactariae (Burl.) 23.803
 Suggestions to classification (Campb.) 24.264
 Sui Bagni di Casciana (*see* 24.957)
 Sui generi delle Apiacee (Caruel) 24.986
 Sukkulententypen aus dem nördlichen Transvaal (Bremek.) 22.732
 Sull embriologia di *Poinsettia pulcherrima* (Carano) 24.724
 Sulla gimnospermia delle conifere (*see* 24.939)
 Sulla *Phoma Betae* (Campanile) 24.197
 Sulla struttura florale (Caruel) 24.964
 Sulla struttura florale di monocotiledoni (Caruel) 24.960
 Suomen maksasammalet (H. Buch) 23.468
 Suppl. Astrag. Turkest. (Bunge) 23.638
 Supplément au catalogue des plantes phanérogames Département Marne (*see* 22.969)
 Supplement catalogue of Arkansas plants (J. Buchholz) 23.530
 Supplementary list of Norfolk mosses, liverworts and mycetozoa (*see* Burrell, W.H.)
 Supplementum ad Astragaleas Turkestanicae (Bunge) 23.638
 Supposed vegetable fossils (Carruthers) 24.890
 Sur des granules particuliers du suc laiteux du Figuier (Caruel) 24.928
 Sur l'Aldrovanda vesiculosa (*see* 25.017)
 Sur l'étude des associations (Braun-Blanq.) 22.652
 Sur l'organisation et les affinités des Capparidacées (Briq.) 22.947
 Sur la méthode des sommes de température de végétation (A.DC.) 24.480
 Sur la morphologie du genre *Micropsis* (Briq.) 22.956
 Sur la répartition géographique des diverses races du *Clypeola jonthlaspi* (Breistr.) 22.723
 Sur la structure et les mouvements des feuilles du *Dionaea muscipula* (C. DC.) 24.505
 Sur le développement du prothalle des *Aneimia* (Burck) 23.649
 Sur les *Alchimilles* subnavales (Buser) 23.928
 Sur les causes de l'inégale distribution des plantes rares dans la chaîne des Alpes (A.DC.) 24.482
 Sur les champignons parasites (DC.) 24.616
 Sur quelques points de l'anatomie des Crucifères (Briq.) 22.894
 Sur un caractère du genre *Lolium* (A. Camus) 24.343
 Sur un hybride nouveau Ombellifères (Briq.) 22.913
 Sur une Mousse comme le *Dicranum viride* (F. Camus) 24.408
 Sur une nouvelle plante reviviscente (Bureau) 23.689
 Survivants périodes glaciaires Bas-Languedoc (Braun-Blanq.) 22.671
 Suspensor embryo *Pinus* (J. Buchholz) 23.528
 Süßwasseralgen Antarkt. (G.W.F. Carlson) 24.841
 Süßwasseralgen aus der Antarktis (G.W.F. Carlson) 24.841
 Svenska Jenisej-Expeditionen (Brenner) 22.805
 Sv. Exp. Magellanslånd. (*see* 22.839)
 Sv. Jenis. Exp. (Brenner) 22.805
Swertia angustifolia (Burkill) 23.757
Swertia tongluensis (Burkill) 23.760
Swertia novam japonicam (Burkill) 23.755
Swertias Chinenses (Burkill) 23.772
Syagrus (Burret) 23.870
 Syllab. courses bot. zool. (E.S. Burgess) 23.723
 Syllabus of the courses of botany and zoology (E.S. Burgess) 23.723
 Syllab. Vorles. spec. med.-pharm. Bot. (*see* Briquet, J.I.)
 Symb. Antill. (*see* 24.543, 24.556, 24.571; Brause, G.G.W., Buchenau, F.[G.P.])
 Symb. fl. Bras. centr. (*see* Buchenau, F. [G.P.], Bureau, L.É.)
 Symbiosis in fern prothallia (Campb.) 24.233
 Symbolae (*see* Candolle, [A.] C.[P.] de)
 Symb. Sinic. (*see* 23.200)
 Symplocaceae of the Philippine Islands (Brand) 22.515
 Syn. deut. schweiz. Fl. (*see* Brand, A.)
 Syn. med. bot. U.S (J.M. Carter) 24.909
 Synopsis of systematic botany (*see* Castle, T.)

- Synopsis of the Dioscoreas of the Old World (Burkill) 23.776
- Synopsis of the medical botany of Illinois (*see* 24.909)
- Synopsis of the medical botany of the United States (J.M. Carter) 24.909
- Synopsis plantarum Florâ gallicâ descriptarum (DC.) 24.614
- Syrhodon parasiticus (E. Britton) 23.002
- Syrhodon texanus (S.A. Cain) 24.053
- Syst.-anat. Unters. Samyd. (Braendlein) 22.500
- Systema novum regni vegetabilis (Caruel) 24.974
- Systematic position of the genus *Monoclea* (Campb.) 24.217
- Systematisch-anatomische Untersuchung des Blattes der Samydeaceen (Braendlein) 22.500
- Systematische Gliederung *Wahlenbergia* in Afrika (Brehmer) 22.716
- Systematische Untersuchungen einiger Farne bewohnenden Pilze (Bubák) 23.439
- Systematisches Verzeichnis der in den Gärten der Forstakademie zu Hann. Münden kultivierten Holzpflanzen (Büsgen) 23.582
- Syst. Glied. *Wahlenbergia* Afr. (Brehmer) 22.716
- Syst. Verz. (*see* 24.573)
- Syst. Verz. Forstakad. Holzplf. (Büsgen) 23.582
- Tabelle zum vorläufigen Bestimmen der in Russland gefundenen Fungi hypogaei (*see* 23.540)
- Tableau des genres de végétaux fossiles (Brongn.) 23.130
- Tableau méthodique *Fontinalis* (Cardot) 24.755
- Tagebuch auf der Reise in den östlichen Theil des Altäischen Gebirges (*see* Bunge, A.[G.] A.)
- Tahitan mosses (Broth.) 23.195
- Taraxaca nova* (Brenner) 22.793
- Taraxacum officinale*-former i Finland (Brenner) 22.789
- Taraxacum*-former (Brenner) 22.781
- Taraxacum*-Former (*see* 22.803)
- Taschenbuch der Flora Wisconsins (*see* 23.313)
- Taxonomic and geographic studies in North American ferns (Butters) 23.987
- Taxonomic aspect of the species question (Britton) 23.034
- Taxonomie, cytologie en genetica (Bremek.) 22.740
- Teff grass (Burt Davy) 23.898
- Telaranea nematodes aus Irland (H. Buch) 23.472
- Temporär kortbarrighet hos tall (*see* 22.806)
- Tentative d'expériences modifications dans les espèces végétales (A.DC.) 24.474
- Terai Forests (Burkill) 23.778
- Tératologie du *Paliurus aculeatus* (J. Camus) 24.428
- Tératologie végétale (C. DC.) 24.530
- Tessin méridional (Calloni) 24.152
- Texas *Tradescantias* (Bush) 23.947
- Textbook gen. bot. (W.H. Br.) 23.258
- Textbook of general botany (W.H. Br.) 23.258
- Thé au Brésil et en France (A.DC.) 24.452
- Thelephoraceae of North America (Burt) 23.882
- Thelephoreen (Brinkmann) 22.881
- Themeda (A. Camus) 24.297
- Théorie de l'angle unique en phyllotaxie (C. DC.) 24.501
- Théorie de la feuille (C. DC.) 24.503
- Théorie *Echinops Ritro* (Bugnon) 23.606
- Théorie phyllorhize (Bugnon) 23.597
- Theory for. typ. (Cajander) 24.102
- Theory forest types (Cajander) 24.102
- Thlaspi alpestre* i Finland (Brenner) 22.818
- Thompsonella* (Britton) 23.039
- Thorella* (Briq.) 22.946
- Three new species (*see* 23.039)
- Three species of *Botryodiplodia* (Buisman) 23.616
- Tietea singularis* (*see* 23.262)
- Tiliaceae et Sterculiaceae novae* (Aug. DC.) 24.671
- Tillaeg til Grønlands Lichen-Flora (*see* 22.575)
- Tillfälliga former af gran och tall (*see* 22.802)
- Titres Bugnon (Bugnon) 23.609
- Titres, services travaux Bugnon (Bugnon) 23.609
- Tolv populaere foredrag om udvikling, liv of formering i planterige (*see* 23.339)
- Torf- und Lebermoose (*see* Brause, G.G.W.)
- Torrey botanical club reminiscences (Britton) 23.054
- Tourbière de la Fontaine (F. Camus) 24.404
- Traité général des Conifères (*see* Carrière, É.)
- Trapa natans* (Caruel) 24.941
- Trasformazione di peli in gemme (Caruel) 24.946
- Trav. disc. source Nile (Bruce) 23.274
- Travels to discover the source of the Nile (Bruce) 23.274

- Trees and shrubs in Illinois (Brendel) 22.771
 Trees and shrubs of Minnesota (*see* Butters, F.K.)
 Trees N.E. Amer. (*see* Britton, N.L.)
 Trees of New York State (H.P. Br.) 23.218
 Trees Vermont (G.P. Burns) 23.827
 Trees, shrubs and vines of Missouri (Bush) 23.939
Tres Conyza tropicales (Cabrera) 24.007
Trichilia quadrivalvis (C. DC.) 24.527
Trichilia vestita (C. DC.) 24.528
Trichomanes radicans (E. Britton) 22.988
 Trichome der Blattscheiden bei Gräsern (Brockm.-Jer.) 23.087
Trifolium pratense var. *parviflorum* (Burkill) 23.749
 Trigger-mechanism in the germination of the seed of *Tamus communis* (Burkill) 23.796
Tripogon (A. Camus) 24.296
Tristachya nouveau (A. Camus) 24.383
Trochobryum (Breidl.) 22.718
 Trois *Peperomia* des Nouvelles-Hébrides (C. DC.) 24.561
 Trois plantes nouvelles pour la flore française (Briq.) 22.899
 Tronchi Bennettitee (Capellini) 24.695
 Tropical *Dacrymycetaceae* (Brasf.) 22.581
 Trüffeln und trüffelähnliche Pilze in Preussen (Casp.) 25.046
Tuberculina sbrozzi (Cavara) 25.145
 Tuinboek voor de tropen (*see* 23.306)
 Tulipani di Firenze (Caruel) 24.967
 Två för Finland nya *Chenopodium album*-former (Brenner) 22.813
 Två nya *Linnaea*-former (Brenner) 22.803
 Twenty W. Afr. trees (Burt Davy) 23.906
 Twenty West African timber trees (Burt Davy) 23.906
 Two new bamboos from New Guinea (A. Camus) 24.337
 Two new genera of *Cactaceae* (Britton) 23.060
 Two nomina ambigua (Burt Davy) 23.910
 Two species of *Hysteriales* on *Smilax* (E.K. Cash) 25.008
Typha provincialis (A. Camus) 24.292
 Udvikling, liv og formering i planteriget (Brunch.) 23.339
 Ueber abnorme Bildung von Adventivknospen (*see* 22.616)
 Ueber *Alchimilla pubescens* (Buser) 23.934
 Über *Anticharis* (*see* 22.604)
 Über Artkreuzungen in der Gattung *Nicotiana* (Brieger) 22.860
 Ueber Brandpilze (Bref.) 22.712
 Über *Cerastium*-Arten (Buschmann) 23.924
 Über *Cladonia rangifera* (Britzelm.) 23.070
 Ueber das Verhalten der Planktondiatomeen (C. Brockmann) 23.074
 Ueber das Vorkommen der *Hydrilla verticillata* (Casp.) 25.018
 Über den Bau der Bakterien und verwandter Organismen (*see* 23.586)
 Ueber den Bau der Flechten (*see* 23.611)
 Ueber den Habitus der Coniferen (A.H. Burt) 23.891
 Über den Photo- und Hydrotropismus der Lebermoospflanze (H. Buch) 23.456
 Über den Stammbaum der *Onagraceae* (Broekens) 23.098
 Über die an seltenen alpinen Pflanzenarten reichen Gebiete der Schweizeralpen (Brockm.-Jer.) 23.077
 Über die australischen Arten der Gattung *Isoëtes* (A. Braun) 22.609
 Ueber die Bedeutung der Entwicklung in der Naturgeschichte (A. Braun) 22.617
 Ueber die Bedeutung der Morphologie (A. Braun) 22.596
 Über die Bestäubungs-Verhältnisse bei den Juncaceen (Buchenau) 23.510
 Über die Brutorgane der Lebermoose (H. Buch) 23.452
 Über die Classification und Vertheilung der fossilen Vegetabilien (*see* 23.112)
 Ueber die einheimischen Laubmoose (Bruttan) 23.364
 Über die Entwicklung der Soldanelen (Braun-Blanq.) 22.648
 Über die Fennoskandischen Formen der Kollektivart *Carex polygama* (A. Cajander) 24.079
 Ueber die Flora von Preussen (Casp.) 25.027
 Über die Funktion der mechanischen Elemente beim Farnsporangium (Brodmann) 23.096
 Über die Gattung *Echinops* (Bunge) 23.628
 Über die Gattung *Selaginella* (*see* 22.601)
 Ueber die geometrische Anordnung der Blätter und der Blütenstände (*see* 22.682)
 Ueber die geschlechtlichen und ungeschlechtlichen Fruchtformen bei den copulierenden Pilzen (Bref.) 22.713
 Ueber die in den Waldungen der Kumark Brandenburg befindlichen Holzarten (*see* Burgsdorff, F.A.L.)
 Ueber die in Schlesien vorkommenden Formen der Gattung *Alnus* (Callier) 24.129
 Ueber die leichteste Methode Moosbüchsen die *Conferve* darzustellen (Casseb.) 25.048

