

## I. Allgemeines.

- Daguillon, A. 1912.** Cours élémentaire de botanique pour la préparation au certificat d'études physiques, chimiques et naturelles. 19. éd. par L. Matruchot. (Paris 1912. 8°. 804 pp. 644 fig.)
- Fischer, E. 1912.** Taschenbuch für Pflanzensammler. 14. Aufl. (Leipzig 1912. 12°. mit 3 farb. Taf. u. Fig.)
- Handwörterbuch (1912)** der Naturwissenschaften. 7. u. 8. Lfgr. (Jena, G. Fischer. 1912. 8°.)
- Lie, H. 1911.** Laerebok i Skogbotanik. (Christiania 1911. 8°. 72 pp.)
- Pugliese, A. 1911.** I fieni naturali del Mezzogiorno d'Italia. Studio botanico, chimico ed agrario. (Staz. sper. Agr. ital. XLIV. p. 317—413, 517—563, 573—578.)
- Skinner, C. M. 1911.** Myths and Legends of Flowers, Trees, Fruits and Plants in all Ages and in all Climes. (London 1911. 8°. 302 pp.)

## II. Anatomie.

## Cf. XVIII. Kunz.

- Beijerinck, M. W., 1912.** De bouw der zetmeelkorrel. (Verlag kon. Ak. Wet. Amsterdam. 30 Maart 1912. p. 1252—1256. 1 fig.)
- Carano, E. 1911.** Su l'origine e sulla differenziazione dei tessuti nelle foglie. (Ann. di Bot. IX. p. 365—381. ill.)
- Chauveaud, G. 1912.** Sur l'évolution des faisceaux vasculaires dans les différentes parties de la plantule des phanérogames. (Bull. Soc. bot. France. LVIII. p. 705—712.)
- Martel, E. 1911.** Nuova contribuzione all'anatomia delle Solanee. (Mem. Acc. Sc. Torino. 2. LXII. p. 449—461. 1 tav.)
- Morini, F. 1911.** Osservazioni anatomiche intorno ad alcune specie del gen. *Loranthus* L. (Mem. Acc. Sc. Ist. Bologna, 6. VII. p. 151—157.)

## III. Biologie.

- Chiovenda, E. 1911.** Di due forme probabilmente mirmecofile dell'Abissinia settentrionale. (Ann. di Bot. IX. p. 327—329.)
- Graenicher, S. 1910.** On humming-bird flowers. (Bull. Wisconsin nat. Hist. Soc. VIII. p. 183—186.)
- Haberlandt, G. 1912.** Ueber das Sinnesorgan des Labellums der *Pterostylis*-Blüte. (Sitzber. preuss. Ak. Wiss. 1912. p. 244—255. 2 Fig.)
- Hauman-Merck, L. 1912.** Observations d'éthologie florale sur quelques espèces argentines et chiliennes. (Rec. Inst. bot. L. Errera. IX. p. 1—20. ill.)
- Hauman-Merck, L. 1912.** Observations éthologiques et systématiques sur deux espèces argentines du genre *Elodea*. (Rec. Inst. bot. L. Errera. IX. p. 33—39.)
- Hauman-Merck, L. 1912.** Observations sur la pollination d'une Malpighiacée du genre *Stigmaphyllon*. (Rec. Inst. bot. L. Errera. IX. p. 21—27. 1 fig.)
- Mattei, G. E. 1910.** Esaltazione della funzione mirmecofila nella regione Etiopica. (Boll. Orto bot. e Giard. col. Palermo IX. App. p. 41—50.)
- Rosa, F. de 1911.** Di alcuni fichi salentini. (Atti Istit. Incoragg. Napoli. 6. LXII. p. 375—412.)
- Scotti, L. 1911.** Contribuzioni alla biologia florale delle „Contortae“. (Ann. di Bot. IX. p. 199—314.)