- Ueber die Lorbeerbäume (A. Braun) 22.585
 Ueber die Phanerogamen von Oberlahnstein (P. Caspari) 25.009
 Ueber die Puccinien vom Typus der *Puccinia Anemones virginianae* (Bubák) 23.401
 Ueber die Samen (A. Braun) 22.633
 Ueber die Sculptur der Samenhaut bei den deutschen Juncaceen (Buchenau) 23.486
 Über die ungeschlechtliche Vermehrung von *Blasia pusilla* (H. Buch) 23.449
 Ueber die Uredineen (Bubák) 23.392
 Über die Veränderlichkeit der Telephoreen (Brinkmann) 22.880
 Über die Verbreitung von *Sabal mauritiformis* (*see* 23.858)
 Über die Vermehrung der Chromosomenzahl bei *Nicotiana tabacum* L. × *Rusbyi* Britt. (Brieger) 22.859
 Über die Wurzelanschwellungen von *Alnus* und den *Elaeagnaceen* (*see* Brunchorst, J.)
 Ueber dreinadlige Kurztriebe bei *Pinus* (*see* Brandt, M.)
 Über eine Glossopterisflora am Ulugurugebirge (Brehmer) 22.715
 Über eine Mißbildung von *Podocarpus chinensis* (A. Braun) 22.613
 Ueber eingewanderte und einheimisch gewordene Pflanzen (Burkhardt) 23.744
 Ueber einige Arten und Formen der Gattung *Mentha* (Heinr. Braun) 22.637
 Ueber einige Compositen bewohnende Puccinien (Bubák) 23.402
 Ueber einige Spielarten (Casp.) 25.038
 Ueber einige Symplocaceen des Herbier Dessert (Brand) 22.510
 Ueber einige Umbelliferen-bewohnende Puccinien (Bubák) 23.400
 Ueber einige von Liebmann in Mexico gesammelte Pflanzen (Buchenau) 23.489
 Über genetische Pseudofertilität (Brieger) 22.858
 Über Gewürze (*see* Busse, W.[K.O.])
 Über Kulturformen der Sorghum-Hirse (*see* 23.958)
 Über *Leopoldinia piassaba* (*see* 23.847)
 Ueber *Lepidozamia* (A. Braun) 22.625
 Über *Phytolacca esculenta* (*see* 22.585)
 Ueber Pleomorphie und Chlamydosporenbildung bei den Fadenpilzen (Bref.) 22.714
 Über *Ptychosperma elegans* (*see* 23.835)
 Über seltene Leber- und Laubmoose (H. Buch) 23.451
 Über Sexualität bei *Phycomyces nitens* (Burgeff) 23.701
 Ueber Waldtypen (Cajander) 24.092
 Übersicht der Geschichte und Literatur der Schweizer-Floren (Bruhin) 23.308
 Uebersicht der Phanerogamen-Flora von Gurnigel (Brügger) 23.296
 Übersicht über die afrikanischen Arten der Gattung *Rinorea* (M. Brandt) 22.557
 Übersicht über die Lebensbedingungen der Pflanzendecke auf der Iberischen Halbinsel (M. Brandt) 22.558
 Uebers. Phan.-Fl. Gurnigel (Brügger) 23.296
 Übers. Schweiz.-Floren (Bruhin) 23.308
Ugena (Cav.) 25.129
Ule's brasilianische Juncaceen (Buchenau) 23.518
 Ulmen im Bremer Walde (Buchenau) 23.517
 Ulteriore contribuzione micologia Lombarda (Cavara) 25.142
 Umbelliferae of the Netherlands Indies (Buwalda) 23.991
 Umbell. Neth. Ind. (Buwalda) 23.991
 Undescribed coniferous fruits (Carruthers) 24.891
 Undescribed Cuban Cacti (Britton) 23.044
 Undescribed *Scirpus* from California (Britton) 23.053
 Unexplored Syria (*see* Carruthers, W.)
 Unfruchtbarkeit als Folge vorübergehender Kleistopetale bei *Aristolochia arborea* (Cammerloher) 24.173
 Ungeschl. Vermehr. *Blasia* (H. Buch) 23.449
 University text-book of botany (Campb.) 24.224
 Univ. text-book bot. (Campb.) 24.224
 Unkrautsamen der Klee- und Grassarten (*see* Burchard, O.)
 Unters. *Coprinus* (Brunswik) 23.361
 Unters. Fettpfl. (W. Brenner) 22.826
 Unters. Sexual. Parasit. *Mucor*. (Burgeff) 23.704
 Unters. *Stipa-Granne* (J. Cahn) 24.046
 Untersuchungen an einigen Fettpflanzen (W. Brenner) 22.826
 Untersuchungen an *Plagiochilen* (H. Carl) 24.825
 Untersuchungen *Coprinus* (Brunswik) 23.361
 Untersuchungen *Filix-Rhizome* (Capelle-Springe) 24.692
 Untersuchungen Sproßspitzen *Elodea* (R. Cahn) 24.047
 Untersuchungen über den Sprossaufbau der Vitaceen (M. Brandt) 22.556
 Untersuchungen über die Entwicklung der *Empusa* (Bref.) 22.705

- Untersuchungen über Sexualität und Parasitismus bei Mucorineen (Burgeff) 23.704
- Untersuchungen über zweisporige Hymenomycten (Buhr) 23.610
- Ured. Ustil. Nederl. (Calkoen) 24.124
- Uredineae Americanae exsiccatae* (see Carleton, M.A.)
- Uredineae en Ustilagineae van Nederland (Calkoen) 24.124
- Uredineana (see Buhr, H.)
- Urelytrum nouveau (A. Camus) 24.318
- Urophyllum in Afrika (Bremek.) 22.763
- Urophyllum, Pleiocarpidia, Praravinia (Bremek.) 22.762
- Useful plants of the district of Lakhimpur (H.G. Carter) 24.908
- Utvecklingsformer ormgranen (Brenner) 22.821
- Vacuome des Chara et Nitella (Cazalas) 25.188
- Vaiolatura arancie (Caruel) 24.965
- Valeur des caractères tirés de la structure de la tige des Bignoniacées (Bureau) 23.680
- Vanishing wild flowers (E. Britton) 22.987
- Variabilità del Seseli montanum (Calest) 24.120
- Variabilität, Sexualität und Erbllichkeit bei *Phycomyces nitens* (Burgeff) 23.702
- Variabilité chêne rouvre (A.DC.) 24.491
- Variabilité dans les plantes (Caruel) 24.980
- Variation in *Oenothera ovata* (K. Brandegee) 22.534
- Variation of *Ranunculus arvensis* (Burkill) 23.752
- Variations *Cyclamen europaeum* (Calloni) 24.145
- Variazioni *Gagea arvensis* (Calloni) 24.138
- Variétés *Hedysarum obscurum* (A. Camus) 24.352
- Vasculaire basipète Mercuriale (Bugnon) 23.603
- Växtgeografiska studier i Barösunds Skärgård (Wid. Brenner) 22.823
- Veg. arid. port. south. Afr. (W.A. Cannon) 24.685
- Veg.-Bild. Ostaftr. (Busse) 23.970
- Veg.-Bild. Togo (Busse) 23.968
- Veg.-Bild. Westaftr. Nutzpfl. (Busse) 23.969
- Vegetable individual (A. Braun) 22.588
- Vegetable metamorphosis (see Burnett, G.T.)
- Végétal à structure conservée de Valenciennes (Carpentier) 24.855
- Végétation du la Plateau de Huilla (see Candolle, A.L.P.P. de)
- Vegetat. Alluv. nördl. Eurasiens (Cajander) 24.087
- Vegetation arid portions southern Africa (W.A. Cannon) 24.685
- Végétation bryologique de l'Antarctide (Cardot) 24.788
- Végétation de l'île de Lesbos (P.C. Candargy) 24.443
- Vegetation der Alluvionen des nördlichen Eurasiens (Cajander) 24.087
- Vegetation der Hochgebirge zwischen Kittilä und Muonio (Cajander) 24.088
- Vegetation der Schweiz (Brockm.-Jer.) 23.092
- Végétation des colonies françaises (Bureau) 23.692
- Vegetation des Naturparks von Hiisjärvi (A. Brandt) 22.553
- Vegetation des Urwaldes am Lena-Fluss (Cajander) 24.089
- Vegetation map Northwest Mexico (Don. Brand) 22.527
- Vegetation of Philippine mountains (W.H. Br.) 23.253
- Vegetation of Rona Island (Britton) 23.050
- Vegetation of the Sotol country in Texas (W.L. Bray) 22.688
- Vegetation of the Transvaal (Burt Davy) 23.895
- Vegetation Pine Mountain, Kentucky (Lucy Braun) 22.644
- Vegetation Volcano Island (W.H. Br.) 23.248
- Vegetation Wassi Kussa Rivers (Brass) 22.582
- Vegetationen I Några Småländska Sjöar (G.W.F. Carlson) 24.839
- Vegetationsbilder (see Brockmann-Jerosch, H., Brunthaler, J., Büsgen, M.)
- Vegetationsbilder, Das südliche Togo (Busse) 23.968
- Vegetationsbilder, Deutsch-Ostafrika (Busse) 23.970
- Vegetationsbilder, Westafrikanische Nutzpflanzen (Busse) 23.969
- Vegetationsentwicklung im Schweizer Nationalpark (Braun-Blanq.) 22.668
- Vegetationsskizze Ameland (Braun-Blanq.) 22.677
- Vegetationsverhältnisse der Schneestufe in den Rätisch-Lepontischen Alpen (Braun-Blanq.) 22.650
- Vegetationsverhältnisse des "Helms" (Buchenau) 23.505
- Vegetationsverhältnisse des Grossen Atlas (Braun-Blanq.) 22.663
- Vegetațiunea Dobrogei (D. Brândză) 22.564

- Vegetațiunea Romaniei (D. Brândză) 22.563
 Vegetative Vermehrung in Plagioclila (H. Carl) 24.826
 Végétaux fossiles Argiles hauteriviennes (Carpentier) 24.858
 Végétaux phanérogames naturalisés près de Montpellier (A.DC.) 24.449
 Vegetazione nei dintorni d'Orvieto (Calest.) 24.119
 Vegetazione Sardegna meridionale (Cavara) 25.151
 Veget.-entw. Schweiz. Nat.-park (Braun-Blanq.) 22.668
 Végét. Lesbos (P.C. Candargy) 24.443
 Veget. map N.-W. Mexico (Don. Brand) 22.527
 Veget. Naturpark Hiisjärvi (A. Brandt) 22.553
 Veget. Philipp. mount. (W.H. Br.) 23.253
 Veget. Schweiz (Brockm.-Jer.) 23.092
 Veget. Småländska Sjöar (G.W.F. Carlson) 24.839
 Veget. Sotol country Texas (W.L. Bray) 22.688
 Veget. Urwald. Lena-Fluss (Cajander) 24.089
 Veget.-verh. "Helms" (Buchenau) 23.505
 Veget.-verh. Schneest. Rät.-Lep. Alp. (Braun-Blanq.) 22.650
 Veränderlichkeit der Zapfen der Fichte (A. Braun) 22.626
 Veränderungen des Klimas seit dem Maximum der letzten Eiszeit (see 23.080)
 Verbenacearum novarum descriptiones (Briq.) 22.912
 Verbreitung der Juncaceen (Buchenau) 23.497
 Verbreitung gewisser Lebermoose der malaiischen Region (Campb.) 24.253
 Verbreitungsmittel der Leguminosen des tropischen Afrika (Buchw.) 23.551
 Verbr.-Mitt. Legum. trop. Afr. (Buchw.) 23.551
 Vergessene Nutzpflanzen (Brockm.-Jer.) 23.085
 Vergleichende Anatomie der Melanthoideae (Buxb.) 23.993
 Vergleichende Flora Wisconsin (Bruhin) 23.312
 Vergleichende Untersuchungen Ranunculaceen (A. Busse) 23.953
 Vergleichende Untersuchungen über die innere Struktur der Blätter (Bürkle) 23.578
 Vergleichung der nordfriesischen Inseln mit den ostfriesischen in floristischer Beziehung (Buchenau) 23.504
 Vergl. nord- mit ostfries. Inseln (Buchenau) 23.504
 Vergl. Unters. Ranunculaceen (A. Busse) 23.953
 Vergl. Unters. Strukt. Blätt. (Bürkle) 23.578
 Vergrünungen der Blüthe des Weissen Klees (Casp.) 25.025
 Vermont Hellellee (Burt) 23.878
 Véroniques (J. Camus) 24.435
 Versuch natürl. Fam. (Cassel) 25.049
 Versuch über die natürlichen Familien der Pflanzen (Cassel) 25.049
 Versuch vorzügl. Holzarten (Burgsd.) 23.730
 Versuch vorzüglicher Holzarten (Burgsd.) 23.730
 Verwandtschaftsverhältnisse afrikanischen Grewia-Arten (Burret) 23.830
 Verzamelen en bewaren van Myxomyceten (Broeksmit) 23.102
 Verzeichnis der in der Umgegend Grünbergs wachsenden Gefässpflanzen (Burmeister) 23.811
 Verzeichnis der Ostseeprovinzen Russlands Peronosporineae (Buchholz) 23.546
 Verzeichnis im Harz wildwachsenden Pflanzen (Brand) 22.513
 Verzeichnis Ostseeprovinzen Russlands Myxogasteres (Buchholz) 23.545
 Verzeichnis Ostseeprovinzen Russlands Puccinia-Arten (Buchholz) 23.542
 Verzeichniss Baltikum gefundenen Hypogaeen (Buchholz) 23.538
 Verzeichniss botanischen Abhandlungen in den Programmen (Jahresberichten) der österreichischen Mittelschulen 1850-1855 (see Burgerstein, A.)
 Verzeichniss der im Togohinterlande gesammelten Pflanzen (Büttner) 23.590
 Verzeichniss der in der Umgegend von Zittau wild wachsenden, offenblüthigen Pflanzen (Cantiény) 24.686
 Verzeichniss der um Bisenz in Mähren wildwachsenden Pflanzen (Bubela) 23.446
 Verzeichniss der um Helmstedt wildwachsenden Pflanzen (Cappel) 24.703
 Verzeichniss Helmstedt Pfl. (Cappel) 24.703
 Verz. Grünb. Gefässpfl. (Burmeister) 23.811
 Verz. Zittau offenbl. Pfl. (Cantiény) 24.686
 Viag. Amer. sett. (Capellini) 24.694
 Viaggio scientifico America settentrionale (Capellini) 24.694
 Vicia elegantissima (Cavill.) 25.183
 Vie latente des grains (C. DC.) 24.526
 Vierköpfige Runkelrübe (Casp.) 25.037