## IV. Morphologie, Teratologie, Befruchtung, Cytologie.

- Carano, E. 1911.** Su la struttura di stami anomali nel *Papaver Rhoeas* L. (Ann. di Bot. IX. p. 389—392. 1 tav.)

- Faure, G. 1911.** Contributo all'embriogenesi delle Araliaceae. (Ann. di Bot. IX. p. 323—325. 1 tav.)
- Gabelli, L. 1911.** Discussione di una serie di osservazioni di sdoppiamento fogliare in un individuo di Chimonanto. (Mem. Pontif. Acc. Nuovi Lincei, XXIX. 34 pp. ill.)
- Gregory, R. P. 1912.** The chromosomes of a grant form of *Primula sinensis*. [P. N.]. (Proc. Cambridge philos. Soc. XVI. p. 560.)
- Pensa, A. 1911.** Alcune formazioni endocellulari dei vegetali. Considerazioni sulla derivazione dei cloroplasti e sui mitocondri delle cellule vegetali. (Rend. Ist. Lomb., 2. XLIV. p. 706—712.)
- Trinchieri, G. 1910.** Fasciation et Pseudo-fasciation. Traduit de l'italien par G. Rinaudet. (Bull. Soc. Nat. luxembourg. N. S. IV. p. 73—85. ill.)

#### V. Varietäten, Descendenz, Hybriden.

- Daniel, L. 1912.** Sur la transformation d'un Chrysanthème à la suite du bouturage répété. (C. R. Ac. Sc. Paris. CLIV. p. 997—998.)
- Fruwirth, C. 1912.** Spontane vegetative Bastardspaltung. (Arch. Rassen- u. Ges.-Biol. IX. p. 1—7.)
- Kajanus, B. 1912.** Mendelistische Studien an Rüben. (Fühlings landw. Ztg. LXI. p. 142—149.)
- Knipe, H. R. 1912.** Evolution (of Life) in the Past. (London 1912. 8°. XV, 242 pp. 51 pl. 4 fig.)
- Pirovano, A. 1911.** Ancora sull' ibridismo dei Cotogni. (Bull. Soc. tosc. Ort. XXXVI. p. 290—293.)
- Pirovano, A. 1911.** A proposito di ibridismi asessuali. (Bull. Soc. tosc. Ort. XXXVI. p. 240—243.)
- Pirovano, A. 1911.** Trasmissione di anomalie negli incroci. (Bull. Soc. tosc. Ort. XXXVI. p. 193—194.)
- Soldani, G. 1911.** Ancora sugli ibridi per innesto. (Bull. Soc. tosc. Ort. XXXVI. p. 267—269.)
- Soldani, G. 1911.** Contributo allo studio della ibridazione a mezzo dell' innesto. (Bull. Soc. tosc. Ort. XXXVI. p. 190—192.)
- Soldani, G. 1911.** Fine della polemica sugli ibridi da innesto. (Bull. Soc. tosc. Ort. XXXVI. p. 325—328.)

#### VI. Physiologie.

Cf. V. Daniel.

- Acqua, C. 1911.** Sul valore dell'apice radicale quale centro per la geopercezione. (Ann. di Bot. IX. p. 393—444. fig. 2 tav.)
- André, G. 1912.** Déplacement par l'eau des substances nutritives contenues dans les graines. (C. R. Ac. Sc. Paris. CLIV. p. 1103—1105.)
- Averna-Saccà, R. 1911.** L'angolo geotropico delle radici rispetto allo sviluppo del perimetro fogliare ed alla produttività delle Viti. (Ann. Staz. chim.-agr. sper., Roma. 2. IV, p. 199—251. ill.)
- Balls, W. L. 1912.** The stomatograph. (Proc. r. Soc. London. B. LXXXV. p. 33—44. ill.)
- Bauer, H. 1912.** Zur Periodizität der Stoffbildung und Nährstoffaufnahme in jungen Laubhölzern. (Natw. Zschr. Forst- u. Landw. X. p. 188.)
- Congdon, E. D. 1912.** A comparison of the alterations in velocity of growth of certain seedlings through the action of rapid and slow electrons of the beta rays of radium. (Arch. Entw.-Mech. Organismen. XXXIV. p. 267—280.)
- Corso, G. 1911.** Contributo allo studio della vegetazione nei terreni

- ferriferi, con speciale riguardo alla Vite ed alla clorosi di essa. (Ann. Staz. chim.-agr. sper., Roma. 2. IV, p. 129—142.)
- Fabre, G. 1910.** Alterations organiques et fonctionnelles des organismes végétaux sous l'influence du radium. (C. R. Soc. Biol. Paris. LXIX. p. 523.)
- Fantechi, P. 1911.** Ancora sull' azione del solfuro di carbonio sulla germinabilità del frumento. (Staz. sper. Agr. ital. XLIV. p. 515—516.)
- Hauman-Merck, L. 1912.** Sur un cas de géotropisme hydrocarpique chez *Pontederia rotundifolia* L. (Rec. Inst. bot. L. Errera. IX. p. 28—32. 1 fig.)
- Kübler, W. 1912.** Die Periodizität der Nährsalzaufnahme und Trockensubstanzbildung von zweijährigen Buchen. (Natw. Zschr. Forst- u. Landw. X. p. 161.)
- Liro, J. J. 1911.** Beiträge zur Kenntnis der Chlorophyllbildung bei den Gymnospermen und Pteridophyten. (Ann. Ac. Helsingfors. 1911. 8<sup>o</sup>. 29 pp.)
- Marcacci, A. 1911.** Il potere di reazione delle piante in presenza di metalli. (Rendic. Istit. Lomb. 2. XLIV. p. 689—705.)
- Quajat, E. 1911.** Note di gelsicoltura. Ricerche sperimentali. (Padova, 1911.)
- Ravenna, C. 1911.** Sull' origine e sulla funzione fisiologica dei pentosani nelle piante. (Gazz. chim. ital. XLI. p. 115—129.)
- Ravenna, C. e M. Zamorani. 1911.** Sul significato delle mucillagini nella germinazione dei semi. (Gazz. chim. ital. XLI. p. 138—143.)
- Ravenna, C. e M. Zamorani. 1911.** Sulla formazione dell'acido cianidrico nella germinazione dei semi. (Gazz. chim. ital. XLI. p. 74—81.)
- Raybaud, L. 1910.** De l'influence des radiations ultra-violettes sur le protoplasme. (C. R. Soc. Biol. Paris. LXVIII. p. 381.)
- Scurti, F. 1911.** Influenza della natura dei vitigni sulla variabilità di alcuni componenti estrattivi dei vini. (Ann. Staz. chim.-agr. sper. Roma. 2. IV, p. 278—301.)
- Scurti, F. e G. Tommasi. 1911.** Influenza degli elementi fertilizzanti sulle variazioni dei principii attivi dei semi. (Ann. Staz. chim.-agr. sper., Roma. 2. IV. p. 303—311.)
- Scurti, F. e G. Tommasi. 1911.** Sulla formazione del grasso nei frutti oleaginosi. Ricerche sperimentali eseguite sull'Olivio. (Ann. Staz. chim.-agr. sper., Roma. 2. IV, p. 253—286.)

## VII. Palaeontologie.

- Arber, E. A. N. 1912.** Fossil flora of Ingleton Coalfield. (Geol. Mag. 1912. p. 80—82.)
- Arber, E. A. N. 1912.** Fossil plants from the Kent Coalfield. (Geol. Mag. 1912. p. 97—99. 1 pl.)
- Arber, E. A. N., 1912.** The flora of the Raritan formation. (Geol. Mag. 1912. p. 136—137.)
- Averna Saccà, R. 1911.** Raffronto tra le viti fossili e le attuali. (Ann. Staz. chim.-agr. sper., Roma. 2. IV, p. 147—198. ill.)
- Coulter, J. M. 1912.** The relations of paleobotany to botany. (Amer. Nat. XLVI. p. 215—225.)
- Hollick, A. 1912.** The relations of paleobotany to botany. (Amer. Nat. XLVI. p. 239—243.)
- Jeffrey, E. C. 1912.** The relations of paleobotany to botany. (Amer. Nat. XLVI. p. 225—238.)
- Knowlton, F. H. 1912.** The relations of paleobotany to geology. (Amer. Nat. XLVI. p. 207—215.)