- Views of the vegetation of the Central Kalahari (Bremek.) 22.744
 Vigne (Carrière) 24.866
 Vigtigste Plantesydomme (*see* Brunchorst, J.)
 Viljavan Mau-Alan (O. Cajander) 24.103
 Vincolo lanuto Luzule (Caruel) 24.939
 Violaceae africanæ (M. Brandt) 22.555
 Violacées de l'Herbier de Buitenzorg (Capitaine) 24.700
 Violets N. Amer. (Brainerd) 22.507
 Violets of North America (Brainerd) 22.507
 Virescenza di Verbasco (Caruel) 24.981
 Vita diatomee nel mare (Castracane) 25.089
 Vitaceae africanæ (*see* Brandt, M.)
 Vocab. bot. Sard.-It. (Cara) 24.721
 Vocabolario botanico Sardo-italiano (Cara) 24.721
 Vocabulario botanico della Sardegna (*see* 24.721)
 Vom Blitz getroffene Eichen (A. Braun) 22.612
 Vom Prothallium der grossen Spore einiger Selaginella-Arten (Bruchm.) 23.281
 Von den Vegetationsorganen der Selaginella Lyallii (Bruchm.) 23.284
 Von den Wurzelträgern der Selaginella Kraussiana (Bruchm.) 23.279
 Von der Selaginella helvetica (Bruchm.) 23.290
 Von Herrn P. Sintenis auf der Insel Portorico 1884-1887 gesammelten Pilze (Bres.) 22.835
 Von W. Busse in Deutsch-Ostafrika gesammelten Strychnos Arten (*see* 23.958)
 Voorbehoedmiddelen op den stempel (*see* 23.664)
 Vorarbeiten zu einer Lebermoosflora Fennoscandias (H. Buch) 23.462
 Vorträge über Blattstellung (A. Braun) 22.583
 Voyage botanique du Sud-Ouest (DC.) 24.619
 Voyage bryologique en Corse (F. Camus) 24.418
 Voyage du S.Y. Belgica, Mousses (Cardot) 24.771
 Voyage en Norvège et en Laponie (*see* Buch, C.L. von)
 Voy. Belgica Mousses (Cardot) 24.771
 Vrille de la vigne (Caruel) 24.937
 Wald des äusseren Nordwestlichen Himalaya (Brandis) 22.545
 Walloneneichen (K. Burk) 23.732
 Wandelingen door den Botanischen tuin te Buitenzorg (*see* Burck, W.)
 Wärmeentwicklung in den Blüten der Victoria regia (Casp.) 25.014
 Weeds arable land (Brenchley) 22.766
 Weeds farm land (Brenchley) 22.768
 Weeds of farm land (Brenchley) 22.768
 Weidebäume durch einen Erdrutsch zerrissen (Casp.) 25.034
 Weitere Beiträge zur Kenntnis der Gattung Strychnos (*see* Busse, W.[K.O.])
 Weitere Unters. Entw.-Gesch. Protomycet. (Büren) 23.577
 Weitere Untersuchungen über die Entwicklungsgeschichte und Biologie der Protomycetaceen (Büren) 23.577
 West Indian Mosses (E. Britton) 22.991
 West Indian sedges (Britton) 23.048
 West Virginia mosses (E. Britton) 22.978
 Western American Birches (B.T. Butler) 23.973
 Westfälische Pilze in getrockneten Exemplaren (*see* Brinkmann, W.)
 Westgrenz. Holzgew. N.-Russl. (Cajander) 24.083
 Westgrenzen einiger Holzgewächse Nordrusslands (Cajander) 24.083
 Westusambara, Vegetation und der wirtschaftliche Werth des Landes (*see* 23.552)
 Wetterauische Laubmoose (*see* Cassebeer, J.H.)
 Wild food pl. Philipp. (W.H. Br.) 23.256
 Wild food plants of the Philippines (W.H. Br.) 23.256
 Wild pimento of Jamaica (Britton) 23.056
 Wild plants needing protection (E. Britton) 22.990
 Wildwachsende Pflanzenbastarde in der Schweiz und deren Nachbarschaft (*see* 23.298)
 Wirkung von Bakterien auf tote Zellen (*see* Buller, A.H.R.)
 Wiss. Erg. deut. Zentr.-Afr. Exped., Bot. (*see* 23.185; Brandt, M.)
 Wiss. Erg. Mesop., Fungi (Bubák) 23.433
 Wiss. Erg. Schwed. Südpolar. Exp. (*see* 24.791, 24.841)
 Wissenschaftliche Ergebnisse der Expedition nach Mesopotamien, Fungi (Bubák) 23.433
 Wissenschaftliche Resultate der zur Aufsuchung eines Mammutkadavers von der Kais. Akademie der Wissenschaften an den Jenissei ausgesandten Expedition (*see* Bruttan, A.)
 Wood-destroying fungi of Java (Burt) 23.888
 Woody plants of Ohio (*see* Braun, [E.] L.)
 Wruke (Casp.) 25.035

- Württemberg's Holz- und Straucharten (Calwer) 24.155
- Württ. Holz-Strauchart. (Calwer) 24.155
- Wurzeln von *Lycopodium* und *Isoetes* (Bruchm.) 23.277
- Wurzelpilze der Orchideen (Burgeff) 23.699
- Wurzelpilze Orch. (Burgeff) 23.699
- W. Virg. mosses (E. Britton) 22.978
- X-Ray treatment *Oenothera* chromosomes (Catcheside) 25.098
- Xanthorrhoea Preissii (Catal.) 25.096
- Xylotomisch-systematische Studien der Pomaceen (Burgerstein) 23.711
- Xylot.-Syst. Stud. Pomac. (Burgerstein) 23.711
- Ytterligare bidrag till kannedomen om *Finska vikens* övegetation (Brenner) 22.774
- Ytterligare om den fågreniga granens (Brenner) 22.814
- Yvesia (A. Camus) 24.330
- Zakflora (Buekers) 23.566; *see* Calkoen, H.J.
- Zentralalpen und Tatra (Braun-Blanq.) 22.665
- Zoospore di una *Cladophora* (Caruel) 24.955
- Zu Seilers Bearbeitung der Brüggerschen Materialien (Braun-Blanq.) 22.649
- Zur Anatomie und Chemie der *Ruta graveolens* (W. Brandt) 22.561
- Zur Bryo-geographie Central-Asiens (Broth.) 23.170
- Zur Flora silesiaca exsiccata (Callier) 24.131
- Zur Flora Tirols (Brügger) 23.294
- Zur Flora von Borkum (Buchenau) 23.494
- Zur Flora Wisconsin (Bruhin) 23.311
- Zur Frage der tropischen Versuchstation in Usambara (*see* Busse, W.[K.O.])
- Zur Frage des Generationswechsels im Pflanzenreich (Buder) 23.563
- Zur Gattung *Jessenia* (*see* 23.844)
- Zur generischen Nomenclatur der Labiata (Briq.) 22.892
- Zur Geschichte des naturwissenschaftlichen Vereines (Buchenau) 23.506
- Zur Kenntnis der Baumechanik der Blütenkelches der Dicotylen (Breindl) 22.722
- Zur Kenntnis der Blütenentwicklung einiger Juncaceen (Wid. Brenner) 22.824
- Zur Mechanik der Embryonenfaltung bei den Gramineen (Burgerstein) 23.717
- Zur Morphologie und Systematik der Fungi hypogaei (*see* 23.540)
- Zusammenhang der naturwissenschaftlichen Disciplinen (A. Braun) 22.587
- Zusammenh. nat.-wiss. Discipl. (A. Braun) 22.587
- Zwei Abschnitte aus der Praxis des botanischen Unterrichtes (Buchenau) 23.508
- Zwei deut. *Isoetes* (A. Braun) 22.597
- Zwei deutsche *Isoetes*-Arten (A. Braun) 22.597
- Zwei Grundfragen der Paläophytogeographie (Brockm.-Jer.) 23.086
- Zwei kritische Pflanzengattungen (Brand) 22.517
- Zwei kultivierte *Chamaedorea*-Arten wildwachsend wiedergefunden (*see* 23.860)
- Zwei neue Phanerogamenspezies aus den Alpen (Braun-Blanq.) 22.659
- Zwei neue Pilze aus Ohio (Bubák) 23.405
- Zwei neue Piper-Arten aus China (C. DC.) 24.548
- Zwei neue *Raphia*-Arten (*see* 23.865)
- Zwei neue Uredineen (Bubák) 23.423
- Zwei neue Uredineen aus Montenegro (Bubák) 23.411
- Zwei neue, Monocotylen bewohnende Pilze (Bubák) 23.410
- Zwei neue, Tannennadeln bewohnende Pilze (Bubák) 23.425
- Zwei- und dreierlei Früchte einiger Schimmelpilze (Casp.) 25.013
- Zweiter Beitrag zur Pilzflora von Böhmen (Bubák) 23.391
- Zweiter Nachtrag zur Verbreitung der Hypogaeen in Russland (Buchholz) 23.544
- Zygodon du Righi (Cardot) 24.752

Index to Names

This index contains the names of authors, collectors, botanical explorers, patrons of botanists, botanical artists, and other collaborators, as well as personal surnames that have been immortalized in names of genera. The names of ships that carried exploring expeditions to remote parts of the world are included in this index too, because the user may only remember that much of the subsequent reports of the trip.

There are, however, a number of explanations and cautions:

(1) The abbreviations of author names are included in the index when they are really abbreviations, i.e. some letters or at least the initials of the first name(s) have been dropped. Such abbreviations are in *italics* and alphabetized as if they were complete words, including one or more initials, with the omission of punctuation and spaces. In this index the initials follow the abbreviation even though the abbreviation in the text is preceded by the initials.

(2) Names beginning with “Mc”, or “Mac” are treated as if spelled “Mac” in combination with the rest of the name as one word (e.g. McDougall).

(3) Similarly, double names, whether hyphenated or not, names beginning with “Da”, “De”, “Des”, “Do”, “Du”, “La”, “Le”, etc. are alphabetized as if they were one word under the first letter of the word (“Candolle” for “de Candolle” is one of the several exceptions where established usage is not conform to this convention). The same holds for Flemish and American names that begin with “Van”. If there is chance of confusion in locating such names, the index lists also the last part of the names under the appropriate letter. Hyphenated double names are not, however, cross-referenced under the last part.

(4) Names of authors of publications cited in the biography/bibliography sections are omitted from this index.

(5) “Beccari, O. 20.510-20.552” (*italic number*) refers to that part of the text just preceding the treatment of the title numbers 20.510-20.552. “Beccari, O. 21.661” (*roman number*) means there is a reference to O. Beccari in the information concerning title 21.661, which is by an author other than O. Beccari. “Hooker, J.D. *see* Beccari, O.” indicates mention of J.D. Hooker in the author paragraphs under O. Beccari.

(6) An author’s name with the notation “(*alph.*)” indicates a person who is included in the text for some reason but who did not publish items treated in this supplement (“Bourgeau, E. (*alph.*)”).

(7) The notation *v.* is used to connect the abbreviation of a personal name with the name in full to explain the meaning of the abbreviation. It is also used as a means of cross-referencing double names, maiden names of married botanists who have published under both names, and names of authors who have used more than one name for their publications. Finally, when a name is frequently used with initial(s) differing from the correct one(s), or in case of different spellings of a name, *v.* is used to connect the various versions of the name.

- Abich, O.W.H. von 23.626
 Agardh, C.A. *see* Bruzelius, A.S.
 Agassiz, L. *see* Braun, A.[C.H.]
 Allioni, C. *see* Burman, N.L.
 Allorge, P. *see* Braun-Blanquet, J.
 Alvins, M.U. *see* Cantley, N.
 André, É.F. 24.516, 24.531
 Archbold expedition *see* Brass, L.J.
 Arnell, H.W. 24.755-24.756
 Arthur, J.C. 23.024, 23.042; *see* Britton, N.L.
 Arvet-Touvet, C. 22.904
 Ascherson, P.F.A. 22.604, 22.610, 22.618,
 22.619, 22.631; *see* Braun, A.[C.H.], Bün-
 ger, E., Büttner, O.A.R., Burret, K.E.M.
 Babcock, E.B. *see* Cave, M.E.
 Bach, M. *see* Caspari, P.
 Bailey, L.H. *see* Britton, E.G.
 Baillon, H.E. *see* Bureau, L.É.
 Baker, C.F. 24.114
 Baker, E.G. 22.972, 22.974-22.975, 24.899
 Baker, J.G. 23.642; *see* Carruthers, W.
 Balard *see* Brun, J.-J.
 Banks, J. *see* Brown, R., Cavanilles, A.J.
 Barbey, W. 23.815; *see* Burnat, É.
 Barnhart, J.H. 23.024
 Barrett, B. *see* Brues, B.
 Bartlett, H.H. 24.104
 Bartling, F.G. *see* Buchenau, F.[G.P.]
 Barton, B.H. *see* Castle, T.
 Bartsch, A.F. 22.570
 Bartusch, G. 23.958
 Bary, [H.] A. de 22.586; *see* Büsgen, M.,
 Buser, R.
 Bauer, E. *see* Burkart, A.E.
 Bauhin, G. 24.547; *see* Candolle, A.P. de
 Bavay, M. 24.165
 Bayard Dominick expedition 23.216
 Beagle *see* Brown, R.
 Beck, G. de 22.718; *see* Breidler, J., Brunn-
 thaler, J.
 Bemmelen, J.A. van 23.650
 Bentham, G. 24.472
 Bergon, P. *see* Camus, E.G.
 Berlese, A.N. *see* Bresàdola, G.
 Berry, E.W. *see* Brown, R.W.
 Berthold, G.D.W. *see* Buscalioni, L.
 Bertoloni, A. 22.873; *see* Candolle, A.P. de
 Bestel, E. *see* Callay, E.-A.-A.
 Bigorra, F.B. 24.997
 Birtwistle, W. 23.794
 Bisby, G.R. 23.981; *see* Buller, A.H.R.
 Biswas, K. *see* Calder, C.C.
 Blochmann, F. *see* Bütschli, [J.A.] O.
 Bodinier, E.M. 24.775
 Bohnensieg, G.W. 23.650
 Bois, D.G.J.M. 24.716
 Boissier, [P.] E. 23.612, 23.820; *see* Buhse, F.,
 Bunge, A.[G.] A., Burnat, É., Buser, R.
 Bonnier, G. 22.948; *see* Capitaine, L.
 Bonvalot, G. 23.690
 Bonvalot, P.G.E. *see* Capus, [J.] G.
 Borch, S. 22.574
 Bornmüller, J. *see* Bruns, F.C.A.
 Bose, J.[G.] C. 23.762
 Bouché, C.D. 22.584, 22.589, 22.605, 22.610,
 22.618-22.619; *see* Braun, A.[C.H.]
 Bourquelot, E. *see* Callay, E.-A.-A.
Br., A. v. Brown, A.
Br., C.A. v. Brown, C.A.
Br., E.D. v. Brown, E.D.
Br., F. v. Brown, F.B.H.
Br., H.P. v. Brown, H.P.
Br., J.P. v. Brown, J.P.
Br., M.R. v. Brown, M.R.
Br., M.S. v. Brown, M.S.
Br., N.E. v. Brown, N.E.
Br., O.T. v. Brown, O.T.
Br., R. v. Brown, R.
Br., R.W. v. Brown, R.W.
Br., W.H. v. Brown, W.H.
Braarud v. Braarud, T.
 Braarud, T. 22.486-22.488
Braarudosphaera *see* Braarud, T.
Braccif. v. Bracciforti, A.
 Bracciforti, A. 22.489
Brachet v. Brachet, F.
 Brachet, F. 22.490
Brack. v. Brackenridge, W.D.
 Brackenridge, W.D. (*alph.*)
Brade v. Brade, A.C.
 Brade, A.C. 22.491-22.498; 24.285
Bradea *see* Brade, A.C.
Braemer v. Braemer, L.
 Braemer, L. 22.499
Braendlein v. Braendlein, K.
 Braendlein, K. (*alph.*)
Braeucker v. Braeucker, T.
 Braeucker, T. 22.501-22.502
 Bräucker, T. v. Braeucker, T.
 Brain, C.K. 22.503
Brainerd v. Brainerd, E.
 Brainerd Baird, V. 22.507
 Brainerd, E. 22.504-22.508; *see* Burt, E.A.
Brand v. Brand, A.
 Brand, A. 22.509-22.526
 Brand, D. 22.527-22.528
Brand, Don. v. Brand, D.
Brandegée v. Brandegée, T.S.