## VIII. Microscopie.

## IX. Cryptogamen im Allgemeinen.

(Vacant.)

## X. Algae.

- Entz Jr., G. 1910.** Ueber ein Süßwasser-Gymnodinium. (Állattani Közl. IX. p. 157—163. 1 Taf. u. Fig. Mag. u. deutsch.)
- Famineyn. 1911.** Sur les Bryopsis de la côte de Monaco. (Bull. Inst. Océanogr. 1911. 3 pp.)
- Jacobsen, H. C. 1912.** Die Kulturbedingungen von Haematococcus fluvialis. (Fol. microbiol. Delft. I. 35 pp. 1 pl.)

## XI. Eumycetes.

- Arthur, J. C. 1909.** North American rose rusts. (Torreya. IX. p. 21—28.)
- Banker, H. J. 1909.** A new fungus of the Swamp Cedar. (Bull. Torrey bot. Club. XXXVI. p. 341—343.) [Notes concerning and a description of the new species *Steccherinum Ballouii*. The gross morphology of the new fungus is shown in a full page halftone. — R. J. Pool.]
- Bertrand, J. et M. Javillier. 1912.** Action du manganèse sur le développement de l'*Aspergillus niger*. (Ann. Inst. Pasteur. XXVI. p. 241—249.)
- Bethel, E. 1911.** Notes on some species of Gymnosporangium in Colorado. (Mycologia. III. p. 156—160.)
- Böseken, J. en H. Waterman. 1912.** Werking van in water gemakkelijk, in olie niet oplosbare stoffen op den groei van den *Penicillium glaucum*. I. (Versl. kon. Ak. Wet. Amsterdam. 30 Maart 1912. p. 1246—1251.)
- Buchanan, R. E. 1911.** A new species of *Thyrococcum*. (Mycologia. III. p. 1—3.) [Notes are here given of the relation of *Epicoccum* and *Thyrococcum*, and the description of *T. humicola* sp. nov. — R. J. Pool.]
- Buchanan, R. E. 1911.** Morphology of the genus *Cephalosporium*. (Mycologia. III. p. 170—174.) [The general characterization of the genus is followed by the description of *C. Pammelii* sp. nov., with the variety *purpurascens*. The fungus is pictured in two microphotographs and a plate of seven figures showing spores and sporophores. — R. J. Pool.]
- Cejka, B. 1912.** Ueber eine in den Haaren des Menschen parasitisch lebende Hefeart. (Sitzber. Ges. Wiss. Prag. 1912. 16 pp. 1 T.)
- Clark, E. D. and J. L. Kantor. 1911.** Toxicological experiments with some of the higher Fungi. (Mycologia. III. p. 175—188.) [A report of experiments with extracts from such Agarica as *Amanita muscaria*, *Inocybe infida*, and *Clitocybe multiceps*. Material was extracted from *Inocybe* with exerts toxic affects upon frogs which were quite different from the affects produced by the use of the extract from *Amanita*. — R. J. Pool.]
- Coker, W. C. and L. Wilson. 1911.** *Schizosaccharomyces octoporus*. (Mycologia III. p. 283—287.) [A description and 28 figures of this odd form.]
- Dearness, J. 1911.** The personal factor in the Mushroom Poisoning. (Mycologia. III. p. 75—78.) [The writer comments upon the various and varied idiosyncrasies of the mushroom eater and upon the