- Brandegee, K. v. Brandegee, M.K.*
 Brandegee, M.K. 22.529-22.534; *see* Brandegee, T.S.
 Brandegee, T.S. 22.535-22.542; *see* Brandegee, M.K.
 Brandes, W. 22.543
Brandis v. Brandis, D.
 Brandis, D. 22.544-22.548
 Brandl, J. 22.549
Brandsch v. Brandsch, C.
 Brandsch, C. 22.550
Brandstetter v. Brandstetter, J.L.
 Brandstetter, J.L. 22.551-22.552
Brandt v. Brandt, J.F.
 Brandt, A. 22.553
 Brandt, [A.] W.[H.] 22.561
 Brandt, E.F.W. 22.554
 Brandt, J.F. (*alph.*)
 Brandt, J.T.H. 22.560
 Brandt, M. 22.555-22.558
 Brandt, R.P. 22.559
Brandt, T. v. Brandt, J.T.H.
Brandt, W. v. Brandt, [A.] W.[H.]
Brandts Buys v. Brandts Buys, L.F.R.P.C.A.
 Brandts Buys, L.F.R.P.C.A. 22.562
Brândză v. Brândză, M.A.
 Brândză, D. 22.563-22.564
 Brândză, M.A. 22.565-22.566
Branner v. Branner, J.C.
 Branner, J.C. 22.567
Brannon v. Brannon, M.A.
 Brannon, M.A. 22.568-22.570
Branscheidt v. Branscheidt, P.
 Branscheidt, P. 22.571-22.572
Branth v. Branth, J.S.D.
 Branth, J.S.D. 22.573-22.577
 Bras, A. 22.578
Brasf. v. Brasfield, T.W.
 Brasfield, T.W. 22.579-22.581
Brass v. Brass, L.J.
 Brass, L.J. 22.582; 23.852
Braun v. Braun, C.F.W.
 Braun, A. v. Braun, A.[C.H.]
 Braun, A.[C.H.] 22.583-22.633; *see* Caspary, [J.X.] R.
 Braun, C.F.W. (*alph.*)
Braun, C.P. v. Braun, C.P.J.G.
 Braun, C.P.J.G. 22.639-22.643
 Braun, E. 22.634
 Braun, [E.] L. 22.644-22.645
 Braun, H. 22.635-22.638
Braun, Heinr. v. Braun, H.
 Braun, Joh. *see* Braun, A.[C.H.]
Braun, Lucy v. Braun, [E.] L.
 Braun, W. 22.646
Braun-Blanq. v. Braun-Blanquet, J.
 Braun-Blanquet, G. 22.669
 Braun-Blanquet, J. 22.647-22.677; 24.678
Braunblanquetia see Braun-Blanquet, J.
Brause v. Brause, G.G.W.
 Brause, G.G.W. 22.678-22.681
 Bravais, A. 22.682; *see* Bravais, L.F.
Bravais, L. v. Bravais, L.F.
 Bravais, L.F. 22.682-22.684
Bravo v. Bravo Hollis, H.
 Bravo Hollis, H. 22.685-22.686
 Bray, W.L. 22.687-22.691
 Brazza, J. de 25.092
Breakwell v. Breakwell, E.
 Breakwell, E. 22.692
Bréb. v. Brébisson, [L.] A. de
 Brébisson, [L.] A. de 22.693-22.698
 Brébisson, R. de 22.698
Brebner v. Brebner, G.
 Brebner, G. 22.699
Breda de Haan v. Breda de Haan, J. van
 Breda de Haan, J. van 22.700-22.701
 Breemen, P.J. 22.702-22.703
Bref. v. Brefeld, J.O.
 Brefeld, J.O. 22.704-22.714
Brehmer v. Brehmer, W.G.B.A. von
 Brehmer, W.G.B.A. von 22.715-22.717
Breidl. v. Breidler, J.
 Breidler, J. 22.718-22.721
Breindl v. Breindl, M.
 Breindl, M. 22.722
Breistr. v. Breistroffer, M.[A.F.]
 Breistroffer, M.[A.F.] 22.723
Breitf., A. v. Breitfeld, A.
 Breitfeld, A. 22.724
Bremek. v. Bremekamp, C.E.B.
 Bremekamp, C.E.B. 22.725-22.764
Bremme v. Bremme, I.
 Bremme, I. 22.765
Brenchley v. Brenchley, W.E.
 Brenchley, W.E. 22.766-22.768
Brenckle v. Brenckle, J.F.
 Brenckle, J.F. 22.769-22.770
Brendel v. Brendel, F.
 Brendel, F. 22.771-22.772
Brenner v. Brenner, M.[M.W.]
 Brenner, H. *see* Brenner, W.[M.]
 Brenner, M.[M.W.] 22.773-22.821
 Brenner, W. 22.826-22.828
 Brenner, W.[M.] 22.822-22.825
Brenner, Wid. v. Brenner, W.[M.]
Bres. v. Bresádola, G.
 Bresádola, G. 22.829-22.845; 24.817

- Breton, A. v. Breton, A. le*
 Breton, A. le 22.846-22.848
 Breton, C. 22.849
Bretschn. v. Bretschneider, E.[V.]
 Bretschneider, E.[V.] 22.850-22.851
 Bretzl, H. 22.852
Brewer v. Brewer, J.A.
 Brewer, J.A. (*alph.*)
Brez v. Brez, J.
 Brez, J. 22.853
Briard v. Briard, P.-A.
 Briard, P.-A. (*alph.*)
Brick v. Brick, C.
 Brick, C. 22.854-22.857
Brid. v. Bridel(-Brideri), S.-E. de
 Bridel(-Brideri), S.-É. de (*alph.*)
Brieger v. Brieger, F.G.
 Brieger, F.G. 22.858-22.862
Brierley v. Brierley, W.B.
 Brierley, M. 22.867
 Brierley, W.B. 22.863-22.867
Brig., F. v. Briganti, F.
 Briganti, F. 22.868-22.871
 Briganti, V. *see* Briganti, F.
Briggs v. Briggs, T.R.A.
 Briggs, T.R.A. (*alph.*)
Brign. v. Brignoli di Brunnhoff, G. de
 Brignoli di Brunnhoff, G. de 22.872-22.873
 Brill, O. 22.874
Brinkm. v. Brinkman, A.H.
 Brinkman, A.H. 22.875-22.879
Brinkmann v. Brinkmann, W.
 Brinkmann, W. 22.880-22.881
Briosi v. Briosi, G.
 Briosi, G. 22.882-22.886; *see* Cavara, F.
Briq. v. Briquet, J.I.
 Briquet, J.I. 22.887-22.964; 23.822, 24.670;
see Burnat, É., Buser, R., Cavillier, F.
Briss. v. Brisson de Lenharrée, T.P.
 Brisson de Lenharrée, T.P. 22.965-22.969
Britten v. Britten, J.
 Britten, J. 22.970-22.975; 24.899
Brittinger v. Brittinger, C.C.
 Brittinger, C.C. 22.976
Britton v. Britton, N.L.
 Britton, E. v. Britton, E.G.
 Britton, E.G. 22.977-23.005; 23.022, 23.042
 Britton, N.L. 23.006-23.061; 22.934, 22.998;
see Britton, E.G.
Britzelm. v. Britzelmayr, M.
 Britzelmayr, M. 23.062-23.070
Brizi v. Brizi, U.
 Brizi, U. 23.071
Broadh. v. Broadhurst, J.A.
- Broadhurst, J.A. 23.072
Brockhausen v. Brockhausen, H.
 Brockhausen, H. 23.073
Brockm.-Jer. v. Brockmann-Jerosch, H.
 Brockmann, C. 23.074-23.076
 Brockmann, H. *see* Brockmann-Jerosch, H.
 Brockmann-Jerosch, H. 23.077-23.095; 23.533;
see Braun-Blanquet, J.
 Brockmann-Jerosch, M. 23.082, 23.091, 23.094
Brodttmann v. Brodtmann, [C.J.A.] F.
 Brodtmann, [C.J.A.] F. 23.096
Broeck v. Broeck, H. van den
 Broeck, H. van den 23.097
Broekens v. Broekens, D.J.
 Broekens, D.J. 23.098
Broekhuizen v. Broekhuizen, S.
 Broekhuizen, S. 23.099
Broeksmit v. Broeksmit, T.
 Broeksmit, T. 23.100-23.105
Broers v. Broers, G.
 Broers, G. 23.106
Brokschmidt v. Brokschmidt, [P.A.] O.
 Brokschmidt, [P.A.] O. 23.107
Brond. v. Brondeau, L. de
 Brondeau, L. de 23.108-23.111
Brongn. v. Brongniart, A.T.
 Brongniart, A.T. 23.112-23.143
 Brongniart, Al. *see* Brongniart, A.T.
Bronn v. Bronn, H.G.
 Bronn, H.G. 23.144-23.146
Brooks v. Brooks, C.J.
 Brooks, C.J. 23.147
 Brooks, F.T. 23.148
 Brooks, M.G. 23.149
Broome v. Broome, C.E.
 Broome, C.E. 23.150-23.151
Broth. v. Brotherus, V.F.
 Brotherus, V.F. 23.152-23.200; 23.301, 24.815;
see Brunthaler, J.
Brough v. Brough, P.
 Brough, P. 23.201-23.205
 Broun, M. 23.206
 Brouwer, J. 23.207-23.208
 Brow, S. 23.031
 Brown, A. (*alph.*)
 Brown, C.A. 23.209-23.211
 Brown, E.D. 23.212-23.213; 23.217
 Brown, F.B.H. 23.214-23.217; *see* Brown,
 C.A., Brown, E.D.
 Brown, H.P. 23.218-23.221
 Brown, J.P. 23.222
 Brown, M.R. 23.224
 Brown, M.S. 23.223
 Brown, N.E. 23.225-23.229; 23.750; Bro-