- possibility of the development of a number of toxic substances in forms that are usually regarded as „quite edible”. — R. J. Pool.]
- Fraser, W. P. 1911.** Cultures of some heteroecious Rusts. (*Mycologia*. III. p. 67—74.) [A study of some of the heteroecious rusts of Nova Scotia including inoculations and successful infections among the *Peridermiums* and others. — R. J. Pool.]
- Groh, H. 1911.** A new host for *Claviceps*. (*Mycologia*. III. p. 37—39.) [The writer here reports the discovery of what he thinks are the sclerotia of *Claviceps* on *Carex stellulata angustata*. The paper is accompanied by one figure. — R. J. Pool.]
- Gruenberg, B. C. 1909.** Some aspects of the mycorrhiza problem. (*Bull. Torrey bot. Club*. XXXVI. p. 165—169.) [Some of the problems open for solution in this field are here briefly indicated. — R. J. Pool.]
- Hagem, O. 1910.** Einige Beobachtungen über die Verbreitung der Actinomyceten in der Natur. (*Vid.-Selsk. Christiania*. 1910. 9 pp.)
- Harter, L. L. 1911.** A new species of *Alternaria*. (*Mycologia*. III. p. 154—155.) [*Alternaria forsythiae* is here described from the living leaves of *Forsythia suspensa* Thunb. The material was found on the government grounds, District of Columbia. — R. J. Pool.]
- Heald, F. D. and F. A. Wolf. 1911.** New species of Texas Fungi. (*Mycologia*. III. p. 5—22.)
- Kern, F. D. 1911.** The Rusts of Guatemala. II. (*Mycologia*. III. p. 288—290.) [Mentions a number of species of this group of fungi collected in Guatemala, and describes the new species *Uromyces Gouaniae* found on *Gouania domingensis*. — R. J. Pool.]
- Krieger, L. C. C. 1911.** Note on the reported poisonous properties of *Coprinus comatus*. (*Mycologia*. III. p. 200—202.)
- Mattirolo, O. 1911.** I funghi ipogei della Liguria. (*Genova, Tip. Ciminago*. 1911. 8<sup>o</sup>. 10 pp.)
- Murrill, W. A. 1911.** Illustrations of Fungi. VIII. (*Mycologia*. III. p. 97—105.)
- Murrill, W. A. 1911.** Illustrations of Fungi IX. (*Mycologia*. III. p. 165—169.) [Seven species of *Agarica* are here represented in a colored plate and specific descriptions given as in the preceding series. *Hebeloma precox* is a new species noted. — R. J. Pool.]
- Murrill, W. A. 1911.** The Agaricaceae of tropical North America. I—IV. (*Mycologia*. III. p. 23—36, 79—91, 189—199, 271—282.)
- Paoli, G. 1911.** Nuovi Laboulbeniomiceti parassiti di Acari. (*Redia*. VII. p. 283—295. 1 tav.)
- Peck, C. H. 1909.** New species of Fungi. (*Bull. Torrey bot. Club*. XXXVI. p. 153—157, 329—339.)
- Peglion, V. 1911.** Le tartufaie del Ferrarese. (*Ann. Soc. agr. Prov. Bologna*. 1911. 23 pp.)
- Ravenna, C. e G. Pighini. 1911.** Sul metabolismo delle muffe. Ricerche sull'*Aspergillus fumigatus*. (*Gazz. chim. ital*. XLI. p. 109—114.)
- Seaver, F. G. 1909.** Notes on North American Hypocreales. II. *Nectria peziza*. (*Bull. Torrey bot. Club*. XXXVI. p. 201—204.) [A brief paper accompanied by one plate with five figures. — R. J. Pool.]
- Seaver, F. J. 1911.** Studies in Colorado Fungi. I. *Discomycetes*. (*Mycologia*. III. p. 57—66.)
- Seaver, F. J. 1911.** The Hypocreales of North America. IV. (*Mycologia*. III. p. 207—230.)