- therus, V.F.
 Brown, O.T. 23.230
 Brown, R. 23.231-23.239; *see* Carrington, B.
 Brown, R.W. 23.240-23.243
 Brown, S. 23.024, 23.042
 Brown, W.H. 23.244-23.258
 Browne, I. v. Browne, I.M.P.
 Browne, I.M.P. 23.259-23.271
 Browne, P. (*alph.*)
 Brož v. Brož, O.
 Brož, O. 23.272-23.273
 Bruce v. Bruce, J.
 Bruce, J. 23.274
 Bruch v. Bruch, P.
 Bruch, C.L. 23.275
 Bruch, K.L. v. Bruch, C.L.
 Bruch, P. 23.276
 Bruchm. v. Bruchmann, H.
 Bruchmann, H. 23.277-23.290
 Bruck v. Bruck, W.F.
 Bruck, W.F. 23.291
 Bruckmüller v. Bruckmüller, A.
 Bruckmüller, A. 23.292
 Brückn., G. v. Brückner, G.
 Brückner, G. 23.293
 Brügger v. Brügger, C.G.
 Brügger, C.G. 23.294-23.300
 Bruehl v. Bruehl, P.J.
 Bruehl, P.J. 23.301
 Brues, B. 23.302
 Brues, C.T. 23.302
 Bruggeman v. Bruggeman, M.L.A.
 Bruggeman, M.L.A. 23.303-23.306
 Bruhin v. Bruhin, T.A.
 Bruhin, T.A. 23.307-23.315
 Bruhne v. Bruhne, K.[H.H.F.]
 Bruhne, K.[H.H.F.] 23.316
 Bruijn v. Bruijn, A.J. de
 Bruijn, A.J. de 23.317
 Bruinsma, V. 23.318
 Brumh. v. Brumhard, P.
 Brumhard, P. 23.319
 Brumpt v. Brumpt, É.J.A.
 Brumpt, É.J.A. 23.320
 Brun v. Brun, J.-J.
 Brun, J.-J. 23.321-23.323
 Brunaud v. Brunaud, P.
 Brunaud, P. 23.324-23.338
 Brunch. v. Brunchorst, J.
 Brunchorst, J. 23.339
 Brundin v. Brundin, J.A.Z.
 Brundin, J.A.Z. 23.340
 Brundza v. Brundza, K.
 Brundza, K. 23.341
 Brunel v. Brunel, J.[B.]
 Brunel, J.[B.] 23.342-23.343
 Bruni v. Bruni, A.
 Bruni, A. 23.344
 Brunies v. Brunies, S.E.
 Brunies, S.E. 23.345-23.347; 22.668
 Brunner, C. v. Brunner, C.[E.]
 Brunner, C. 23.350
 Brunner, C. fils 23.349
 Brunner, C., Hamb. v. Brunner, C.
 Brunner, C.[E.] 23.348
 Brunner, S. *see* Brunner, C.[E.]
 Brunnth. v. Brunnthaler, J.
 Brunnthaler, J. 23.351-23.355; *see* Brothe-
 rus, V.F.
 Brunotte v. Brunotte, C.-M.-G.
 Brunotte, C.-M.-G. 23.356-23.359
 Bruns v. Bruns, F.C.A.
 Bruns, F.C.A. 23.360
 Brunswick, H. v. Brunswik von Korompa, H.
 Brunswik v. Brunswik von Korompa, H.
 Brunswik von Korompa, H. 23.361
 Brutschy v. Brutschy, A.
 Brutschy, A. 23.362
 Bruttan v. Bruttan, A.
 Bruttan, A. 23.363-23.364
 Bruun v. Bruun, H.G.
 Bruun, H.G. 23.365
 Bruz v. Bruz, L.
 Bruz, L. 23.366
 Bruzelius v. Bruzelius, A.S.
 Bruzelius, A.S. (*alph.*)
 Bry v. Bry, H.M.[E.]
 Bry, H.M.[E.] 23.367
 Bryan v. Bryan, M.M.
 Bryan, M.M. 23.368
 Bryan, W.A. 23.369
 Bryhn v. Bryhn, N.
 Bryhn, N. 23.370-23.386
 Brzez. v. Brzeziński, J.P.
 Brzeziński, J.P. 23.387-23.388
 Bubák v. Bubák, F.
 Bubák, F. 23.389-23.442
 Bubani v. Bubani, P.
 Bubani, P. 23.443-23.444
 Bubel v. Bubel, K.C.
 Bubel, K.C. 23.445
 Bubela v. Bubela, J.
 Bubela, J. 23.446
 Buch v. Buch, C.L. von
 Buch, C.L. von 23.447
 Buch, H. v. Buch, H.R.V.
 Buch, H.R.V. 23.448-23.474
 Buch, O. 23.475

- Buchanan v. Buchanan*, J.
Buchanan, J. 23.476-23.479
Buchanan, J., C.M.G. v. *Buchanan*, J., Rev. C.M.G.
Buchanan, J., Rev. C.M.G. 23.480
Buchanan, R.E. 23.481-23.482
Buchegger v. Buchegger, J.
Buchegger, J. 23.483
Buchenau v. Buchenau, F.[G.P.]
Buchenau, F.[G.P.] 23.484-23.522
Bucher, C.T. 23.523
Bucherer v. Bucherer, E.
Bucherer, E. 23.524
Bucherer-Gözl, E. v. *Bucherer*, E.
Buchet v. Buchet, S.
Buchet, S. 23.525-23.526
Buchheim, A.[N.] 23.527
Buchholz v. Bucholtz, F.[V.]
Buchholz, F.V. v. *Bucholtz*, F.[V.]
Buchholz, J. v. *Buchholz*, J.T.
Buchholz, J.T. 23.528-23.532; 22.567
Buchli, M. 23.533
Bucholtz, F.[V.] 23.534-23.548
Buchtien v. Buchtien, O.A.
Buchtien, O.A. 23.549-23.550
Buchw. v. Buchwald, J.
Buchw., N.F. v. Buchwald, N.F.
Buchwald, J. 23.551-23.552
Buchwald, N.F. 23.553-23.556
Buchwaldoboletus see Buchwald, N.F.
Buckland v. Buckland, W.
Buckland, W. (*alph.*)
Buckley v. Buckley, S.B.
Buckley, S.B. (*alph.*)
Buckn. v. Bucknall, C.
Bucknall, C. 23.557
Budde v. Budde, H.
Budde, H. 23.558
Budde, [J.] W. 23.559
Buddin v. Buddin, W.
Buddin, W. 23.560-23.562
Buder v. Buder, J.
Buder, J. 23.563-23.564
Büchner, E. v. *Büchner*, E.W.G.
Büchner, E.W.G. 23.565
Buek, H.W. *see Candolle*, A.P. de
Buekers v. Buekers, P.G.
Buekers, P.G. 23.566-23.570
Buen v. Buen y del Cos, O. de
Buen y del Cos, O. de 23.571
Bünger v. Binger, E.
Bünger, E. 23.572
Büren v. Büren, G. von
Büren, G. von 23.573-23.577
- Bürkle v. Bürkle*, R.
Bürkle, R. 23.578
Büse, L.H. v. *Buse*, L.H.
Büsgen v. Büsgen, M.
Büsgen, M. 23.579-23.584
Buetschli v. Bütschli, [J.A.] O.
Bütschli, [J.A.] O. 23.585-23.586
Büttner v. Büttner, O.A.R.
Büttner, O.A.R. 23.587-23.590
Buffham v. Buffham, T.H.
Buffham, T.H. 23.591-23.593
Bugnic. v. Bugnicourt, F.
Bugnicourt, F. 23.594
Bugnon v. Bugnon, P.F.
Bugnon, P.F. 23.595-23.609
Buhr v. Buhr, H.
Buhr, H. 23.610
Buhse v. Buhse, F.[A.]
Buhse, F.[A.] 23.611-23.613
Buining v. Buining, A.F.H.
Buining, A.F.H. 23.614
Buiningia see Buining, A.F.H.
Buisman v. Buisman, C.J.
Buisman, C.J. 23.615-23.617
Bujack v. Bujack, J.G.
Bujack, J.G. 23.618
Buller v. Buller, A.H.R.
Buller, A.H.R. 23.619-23.622
Bullock v. Bullock, A.A.
Bullock, A.A. 23.623
Bulnh. v. Bulnheim, C.O.
Bulnheim, C.O. (*alph.*)
Bunge v. Bunge, A.[G.] A. von
Bunge, A.[G.] A. von 23.624-23.638
Burb. v. Burbidge, F.W.T.
Burbidge, F.W.T. 23.639-23.643
Burch. v. Burchell, W.J.
Burchard v. Burchard, O.
Burchard, G. v. *Burchard*, G.A.
Burchard, G.A. 23.644
Burchard, O. 23.645-23.647
Burchell, W.J. (*alph.*)
Burck v. Burck, W.
Burck, W. 23.648-23.671
Bureau v. Bureau, L.É.
Bureau, É. 23.672-23.673; 24.411; *see Camus*, F.[A.]
Bureau, Ém. v. Bureau, É.
Bureau, L.É. 23.674-23.698
Burgeff v. Burgeff, H.[E.N.]
Burgeff, H.[E.N.] 23.699-23.707
Burgerstein v. Burgerstein, A.
Burgerstein, A. 23.708-23.717
Burges v. Burges, N.A.

- Burges, N.A. 23.718-23.721
 Burgess, E.S. 23.722-23.726
 Burgess, J.J. 23.727
 Burgess, J.T. 23.728
Burgess, T. v. Burgess, T.J.W.
 Burgess, T.J.W. 23.729
Burgsd. v. Burgsdorff, F.A.L. von
 Burgsdorff, F.A.L. von 23.730-23.731
 Burk, K. 23.732
Burkart v. Burkart, A.E.
 Burkart, A.E. 23.733-23.743
Burkh., P.R. v. Burkholder, P.R.
 Burkhardt v. Burkhardt, C.F.
 Burkhardt, C.F. 23.744
 Burkholder, P.R. 23.745
Burkill v. Burkill, I.H.
 Burkill, I.H. 23.746-23.797; 23.225
Burl. v. Burlingham, G.S.
Burlingame v. Burlingame, L.L.
 Burlingame, L.L. 23.798-23.801
 Burlingham, G.S. 23.802-23.810
Burm. f. v. Burman, N.L.
 Burman, Joh. *see* Burman, N.L.
 Burman, N.L. (*alph.*)
 Burmeister 23.811
Burnap v. Burnap, C.E.
 Burnap, C.E. 23.812
Burnat v. Burnat, É.
 Burnat, É. 23.813-23.822; *see* Cavillier, F.
Burnett v. Burnett, G.T.
 Burnett, G.T. 23.823-23.824; 23.825
 Burnett, M.A. 23.825; 23.824; *see* Bumett, G.T.
Burnettia see Burnett, M.A.
 Burns, G.P. 23.826-23.827
 Burns, W. 23.828
Burrell v. Burrell, W.H.
 Burrell, W.H. 23.829
Burret v. Burret, K.E.M.
 Burret, K.E.M. 23.830-23.870
Burrill v. Burrill, T.J.
 Burrill, T.J. 23.871
Bursa v. Bursa, A.S.
 Bursa, A.S. 23.872-23.875
Burt v. Burt, E.A.
 Burt, E.A. 23.876-23.889
Burtin v. Burtin, F.X. de
 Burtin, F.X. de 23.890
 Burton, R.F. *see* Carruthers, W.
 Burtt, A.H. 23.891
Burtt Davy v. Burtt Davy, J.
 Burtt Davy, J. 23.892-23.914
 Buscal. v. Buscalioni, L.
 Buscalioni, L. 23.915-23.920
 Busch, P. 23.921
Buschbaum v. Buschbaum, H.
 Buschbaum, H. 23.922-23.923
Buschmann v. Buschmann, A.
 Buschmann, A. 23.924-23.925
Buse v. Buse, L.H.
 Buse, H.D. Gildemeester *see* Buse, L.H.
 Buse, L.H. 23.926
Buse-Koppiers see Buse, L.H.
Buser v. Buser, R.
 Buser, R. 23.927-23.936; 23.929, 24.670
Bush v. Bush, B.F.
 Bush, B.F. 23.937-23.952
Busse v. Busse, W.[K.O.]
 Busse, A. 23.953-23.954
 Busse, W.[K.O.] 23.955-23.971
Butcher v. Butcher, R.W.
 Butcher, R.W. 23.972
 Butler, B.T. 23.973
 Butler, E.J. 23.974-23.981
 Butler, G.D. 23.982
Butters v. Butters, F.K.
 Butters, F.K. 23.983-23.989; 23.989
 Butterworth, J. 23.990
 Butterworth, J.T. *see* Butterworth, J.
Buwalda v. Buwalda, P.
 Buwalda, P. 23.991
Buxb. v. Buxbaum, F.
 Buxbaum, F. 23.992-23.997
Buys. v. Buysson, R. du
 Buysson, R. du 23.998
 Buze, F.A. *see* Buhse, F.[A.]
Caball. v. Caballero y Segarés, A.
 Caballero y Segarés, A. 23.999-24.002
Cabanès v. Cabanès, J.-G.
 Cabanès, J.-G. 24.003-24.004
Cabejsz. v. Cabejszekówna, I.
 Cabejszekówna, I. 24.005
 Cabejszek, I. v. Cabejszekówna, I.
Cabrera v. Cabrera, A.L.
 Cabrera, A.L. 24.006-24.031
Cacciamali v. Cacciamali, G.B.
 Cacciamali, G.B. 24.032
Cadet de Gass. v. Cadet de Gassicourt, C.L.F.
 Cadet de Gassicourt, C.L.F. 24.033-24.035
 Cadeval y Diars, J. 24.036-24.040
Cadevall v. Cadevall [I] y Diars, J.
Caels v. Caels, T.P.
 Caels, T.P. (*alph.*)
Caffin v. Caffin, J.-F.
 Caffin, J.-F. 24.041
Cafilisch v. Cafilisch, J.F.
 Cafilisch, J.F. 24.042-24.045
 Cahn, J. 24.046
 Cahn, R. 24.047