- Seaver, F. J. and E. D. Clark. 1910.** Studies in pyrophilous Fungi. II. (Mycologia. II. p. 109—123.)
- Shear, C. L. 1909.** The present treatment of monotypic Fungi. Bull. Torrey bot. Club. XXXVI. p. 147—151.) [A few arguments are here given why some plan of permanently fixing generic names to some particular species should be adopted. It is thought that some degree of stability or uniformity can be obtained in the use of names by this or some similar means. — R. J. Pool.]
- Sheldon, J. L. 1909.** Notes on Uromyces. (Torreya. IX. p. 54—56.) [A report of further work on a Uromyces found on Sisyrinchium graminoides, and a hint as to the possible relationship between Uromyces andropogonis and Puccinia violae. — R. J. Pool.]
- Stone, R. E. 1909.** A new species of Puccinia. (Bull. Torrey bot. Club. XXXVI. p. 549—552.) [A description of Puccinia angustatoides sp. nov. found in the uredinal and telial stages on Rhynchospora corniculata from Alabama. The species is illustrated by four figures in the text. — R. J. Pool.]
- Stone, R. E. 1909.** Species of Gymnosporangium in southern Alabama. (Torrey. IX. p. 114—117.) [Some species of this rust genus are here reported from a region from which they had not yet been obtained and a list of the species now known for the state of Alabama is included. — R. J. Pool.]
- Sumstine, R. D. 1909.** Some Moulds from Pennsylvania. (Torreya. IX. p. 143—145.) [An enumeration of fourteen species of black moulds from the state of Pennsylvania. — R. J. Pool.]
- Sumstine, D. R. 1911.** Studies in North American Hyphomycetes. I. (Mycologia. III. p. 45—56.)

### XII. Myxomycetes.

- Forti, A. 1911.** Diagnoses Myxophycearum novarum. (Atti Acc. Agric. Verona. 4. XII. 5 pp. 1 t.)
- Macbride, T. H. 1911.** A new species of Myxomycetes? (Mycologia. III. p. 39—41.) [The author proposes the following new genus and species for a slime mould found on a decaying pine log in the Yosemite valley: *Schenella simplex*. A plate with seven figures illustrates the habit and the structure of the organism. — R. J. Pool.]

### XIII. Pflanzenkrankheiten.

Cf. XIV. Dale; XX. Bulletin.

- Averna-Saccà, R. 1911.** Contributo allo studio del „roncet". (Atti Ist. Incoragg. Napoli. 6. LXII. p. 113—144.)
- Averna-Saccà, R. 1911.** L'acidità dei succhi nelle Viti americane in rapporto alla resistenza di esse alla fillossera, secondo Comes. (Atti Ist. Incoragg. Napoli. 6. LXII. p. 151—196.)
- Bateson, E. 1911.** Loranthus as a parasite on Hevea brasiliensis. (Agr. Bull. Straits and F. M. S. X. p. 360—361.)
- Bessey, E. A. 1911.** Root-knot (caused by *Heterodera radicola*) and its Control. (Bull. Dep. Agr. Washington. 1911. 89 pp. 3 pl. 3 fig.)
- Briosi, G. 1911.** Rassegna crittogamica per l'anno 1910, con notizie sulle malattie dei lupini, della lupinella, della sulla e dei pioppi, causate da parassiti vegetali. (Boll. Min. Agr. Ind. e Comm. X. 12 pp.)
- Buscalioni, L. e G. Muscatello. 1911.** Contribuzione allo studio delle lesioni fogliari. [fine]. (Malpighia. XXIV. p. 97—152.)
- Davis, A. R. 1912.** The Hendersonia disease of Eucalyptus glo-