- Caill.* v. *Cailliaud*, F.
Cailliaud, F. (*alph.*)
Caillon v. *Caillon*, H.
Caillon, H. 24.048
Cain v. *Cain*, R.F.
Cain, R.F. (*alph.*)
Cain, S.A. 24.049-24.058
Caius v. *Caius*, J.F.
Caius, J.F. 24.059-24.078
Cajander v. *Cajander*, A.K.
Cajander, A. 24.079
Cajander, A.K. 24.080-24.102
Cajander, O. 24.103
Cake v. *Cake*, W.E.
Cake, W.E. 24.104
Calcara v. *Calcara*, P.
Calcara, P. 24.105-24.106
Calder, C.C. 24.107-24.108
Calderon, S. 24.109
Caldesi v. *Caldesi*, L.
Caldesi, L. 24.110-24.112
Caldwell v. *Caldwell*, R.M.
Caldwell, O.W. 24.113-24.115
Caldwell, R.M. 24.116
Calest. v. *Calestani*, V.
Calestani, V. 24.117-24.120
Calk. v. *Calkins*, W.W.
Calkins, W.W. 24.121-24.123
Calkoen v. *Calkoen Az.*, H.J.
Calkoen Az., H.J. 24.124-24.126
Call, R.E. 24.127
Callay v. *Callay*, E.-A.-A.
Callay, E.-A.-A. (*alph.*)
Callier v. *Callier*, A.
Callier, A. 24.128-24.135
Callmé v. *Callmé*, H.A.
Callmé, H.A. 24.136
Calloni v. *Calloni*, S.
Calloni, S. 24.137-24.152
Calvi v. *Calvi*, G.
Calvi, G. 24.153
Calvino v. *Calvino*, M.
Calvino, M. 24.154
Calwer v. *Calwer*, C.G.
Calwer, C.G. 24.155
Camara-Leme v. *Camara-Leme*, J. da
Camara-Leme, J. da 24.156
Cambage v. *Cambage*, R.H.
Cambage, R.H. 24.157-24.158
Cambess. v. *Cambessèdes*, J.
Cambessèdes, J. 24.159-24.161
Cameron Sund., J. v. *Cameron*, J.
Cameron, D.R. 24.162
Cameron, J. 24.163
Caminhoá v. *Caminhoá*, J.M.
Caminhoá, J.M. 24.164-24.165
Cammerloher v. *Cammerloher*, H.
Cammerloher, H. 24.166-24.187
Camp v. *Camp*, W.H.
Camp, A.F. 24.188
Camp, W.H. 24.189-24.194
Campanile v. *Campanile*, G.
Campanile, G. 24.195-24.201
Campb. v. *Campbell*, D.H.
Campb., E.G. v. *Campbell*, E.G.
Campb., R.S. v. *Campbell*, R.S.
Campb., Rob. v. *Campbell*, R.
Campbell, D.H. 24.202-24.276
Campbell, E.G. 24.277
Campbell, Ed. 22.668
Campbell, R. 24.278-24.280
Campbell, R.S. 24.281
Campos Porto, P. de 24.282-24.285
Campos-Porto v. *Campos Porto*, P. de
Camus, A. 24.286-24.386; *see* *Camus*, E.-G.
Camus, E.-G. 24.387-24.400; 24.308, 24.399;
see *Camus*, A.
Camus, F.[A.] 24.401-24.426; 23.672-23.673;
see *Camus*, J.
Camus, G. v. *Camus*, E.-G.
Camus, J. 24.427-24.438
Canabaeus v. *Canabaeus*, L.
Canabaeus, L. 24.439-24.440
Canby, M.L. 24.441
Candargy, C.-A. 24.442; *see* *Candargy*, P.C.
Candargy, P.C. 24.443-24.444; 24.442; *see*
Candargy, C.A.
Candolle, A.L.P.P. de 24.445-24.498; 23.349,
23.444, 24.635, 24.666, 24.669; *see* *Bri-*
quet, J.I., *Brunner*, C. fils, *Burnat*, É., *Cand-*
dolle, C. de
Candolle, [A.]C.[P.] de 24.499-24.608; 24.479,
24.547, 24.670; *see* *Candolle*, [R.-É.-]A.
de, *Candolle*, A.P. de
Candolle, A.P. de 24.609-24.669; 24.475,
24.547, 24.635; *see* *Candolle*, A.L.P.P. de
Candolle, [R.-É.-] A. de 24.670-24.677;
24.589
Candrian v. *Candrian*, M.
Candrian, M. 24.678
Cannarella v. *Cannarella*, P.
Cannarella, P. 24.679-24.680
Cannon, W.A. 24.681-24.685
Cantiény v. *Cantiény*, G.
Cantiény, G. 24.686
Cantley v. *Cantley*, N.
Cantley, N. 24.687-24.688
Cantleya *see* *Cantley*, N.

- Cap* v. *Cap*, P.-A.
Cap, P.-A. 24.689
Capeder v. *Capeder*, E.
Capeder, E. 24.690-24.691
Capelle-Springe v. *Capelle-Springe*, G.
Capelle-Springe, G. 24.692
Capelli v. *Capelli*, C.[M.]
Capelli, C.[M.] 24.693
Capellini v. *Capellini*, G.
Capellini, G. 24.694-24.695
Capitaine v. *Capitaine*, L.
Capitaine, L. 24.696-24.702
Cappel v. *Cappel*, J.F.L.
Cappel, J.F.L. 24.703
Cappelletti v. *Cappelletti*, C.
Cappelletti, C. 24.704-24.710
Capra, G. 24.711
Capurro v. *Capurro*, R.H.
Capurro, R.H. 24.712
Capus v. *Capus*, [J.] G.
Capus, [J.] G. 24.713-24.717
Caquet v. *Caquet*, F.
Caquet, F. 24.718-24.720
Cara v. *Cara*, A.
Cara, A. 24.721
Carano v. *Carano*, E.
Carano, E. 24.722-24.730
Caraven-Cachin v. *Caraven-Cachin*, A.
Caraven-Cachin, A. 24.731-24.732
Card v. *Card*, H.H.
Card, H.H. 24.733
Cardiff v. *Cardiff*, I.D.
Cardiff, I.D. 24.734
Cardoso [Junior], J.[A.] 24.735-24.737
Cardoso Jr. v. *Cardoso* [Junior], J.[A.]
Cardot v. *Cardot*, J.
Cardot, J. 24.738-24.815; *see* Broeck, H. van
den, Brotherus, V.F.
Carena v. *Carena*, G.
Carena, G. 24.816
Carestia, A. 24.817
Carestia, Ant. v. *Carestia*, A.
Carey, J. 24.818-24.821
Carey, W. (*alph.*)
Cariot v. *Cariot*, A.
Cariot, A. (*alph.*)
Carl, H. 24.822-24.827
Carl, J.A. (*alph.*)
Carles v. *Carles*, P.-P.
Carles, P.-P. 24.828
Carlet v. *Carlet*, J.G.
Carlet, J.G. 24.829
Carleton v. *Carleton*, M.A.
Carleton, M.A. 24.830-24.833
Carlier v. *Carlier*, L.
Carlier, L. 24.834-24.836
Carlson, C.S. 24.837
Carlson, G.W.F. 24.838-24.841
Carmignani v. *Carmignani*, V.
Carmignani, V. 24.842
Carnoy v. *Carnoy*, J.B.
Carnoy, J.B. 24.843-24.845
Caro, H. 24.846
Carpentier v. *Carpentier*, Al.
Carpentier, Ad. 24.847
Carpentier, Al. 24.848-24.860
Carreiro, B.T. 24.778
Carrier, L. 24.861-24.862
Carrière v. *Carrière*, É.-A.
Carrière, É.-A. 24.863-24.868
Carrington v. *Carrington*, B.
Carrington, B. 24.869-24.873
Carrisso v. *Carrisso*, L.W.
Carrisso, L.W. 24.874
Carroll v. *Carroll*, I.
Carroll, I. 24.875-24.876
Carron, G. 24.877
Carruthers v. *Carruthers*, W.
Carruthers, W. 24.878-24.899; 22.972
Carse v. *Carse*, H.
Carse, H. 24.900-24.901
Carson v. *Carson*, J.
Carson, J. (*alph.*)
Carter, A.M. 24.902
Carter, D.N. 24.908
Carter, H.G. 24.906-24.908
Carter, H.J. 24.903-24.905
Carter, J.M.G. 24.909
Carter, N. 24.910-24.916
Carter, W.R. 24.917
Caruel v. *Caruel*, T.
Caruel, T. 24.918-24.991; *see* Caldesi, L.
Carus v. *Carus*, C.G.
Carus, C.G. 24.992
Cas.-Gil v. *Casares-Gil*, A.
Casali v. *Casali*, C.
Casali, C. 24.993-24.994
Casar. v. *Casaretto*, G.
Casares-Gil, A. 24.995-25.000
Casaretto, G. (*alph.*)
Cash, E.K. 25.001-25.008
Casp. v. *Caspary*, [J.X.] R.
Caspari, P. 25.009
Casparis v. *Casparis*, P.
Casparis, P. 25.010
Caspary, [J.X.] R. 25.011-25.047; 22.586,
22.629
Casparya *see* *Caspary*, [J.X.] R.

- Casseb.* v. Cassebeer, J.H.
 Cassebeer, J.H. 25.048
Cassel v. Cassel, F.P.
 Cassel, F.P. 25.049-25.050
Castagne v. Castagne, J.-L.-M.
 Castagne, J.-L.-M. (*alph.*)
Castell., *E.* v. Castellani, E.
 Castellani, E. 25.051
Castellanos v. Castellanos, A.
 Castellanos, A. 25.052-25.069
Castetter v. Castetter, E.F.
 Castetter, E.F. 25.070
 Castillo, L. 25.071
Castillon v. Castillon, L.
 Castillon, L. 25.072-25.073
 Castle, H. 25.074-25.076
Castle, L. v. Castle, R.L.
 Castle, R.L. 25.077-25.078
 Castle, T. 25.079
Castracane v. Castracane degli Antelminelli, F.
 Castracane degli Antelminelli, F. 25.080-
 25.095; 22.698
Catal. v. Catalano, G.
 Catalano, G. 25.096
Catcheside v. Catcheside, D.G.
 Catcheside, D.G. 25.097-25.100
Cathcart v. Cathcart, A.F.
 Cathcart, A.F. 25.101
Catlow v. Catlow, A.
 Catlow, A. 25.102-25.104
Cattaneo v. Cattaneo, A.
 Cattaneo, A. 25.105
 Cattley, W. 25.106
Cattleya see Cattley, W.
Caum v. Caum, E.[L.]
 Caum, E.[L.] 25.107-25.110
Caussin v. Caussin, O.A.
 Caussin, O.A. 25.111-25.116
Cauvet v. Cauvet, [P.É.L.] D.
 Cauvet, [P.É.L.] D. 25.117-25.121
Cav. v. Cavanilles, A.J.
 Cavanilles, A.J. 25.122-25.130
Cavara v. Cavara, F.
 Cavara, F. 25.131-25.170; see Briosi, G.
Cave v. Cave, M.E.
 Cave, G.H. 25.171
 Cave, M.E. (*alph.*)
Cavers v. Cavers, F.
 Cavers, F. 25.172-25.179
Cavill. v. Cavillier, F.[G.]
 Cavillier, F.[G.] 25.180-25.184; 22.957, 23.822
Cayley v. Cayley, D.M.
 Cayley, D.M. 25.185
 Caylus, A.C.P. [Sr.] 25.186
 Caylus, A.C.P. [Jr.] 25.187
Caylusea see Caylus, A.C.P. [Sr.]
Cazalas v. Cazalas, R.
 Cazalas, R. 25.188
Cazin, C.E. 25.189
 Cazin, F.J. 25.190
 Chaillet, J.F. 24.664
 Chalk, L. 23.906; see Burrtt Davy, J.
 Charcot, J.B.É.A. 24.784, 24.802
 Charpin, A. see Burnat, É.
 Charrier, J. 24.426
 Chatin, G.A. see Camus, E.G.
 Chermezon, H. 23.525
 Chirat, L. see Cariot, A.
 Chodat, R. see Carrisso, L.W.
 Christ, [K.H.]H. 24.112, 24.670; see Burnat, É.
 Ciferri, R. 25.051
 Clarke, C.B. see Brotherus, V.F.
 Clements, F.E. 23.024, 23.042; see Butters,
 F.K., Britton, N.L.
 Clusius, C. 23.725
 Cogniaux, [C.] A. 24.484
 Cohn, F.J. 22.724; see Braun, A.[C.H.], Bre-
 feld, J.O., Brick, C.
 Cohn, H. see Brick, C.
 Compton, R.H. 24.911
 Constance, L. see Cave, M.E.
 Conwell, W.E.E. 24.035
 Cook, O.F. 23.024, 23.042
 Cottam, W.P. 22.770
 Coulter, J.M. 23.024, 23.031
 Coville, F.V. 22.567, 23.024, 23.042
 Cox, P.Z. 24.907
 Cratacap v. Cap. P.-A.
 Crawley, V.G. 23.896
 Crépin, F. 23.819
 Croft, M.B. 23.010
 Crosby, C.S. 23.751
 Cruchet, P. 22.658
 Cognac, A. de 24.350
 Cuisin, C. 23.815, 23.929
 Curran, H. see Brandegeee, M.K.
 Curran, M.K. see Brandegeee, M.K.
 Czermak, J. 22.922
 Damazio, L.B. 24.549
 Dames, W. see Buch, C.L. von
 Dangeard, P. see Cazalas, R.
 Daniell, W.F. 24.878
 Darwin, C. 23.038, 23.669-23.670
 Davy, J.B. v. Burrtt Davy, J.
DC., A. v. Candolle, A.L.P.P. de
DC., C. v. Candolle, [A.] C.[P.] de
DC. v. Candolle, A.P. de
DC., Aug. v. Candolle, [R-É.-]A. de

- Dearness, J. *see* Buller, A.H.R.
 Delamare, E. *see* Cardot, J.
 Delessert, J.P.B. 24.455; *see* Briquet, J.I.,
 Candolle, A.P. de
 Derbès, A.A. *see* Castagne, J.
 Desch, H.E. 23.906; *see* Burt Davy, J.
 Desfontaines, R.L. 24.656; *see* Brongniart,
 A.T., Cavanilles, A.J.
 Dey, J. 25.071
 Diedicke, H. 23.426
 Diels, L. 22.646; *see* Brückner, G., Bry, H.M.[E.]
 Dijnphna-expeditions 22.574
 Dixon, F. *see* Carruthers, W.
 d'Orléans, H. 23.690
 Drake, C.F.T. *see* Carruthers, W.
 Drygalski, E. von *see* Brotherus, V.F.
 Duby, J.É. 24.614
 Dumas, J.B.A. 23.143
 Dunal, M.F. *see* Bubani, P.
 Durand, E.M. *see* Buckley, S.B.
 Durand, T.A. 22.893, 23.821, 24.518, 24.529;
 see Cardot, J.
 Dusén, P.K.H. 22.839; *see* Candolle, C. de
 Duvigneaud, J. *see* Callay, E.-A.-A.
 Earle, F.S. 23.024, 23.042, 23.871; *see* Brit-
 ton, N.L.
 Eastwood, A. 22.518, 22.531
 Eck, H. *see* Buch, C.L. von
 Eggleston, W.W. 22.504
 Eichler, A.W. *see* Bünger, E., Büsgen, M.,
 Büttner, O.A.R.
 Ekblom, A. 22.936
 Ekblom, T. 24.815
 Ekman, E.L. 23.840
 Elbert 24.578
 Elmer, A.D.E. 23.775
 Emerson, J.T. *see* Britton, E.G.
 Engelmann, G. *see* Brendel, F., Bush, B.F.
 Engler, H.G.A. 22.555, 22.716, 23.169, 23.301,
 23.830; *see* Brand, A., Brandt, [A.] W.[H.],
 Brandt, M., Brick, C., Briquet, J.I., Bro-
 therus, V.F., Brückner, G., Buchenau, F.[G.P.],
 Buchwald, J., Burret, K.E.M.
 Evans, A.W. 23.024, 23.042, 23.471, 25.076;
 see Britton, N.L., Buch, H.R.V.
 Evrard, F. 23.525
 Ewald, J. *see* Buch, C.L. von
 Exell, A.W. *see* Carrisso, L.W.
 Eyriés, J.B.B. *see* Buch, C.L. von
 Faguet, A. 22.564
 Farlow, W.G. *see* Burt, E.A.
 Farneti, R. 22.886
 Fauconnet, Ch. *see* Burnat, É.
 Fendler *see* Buckley, S.B.
 Fernandes, D. 22.562
 Fiebrig, K.A.G. 24.577
 Finlow, R.S. 23.774
 Fischer, A.F. 23.250-23.252
 Fischer, Ed. 22.658, 23.574; *see* Bucholtz,
 F.[V.], Büren, G. von
 Fitch, J.N. 23.225, 23.750
 Fitch, W.H. 23.972; 24.905
 Fitschen, J. 23.566
 Flinders *see* Brown, R.
 Förster, J.B. *see* Breidler, J.
 Forbes, H.O. *see* Carruthers, W.
 Foxworthy, F.W. 23.794
 Franchet, A.R. 23.686, 23.690
 Frey, Ed. 22.668
 Friedrichs, A. 23.185
 Fritsch, K. *see* Buxbaum, F.
 Funai, M.L. *see* Canby, M.L.
 Furrer, E. 22.652
 Gasilien, F. 24.746
 Gatin, C.-L. 23.526
 Gay, J. *see* Cambessèdes, J.
 Gazelle 24.515
 Georges, B.P. 22.922
 Gepp, A. 22.972, 24.899
 Geremicca, M. 25.167
 Gibbons, N.E. *see* Buchanan, R.E.
 Gibbs, L.S. 24.591
 Gilbert-Carter, H. *see* Carter, H.G.
 Gilg, E. 23.958; *see* Brandt, [A.] W.[H.],
 Brandt, M., Bry, H.M.[E.], Busse, W.[K.O.]
 Gilly, C.L. 24.194
 Gleditsch, J.G. 23.730
 Goebel, K.C.T.F. *see* Burgeff, H.[E.N.]
 Göppert, J.H.R. *see* Brick, C.
 Goodspeed, T.H. 22.559
 Gouan, A. *see* Cambessèdes, J.
 Grabowski, H.E. 23.679
 Graebner, K.O.P.R.R. *see* Brückner, G.
 Gran, H.H. *see* Braarud, T.
 Grande, L. 25.170
 Gray, A. *see* Buckley, S.B., Bush, B.F., Ca-
 rey, J., Carrington, B.
 Gray, J.E. *see* Carruthers, W.
 Gremli, A. 23.813, 23.816, 23.819-23.820
 Gris, J.A.A. 23.134, 23.138-23.139
 Grisebach, A. *see* Brandis, D., Buchenau,
 F.[G.P.]
 Grönlund, C.C.H. 22.575
 Gronovius, J.F. *see* Browne, P.
 Grout, A.J. 22.985
 Grunow, A. *see* Brun, J.-J.
 Günther, E.K.F. *see* Buchtien, O.A.
 Guinet, J.E.A. 22.906

- Gussone, G. 23.819
 Guyot, A.L. *see* Buhr, H.
 Györfi, I. 23.186, 23.190
 Haberlandt 22.716
 Hackel, É. 23.814, 22.943
 Halácsy, E. von *see* Braun, H.
 Haller fil., A. von 22.943
 Hallier, E.H. *see* Brand, A.
 Hallier, H. 24.578; *see* Brotherus, V.F.
 Handel-Mazzetti, H. von 23.193, 23.200, 23.433
 Haniff, M. 23.784
 Hanning, E. *see* Braun-Blanquet, J.
 Hanstein, J.L.E.R. von *see* Büsgen, M.
 Hartig, H.J.A.R. *see* Bucholtz, F.[V.], Bul-
 ler, A.H.R.
 Hartung, G. *see* Bronn, H.G.
 Harvey, W.H. *see* Brown, N.E.
 Hassler, É. 24.545, 24.557, 24.577
 Hatz, C. 22.657
 Hauman, L. 25.052
 Hayman, J.M. 23.974
 Hayne, F.G. *see* Brandt, J.F.
 Hazen, T.E. 23.024, 23.042
 Hedwig, R.A. *see* Candolle, A.P. de
 Heer, O. *see* Buser, R.
 Hegi, G. *see* Braun-Blanquet, J.
 Heim, A. *see* Brockmann-Jerosch, H.
 Heinricher, E.J.L. *see* Cammerloher, H.
 Hemsley, W.B. *see* Castracane degli Antel-
 minelli, F.
 Henderson, M.R. 23.787
 Hennings, P.C. 22.835
 Henriques, J. *see* Carrisso, L.W. .
 Héribaud *see* Buysson, R. du
 Hérincq, F. *see* Carrière, É.
 Herzsohn [sic: for Herzsohn], P. 23.656
 Herter, W. 22.716
 Heyland, J.C. 24.453, 24.665
 Hiern, W.P. 24.899
 Hieronymus, G.H.E.W. 22.680; *see* Brau-
 se, G.G.W.
 Hildebrandt, J.M. 22.619, 22.628, 22.632
 Hirmer, M. *see* Breindl, M.
 Hochreutiner, B.P.G. 24.574, 24.670, 24.777,
 24.805
 Hollick, [C.] A. 22.993, 23.009, 23.024, 23.042
 Holm, T. 22.574
 Holtzendorff, F. von 22.615, 22.633
 Hooker, J.D. 24.472
 Hopp, W. 23.853
 Hoppe, D.H. *see* Braun, C.F.W.
 Horowitz, A. *see* Burkart, A.E.
 Hosaka, E.Y. 25.110
 Houstoun, W. 22.973
 Howe, M.A. 23.024, 23.042
 Hoyle, A.C. 23.905-23.906
 Huber, J. 24.540
 Hutchison, J. 23.902
 Huth, E. 22.509, 23.022; *see* Brand, A.
 Jaap, O. *see* Brick, C.
 Jaccard, H. 23.931
 Jackson, B.D. 24.899
 Jackson, J.R. *see* Castle, T.
 Jacques, H.A. *see* Carrière, É.
 Jaheri 24.592
 Janssen *see* Burman, N.L.
 Japing, C.H. 22.562
 Jenny, H. 22.668
 Jerosch, M. *see* Brockmann-Jerosch, H.
 Jewson, S.T. 22.867
 Jones, L.R. 22.504
 Jones, S.G. *see* Butler, E.J.
 Jónsson, H. *see* Branth, J.S.D.
 Jordan, D.S. *see* Campbell, D.H.
 Juratzka, J. *see* Breidler, J., Buse, L.H.
 Jussieu, Adr. de 24.035, 25.079; *see* Cam-
 bessèdes, J., Cavanilles, A.J.
 Jussieu, B. de *see* Caylus, A.C.P.
 Kabát, J.E. 23.406, 23.413; *see* Bubák, F.
 Kalela, A. *see* Cajander, A.
 Kalela, O. *see* Cajander, O.
 Karsten, G.H.H. 23.968, 22.732; *see* Brock-
 mann-Jerosch, H., Brunnthaler, J., Büs-
 gen, M.
 Karsten, M.C. 23.228
 Kearney, T.H. 23.021
 Ker, C.H.B. 25.106; *see* Cattley, W.
 Kerner, A. *see* Bruinsma, V.
 Killias, E. 23.297
 Killip, E.P. 23.061
 King, G. *see* Bruehl, P.J.
 Kirchner, E.O.O. *see* Bütschli, [J.A.] O.
 Kjellmann, F.R. 24.840
 Klein, L. *see* Busse, W.[K.O.]
 Klotzsch, J.F. 22.584, 22.589, 22.591; *see*
 Braun, A.[C.H.], Caspary, [J.X.] R.
 Knapp, J.A. 22.636; *see* Braun, H.
 Kniep, K.J.H. *see* Burgeff, H.[E.N.]
 Knight, E.G. *see* Britton, E.G.
 Knowlton, F.H. 23.024, 23.042
 Knox, S.G. 24.907
 Kny, L. 22.633; *see* Brade, A.C., Büsgen,
 M., Büttner, O.A.R., Campbell, D.H.
 Koch, C. 22.610, 22.619
 Koch, D.J. *see* Bruch, P.
 Koch, K.H.E. *see* Braun, A.[C.H.], Busch-
 baum, H.
 Koch, W.D.J. 22.664; *see* Brand, A.

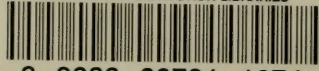
- Kohler, G. *see* Cavillier, F.
 Koorders-Schumacher, A. 24.573
 Korshinsky, S.J. *see* Buhse, F.[A.]
 Krieger, [K.] W. 22.832
 Krzymowski, H. v. Brockmann-Jerosch, H.
 Kunth, K.S. *see* Cambessèdes, J.
 Kuntze, O. 22.900; *see* Candolle, C. de
 Kurtz, F. 25.052
 Labarre, E.J. 23.228
 Lakela, O. 23.989
 Lamarck, J.B.A.M. de 24.614, 24.668; Can-
 dolle, A.L.P.P. de, Candolle, A.P. de
 Lambert, A.B. *see* Cavanilles, A.J.
 Lang, H. 22.742-22.744
 Lanjouw, J. *see* Bremekamp, C.E.B.
 Lapham, I.A. *see* Brendel, F.
 Layne, M.K. *see* Brandegeee, M.K.
 Le Breton, A. *see* Breton, A. le
 Lebl, M. 23.640
 Lecomte, H. 24.811; *see* Candolle, C. de
 Ledebour, C.F. von *see* Bunge, A.[G.] A.
 Ledermann, C.L. 22.681
 Leeuw, W.C. de 22.677
 Lehmann, A. 23.625
 Lehmann, F.C. 24.513
 Lehmann, J.G.C. *see* Braun, A.[C.H.], Bun-
 ge, A.[G.] A. von
 Leistner, O.A. *see* Bullock, A.A.
 Lelong, H.V. 25.060, 25.063
 Lenoble, F. *see* Breistroffer, M.[A.F.]
 Levier, E. 24.942
 L'Héritier, C.L. *see* Candolle, A.L.P.P. de,
 Candolle, A.P. de
 Liebmann, F.M. 23.489
 Lignier, O. *see* Bugnon, P.F.
 Lindau, G. 22.679; *see* Brause, G.G.W.
 Lindberg, H. 22.803-22.804
 Lindberg, S.O. 23.467; *see* Brotherus, V.F.
 Lindheimer *see* Buckley, S.B.
 Lindley, J. *see* Cattley, W.
 Linnaeus, C. 25.079; *see* Browne, P., Bur-
 man, N.L., Cain, S.A., Carruthers, W.
 Lopriore, G. 23.918
 Lorch, W. *see* Brause, G.G.W.
 Loudon, J.C. 24.447
 Lucas, G. 24.859
 Lütken, C.F. 22.574
 Mabile, J.P. 24.409
 McConnell, F.V. 23.225, 23.750
 Mackenzie, K.K. 23.940-23.942; *see* Bush,
 B.F.
 McLean, W. 24.054
 McLuckie, J. 23.203, 23.719
 Macmillan, C. *see* Butters, F.K.
 Magnus, P.W. 22.616, 22.631, 22.835
 Maire, R.C.J.E. 22.661-22.662
 Malaspina expedition *see* Cavanilles, A.J.
 Malbranche, A.F. 22.846
 Malinvaud, L.J.E. 24.497, 24.983
 Mangin, L. *see* Camus, F.[A.]
 Mann, C. 23.937
 Marans, A.-L.-G.-J. de *see* Brondeau, L. de
 Marchal, É.J.J. 24.794
 Margolin, A.S. 23.149
 Marion, A.-F. 24.493
Marionella *see* Cave, M.E.
 Marret, L. *see* Capitaine, L.
 Massart, J. 24.763
 Masee, G. 23.225
 Mattiolo, O. *see* Caldesi, L., Cappelletti, C.
 Mattoon, W.R. 23.529
Maxburretia *see* Burret, M.
 Mayor, E. 22.658
 Meebold, A.K. 24.570
 Meehan, T. 24.491
 Mela, A.J. *see* Cajander, A.K.
 Melchior *see* Burret, K.E.M.
 Merrill, E.D. 23.248, 23.254
 Mettenius, C. 25.038
 Meyer-Ahrens 23.296
 Meylan, C. 22.668
 Mez, C.C. *see* Brodtmann, [C.J.A.] F.
 Mhaskar, K.S. 24.059
 Micheli, M. 22.918, 24.522
 Miede, H. *see* Buder, J.
 Mildbraed, G.W.J. 23.832; *see* Brandt, M.,
 Brause, G.G.W., Burret, K.E.M.
 Milde, C.A.J. *see* Buse, L.H.
 Millsbaugh, C.F. 22.978, 22.998; *see* Brit-
 ton, E.G.
 Minati, C. 24.957
 Miquel, F.A.W. 23.926; *see* Buse, L.H., Can-
 dolle, A.L.P.P. de
 Mocquerys, A. 24.670
 Moller, A.F. 22.831
 Mollica, N. 25.159
 Moore, D. *see* Carroll, I.
 Moore, G.T. 23.024, 23.042
 Moore, S. le M. 23.755, 24.899
 Moreland, W.H. 23.974
 Morgan, R. 22.972
 Mori, A. 24.954, 24.965
 Morong, T. *see* Britton, N.L.
 Morris, E.L. 23.024, 23.031, 23.042
 Mosén, C.W. 23.162
 Mueller, F.J.H. von *see* Braun, A.[C.H.]
 Müller Arg., J. 23.022; *see* Briquet, J.I., Bu-
 ser, R., Calkins, W.W.