- bulus. (Pomona Coll. Journ. econ. Bot. II. p. 249—251. 2 fig.)
- Fawcett, H. S. and O. F. Burger. 1911.** A Gum-inducing *Diplodia* of Peach and Orange. (Mycologia. III. p. 151—153.) [A preliminary paper announcing the appearance of a *Diplodia* on the peach and orange in Florida that produces a fruit-rot and induces gum flow. — R. J. Pool.]
- Fuschini, C. 1911.** Contro i danni delle Agrotidi nell'Umbria. (Perugia, tip. perugina, 1911.)
- Fuschini, C. 1911.** Di due coleotteri dannosi l'uno alla medica, l'altro al trifoglio. (Conegliano, Stab. arti grafiche. 1911.)
- Gabotto, L. 1911.** Rassegna del gabinetto di Patologia vegetale di Casalmonferrato, per l'anno 1909—1910. (Casalmonferrato, 1911. 8<sup>o</sup>. 35 pp. ill.)
- Giampietro, A. W. 1911.** Un marciume delle cipolle dovuto ad un bacterio: *Bacillus coli*. [N. P.]. (Riv. Patol. veg. V. p. 49—52.)
- Green, E. E. 1911.** The rubber slug. (Circ. and agr. Journ. r. bot. Gard. Ceylon. V. p. 337—343.)
- Guercio, G. del 1911.** Intorno ad alcune cause nemiche del Fleotripide dell'Olivo. (Redia. VII. p. 65—70. ill.)
- Guercio, G. del 1911.** Mezzi chimici e mezzi meccanici per ostacolare la diffusione del Fleotripide dell'Olivo. (Redia. VII. p. 204—214.)
- Guercio, G. del 1911.** Prima contribuzione alla conoscenza degli eriofiidi delle gemme del Nocciolo e delle foglie del Pero, e le esperienze tentate per combatterli. (Redia. VII. p. 1—64. ill.)
- Honing, J. A. 1911.** De oorzaak der slijmziekte en proeven ter bestrijding. III. (Med. Deli Proefstat. Medan. V. p. 343—364.)
- Kusano, S. 1911.** On the Chloranthy of *Prunus Mume*, caused by *Caecoma Makinoi*. (Journ. Coll. Agr. Tokyo. 1911. 4<sup>o</sup>. 40 pp. 2 pl. (1 col.). 3 fig.)
- Magnus, P. 1910.** Zum Auftreten des Eichenmehltau's. (Bull. Soc. luxembourg. N. S. IV. p. 108—111.)
- Massalongo, C. 1911.** Zoocecidii e fitocecidii rari o nuovi. (Marcellia. X. p. 94—99. ill.)
- Pantanelli, E. 1911.** Danni di Thrips sulle Viti americane. (Staz. Sper. agr. ital. XLIV. p. 469—514. 1 t.)
- Pantanelli, E. 1911.** L'acariosi della Vite. (Marcellia. X. p. 133—150. ill.)
- Paris, G. e A. Trotter. 1911.** Sui composti azotati nelle galle di *Neuroterus baccarum*. (Marcellia. X. p. 150—159.)
- Pavarino, G. L. 1911.** Un cancro della Glicine: *Bacterium Montemartini* n. sp. (Riv. Patol. veg. V. p. 65—68. 1 t.)
- Piacentini, T. 1911.** La lotta contro il *Cycloconium oleaginum*. (Poggio Mirteto, Soc. tip. Sabina. 1911)
- Ridley, H. N. 1911.** A new pepper disease [*Colletotrichum necator* Masee]. (Agr. Bull. Straits and F. M. S. X. p. 320—321.)
- Rossi, G., G. Naso e B. Maimone. 1911.** Sulla etiologia della gommosi degli alberi da frutta. (Ann. Scuola sup. Agr. Portici. X. 98 pp. 1 t.)
- Tropea, C. 1911.** Appunti di Patologia vegetale. (Boll. Orto bot. e Giard. col. Palermo. IX. p. 194—197.)

#### XIV. Bacteriologie.

- Aumann. 1912.** Ueber den Wert der direkten Zählung der Wasserbakterien mittels des Ultramikroskops. (Cbl. Bakt. 2. XXXIII. p. 624—635. 2 Fig.)
- Beijerinck, M. W. 1912.** Mutation bei Mikroben. (Fol. microbiol. Delft. I. 97 pp. 4 pl.)