- Müller, J.K.A.F.W. 23.130
Murchison, R.I. *see* Carruthers, W.
Murray, G.M. 24.899; *see* Carruthers, W.
Murrill, W.A. 23.024, 23.031
Muscatello, G. 23.920
Nägeli, C.W. *see* Brunner, C.[E.]
Narayanaswami, V. 24.108
Naudin, C.V. *see* Carrière, É.
Naumann, F.C. 24.515
Naumov, N.A. *see* Buchet, S.
Nebrownia see Brown, N.E.
Neergaard, P. *see* Buchwald, N.F.
Nees, C.G.D. *see* Buch, C.L. von
Nees, T.F.L. *see* Caspary, [J.X.] R.
Nelson, M. 24.054
Neocabreria see Cabrera, A.L.
Newcombe, F.C. 24.917
Newhall, C.E. *see* Britton, N.L.
Niel, E. 22.848
Nordenskjöld, O. 24.841
Norrlin, J.P. 24.097
Nuttall, W. *see* Buckley, S.B.
Obermeyer, A.A. 22.742
Oliver, D. 24.899; *see* Britten, J., Brown, N.E.
Oliver, F.W. *see* Browne, I.M.P.
Olufsen 23.175
Ostini, G. *see* Buscalioni, L.
Otis, C.H. 23.827
Pallmann, H. 22.668
Palmer, E.J. 22.567, 23.530
Pamphlin, W. *see* Buckley, S.B.
Panshin, A.J. 23.220-23.221
Parks, H.E. 23.195
Parlatore, F. *see* Caruel, T.
Parodi, L.R. *see* Burkart, A.E.
Parrique, G. 24.746
Patouillard, N. 23.022
Pax, F. 24.568; *see* Brodtmann, [C.J.A.] F., Brunies, S.E.
Payer, J.B. *see* Bureau, L.É.
Pearson, W.W. 24.871-24.873
Peitersen, A.K. 22.506
Penard, E. 23.022
Penfound, W.T. 24.056
Penzig, A.J.O. 24.433-24.434
Pepin, P.D. *see* Capus, [J.] G.
Persson, [N.P.] H. 23.474
Petrie, A.H.K. 23.203
Pfeffer, W.F.P. *see* Brunchorst, J., Buder, J., Buller, A.H.R., Burgeff, H.[E.N.], Campbell, D.H.
Pierre 23.141
Pierrot, P. *see* Cardot, J.
Pilger, R.K.F. 23.958, 24.588; *see* Brand, A., Brause, G.G.W., Brückner, G., Burret, K.E.M.
Piré, L. *see* Cardot, J.
Pirota, R. *see* Brizi, U., Carano, E.
Pitard, C.-J. *see* Cavillier, F.
Pittier, H. 22.893, 24.518, 24.529
Planchon, J.E. *see* Braun, A.[C.H.]
Plumtree, E.M. *see* Carruthers, W.
Poiteau, P.-A. *see* Bureau, L.É.
Pokorny, A. 23.709; *see* Caruel, T.
Poppius, R.B. 24.085
Porsch, O. *see* Cammerloher, H.
Potonié, H. *see* Burret, K.E.M.
Pott-Leendertz, R. 23.897
Prain, D. 22.928, 23.766, 23.775-23.776
Prantl, K.A.E. 23.301; *see* Buchenau, F.[G.P.]
Prilleux, É. 25.017
Puerari, M.N. *see* Candolle, A.L.P.P. de
Pulle, A. 22.736, 22.753
Purpus, C.A. 22.540-22.541
Quelch, J.J. 23.225, 23.750
Rabenhorst, G.L. *see* Broome, C.E., Car-
rington, B.
Raddle, G. *see* Brotherus, V.F.
Radlkofer, L.A.T. 24.670
Rafinesque, C.S. *see* Call, R.E.
Ragonese, A.E. 23.733
Ramaswami, M.S. 24.108
Rapp, S. 22.996
Réchin, J. 24.410
Rechinger, K. *see* Braun, H.
Record, S.J. 24.109
Regel, E.A. von 23.628, 23.637
Regnell, A.F. 23.168
Rehm, H.S.L.F.F. 23.063
Reineck, E.M. 22.922
Renaud, F.[F.G.] 24.754; *see* Cardot, J.
Rendle, A.B. 22.972, 24.899; *see* Britten, J.
Reuter, G.F. *see* Burnat, É.
Rey, M. 24.165
Richard, L.C. *see* Cambessèdes, J.
Rickett, H.W. *see* Camp, W.H.
Ries, M.L. *see* Canby, M.L.
Robil, S. 22.718
Rock, J.F.C. 24.576
Rogasi, G. 25.154
Roger, C. 24.042
Rolfe, R.A. 23.225
Romell, L. *see* Bresàdola, G.
Rose, J.N. 23.025, 23.030, 23.032, 23.037,
23.039-23.040, 23.044, 23.046-23.047,
23.058, 23.060
Rosendahl, [C.] O. 23.986, 23.988-23.989;
see Butters, F.K.

- Rosenstock, E. 22.492
 Rostrup, O. 23.556
 Roth, G. 23.178
 Roth, J. *see* Buch, C.L. von
 Roumeguère, C. *see* Bresàdola, G., Briosi, G., Cavara, F.
 Roux, J. *see* Candolle, [A.] C.[P.] de
 Rouy, G. *see* Camus, E.G.
 Roxburgh, W. *see* Carey, W.
 Rübel, E.A. 23.083; *see* Braun-Blanquet, J.
 Rusby, H.H. 23.010, 23.024, 23.042
 Rutenberg, D.C. 23.498
 Ruud, J.T. 22.487
 Saccardo, P.A. 24.707, 24.817, 25.145; *see* Bresàdola, G.
 Sachs, J. *see* Brunchorst, J.
 Saelan, A.T. *see* Brotherus, V.F.
 Saint-Lager, J.B. *see* Cariot, A.
 Saint-Yves, A. *see* Cavillier, F.
 Salanon, R. *see* Burnat, É.
 Sánchez-Mejorada R., H. 22.686
 Saporta, G. 24.493
 Sarasin, F. *see* Candolle, C. de
 Sardeux, C. 24.569
 Sargent, C.S. *see* Buckley, S.B., Bush, B.F.
 Sarvas, R. *see* Cajander, A.K.
 Saunders, W.W. *see* Brown, N.E.
 Sauzé, J.C. 24.424
 Savi, G. 23.819
 Schaffner, J.H. *see* Camp, W.H.
 Schellenberg, G. *see* Brandt, [A.] W.[H.]
 Schenck, [J.] H.[R.] 23.968; *see* Brockmann-Jerosch, H., Brunnthaler, J., Büsgen, M.
 Scheremetjeff, K.P. 23.540
 Schiffner, V. 23.194
 Schimper, K.F. 22.583; *see* Braun, A.[C.H.]
 Schimper, W.P. *see* Bruch, P.
 Schinz, H. 22.663, 22.960, 23.093, 24.527-24.528, 24.670; *see* Brown, N.E., Buchenau, F.[G.P.]
 Schlechtendal, D.F.L. von *see* Candolle, A.P. de
 Schlechter, R. 22.678, 23.853
 Schmeil, O. 23.566
 Schmidt, Fr. *see* Bruttan, A.
 Schmidt, Johs. *see* Brotherus, V.F.
 Schouw, J.E. *see* Brandis, D.
 Schröter, C. *see* Braun-Blanquet, J., Brenner, M.[M.W.], Brockmann-Jerosch, H., Buser, R.
 Schumann, K.M. 23.959
 Schürhoff, P.N. 22.646
 Schussnig, B. 23.994
 Schütt, B. *see* Buchenau, F.[G.P.]
 Schuyler Mathews, F. 22.507
 Schwacke, C.A.W. 24.539
 Schwartz, Ed. *see* Bretzl, H.
 Schweinfurth, G. 25.028; *see* Busse, W.[K.O.]
 Schweinitz, L.D. von *see* Burkhardt, C.F.
 Schwendener, S. 22.966, 23.830; *see* Briquet, J.I., Bünger, E., Büsgen, M., Burret, K.E.M.
 Schychowsky, I. 24.648
 Scott, D.H. *see* Brebner, G.
 Scrivenor, J.B. 23.794
 Sedgwick, L.J. 24.107
 Seeger, M. 23.220
 Seemann, B.C. *see* Carruthers, W.
 Seiler, J. 22.649
 Sendtner, O. *see* Brügger, C.G.
 Sernander, J.R. 24.840
 Setchell, W.A. 23.195
 Seubert, M. *see* Buchenau, F.[G.P.]
 Seward, A.C. *see* Brooks, F.T.
 Sharp, A.J. 24.058
 Shear, C.L. 23.024, 23.042
 Sintenis, P.E.E. 22.835
 Skottsberg, C.J.F. 23.196
 Smith, J.E. *see* Brown, N.E.
 Smith, J.J. *see* Burck, W.
 Smith, W.W. 25.171
 Sodiro, P.L. 24.533
 Solereder, H. *see* Bürkle, R.
 Solms-Laubach, H. 23.262, 24.695; *see* Bretzl, H.
 Sorauer, P.C.M. *see* Brade, A.C.
 Staffeu, F.A. *see* Bremekamp, C.E.B.
 Stahl, E. *see* Burgeff, H.[E.N.], Büsgen, M.
 Standley, P.C. 24.109; *see* Calderon, S.
 Steere, W.C. 22.985
 Stefanescu, S. *see* Brândză, D.
 Stephani, F. 23.225; *see* Brunnthaler, J.
 Stephenson, J. *see* Burnett, G.T.
 Sternberg, C.M. von *see* Braun, C.F.W.
 Steven, C. von *see* Candolle, A.P. de, Cavanilles, A.J.
 Stewart, J.L. *see* Brandis, D.
 Stilwell, M.E. *see* Cave, M.E.
 Strasburger, E.A. *see* Bruchmann, H., Campbell, D.H.
 Strudwick, F.E. 23.972
 Suringar, W.F.R. *see* Calkoen, H.J.
 Sydow, H. 23.434
 Targioni-Tozzetti, A. *see* Caruel, T.
 Taylor, A. 22.986
 Taylor, M.M. 23.205
 Terraciano, A. *see* Brizi, U.
 Thaxter, R. *see* Burt, E.A.
 Thériot, [M.H.] I. 24.768, 24.786; *see* Cardot, J.
 Thiselton-Dyer, W.T. *see* Carruthers, W.

- Thouin, A. *see* Cavanilles, A.J.
 Thuillier, J.L. 23.819
 Thury, M. *see* Briquet, J.I.
 Tieghem, P.E.L. van *see* Camus, A.
 Tischer, A. 23.228
 Topitz, A. 22.638
 Torrey, J. *see* Buckley, S.B., Carey, J., Car-
 son, J.
 Trail, J.H.W. *see* Calder, C.C.
 Traverso, G.B. 24.196
 Trelease, W. 23.024, 23.031
 Trendelenburg, R. 23.220
 Triana, J. *see* Braun, A.[C.H.]
 Trinchieri, G. 23.916
 Trotter, A. 25.165
 Tubeuf, C. von *see* Bucholtz, F.[V.]
 Tuomikoski, R.K. 23.469
 Tüxen, R. 22.670
 Uildriks, F.J. von *see* Bruinsma, V.
 Ule, E.H.G. 23.176, 23.518
 Ullepitsch, J. *see* Braun, H., Bubela, J.
 Underwood, L. M. 23.024
 Urban, I. 22.618, 23.171, 24.543, 24.556,
 24.571; *see* Brause, G.G.W., Buchenau,
 F.[G.P.]
 Vail, A.M. 23.022; *see* Britton, N.L.
 Vaillaume, A. *see* Cardot, J.
 Valence, L. de *see* Burnat, É.
 Van den Broeck, H. v. Broeck, H. van den
 Vatke, W. 22.618
 Vaucher, J.P.É *see* Candolle, A.P. de
 Verdoorn, F. 23.471; *see* Buch, H.R.V.
 Vernay expedition 22.742-22.744; *see* Brass,
 L.J.
 Vestergren, T. *see* Bubák, F.
 Virchow, R. 22.615, 22.633
 Viviani, D. *see* Casaretto, G.
 Vöchting, H. *see* Bucherer, E.
 Voeltzkow, A. 23.180
 Vries, H. de *see* Broekens, D.J.
 Wagner, F.S. *see* Cave, M.E.
 Wailly, M. de 24.384
 Wakefield, A.M. 23.560-23.562
 Walker, A. *see* Brotherus, V.F.
 Walker, T.L. 23.165
 Wallich, N. *see* Candolle, A.L.P.P. de
 Walner, J. 24.651
 Walpers, G. 22.682
 Walter, H. 22.732
 Warming, E. *see* Buchenau, F.[G.P.], Can-
 dolle, [A.] C.[P.] de
 Wasicki *see* Brunswik von Korompa, H.
 Watson, H.C. *see* Briggs, T.R.A.
 Watson, J.G. 23.794
 Watts, W.W. 23.187-23.188
 Weatherby, C.A. *see* Camp, W.H.
 Weberbauer, A. 23.192
 Weismann, A. 23.657
 Welden, A.L. 23.882
 Weldon, W.F.R. *see* Carruthers, W.
 Welwitsch, F.M.J. 24.471; *see* Candolle,
 A.L.P.P. de, Carruthers, W.
 Wendel, A.J. 23.660
 Went, F.A.F.C. *see* Bremekamp, C.E.B.
 Westerdijk, J. *see* Buisman, C.J.
 Wettstein, R. von 24.174; *see* Buxbaum, F.,
 Cammerloher, H.
 White, [C.] D. 23.024, 23.042
 Whitelegge, T. 24.872
 Whyte, A. 22.972
 Wight, W.F. 23.024, 23.042
 Wilcox, T.E. 23.021
 Wilczek, E. 22.925
 Wilkes, C. *see* Brackenridge, W.D.
 Williams, F. 24.247
 Williams, R.S. 22.992; *see* Britton, E.G.
 Willkomm, M. *see* Braun, H.
 Wimmer, A. 22.636
 Winkler, H.[J.P.] *see* Braun-Blanquet, J.
 Winkler, H.K.A. 23.199
 Wittmack, L. *see* Brade, A.C., Buchwald, J.
 Woeikof, A.I. 24.677
 Wohlfarth, R. *see* Brand, A.
 Wojtusiak, R.J. 23.875
 Wright, C.H. 23.225
 Wuist, E.D. *see* Brown, E.D.
 Yates, H.S. 23.248
 Zahlbruckner, A. *see* Breidler, J., Brunnthaler,
 J.
 Zopf, W. 23.316
 Zwendelaar, H. 24.877

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