- Dale, E. 1912.** A bacterial disease of potato leaves. (Ann. of Bot. XXVI. p. 133—154. 2 pl.)
- Duclaux, J. et A. Hamelin. 1911.** Observations sur l'emploi des filtres de collodion. (Ann. Inst. Pasteur. XXV. p. 145.)
- Gorini, C. 1911.** Affinità di origine e di prevenzione di alcune malattie del formaggio Gorgonzola e dei prosciutti. (Rend. Istit. Lomb. 2. XLIV. p. 568—570.)

### XV. Lichenes.

- Cabanès, G. 1912.** Lichens foliacés observés dans le Gard. (Bull. Soc. Et. Sc. nat. Nimes. XXXVIII. p. 1—26.)
- Fink, Bruce 1911.** The nature and classification of Lichens. I. (Mycologia. III. p. 231—269.)
- Harmand, J. 1911.** Lichenes Gallici rariores exsiccati. Fasc. III. N° 101—150 et 150 bis. (Docellis Vogesorum. 1911. 4°.)
- Howe Jr., R. H. 1911.** American species of Alectoria occurring north of the fifteenth parallel. (Mycologia. III. p. 106—150.)

### XVI. Bryophyten.

- Gola, G. 1911.** Contributo alla conoscenza delle Epatiche delle isole Canarie. (Atti Acc. Sc. Torino. XLVI. p. 716—720.)
- Grebe, K. 1912.** Beobachtungen über die Schutzvorrichtungen xerophiler Laubmoose gegen Trocknis. (Hedwigia. LII. p. 1—20.)
- Kaalaas, B. 1911.** Untersuchungen über die Bryophyten in Romsdals Amt. (Vid. Selsk. Skrift. Trondhjem. 1911. 8°. 91 pp. 3 Fig.)

### XVII. Pteridophyten.

#### Cf. XVIII. Johnson and Knowles.

- Fomin, A. 1911.** Uebersicht der Arten der Gattung Cystopteris im Kaukasus. (Moniteur Jard. bot. Tiflis. 1911. p. 3—19.)
- Fomin, A. 1911.** Ueber zwei neue Farne aus dem Kaukasus. (Moniteur Jard. bot. Tiflis. 1911. p. 20—23. 1 T.)

### XVIII. Floristik, Geographie und Systematik der Phanerogamen.

#### Cf. VII. Aversa-Saccà.

- Baldacci, A. 1911.** Sull'Asphodelus ramosus Linn. (Boll. Orto bot. e Giard. col. Palermo. IX. p. 198—202.)
- Baldacci, A. 1911.** Un saluto alle Pelagose. (Bologna, tip. Andreoli. 1911. 4°. 21 pp.)
- Bartlett, H. H. 1911.** Botanical evidence of coastal subsidence. (Science. N. S. XXXIII. p. 29—31.)
- Baum- und Walbilder (1912)** aus der Schweiz. Herausgegeben vom Schweizerischen Departement des Innern. Ser. II. (Bern 1912. 4°. 20 Taf. mit 20 pp. Text.)
- Bennett, A. 1911.** Epipactis atrorubens, a little known Norfolk orchid. (Trans. Norfolk and Norwich Nat. Soc. IX. p. 187—189.)
- Bennett, A. 1911.** Oenanthe pimpinelloides Linn. (Trans. Norfolk and Norwich Nat. Soc. IX. p. 190—191.)
- Blodgett, F. H. 1909.** Ecological plant geography of Maryland; midland zone, upper midland district. (Maryland Western Service. III. p. 221—274.)
- Britton, N. L. 1912.** The genus Hamelia Jacq. (Torreya. XII. p. 32—30.) [Contains as new Hamelia scabrida, of Jamaica. — Trelease.]
- Burkill, J. H. 1912.** Forest of Kobo — Abor expedition. (Kew Bull. 1912. p. 159.)



- Burrell, W. H. and W. G. Clarke. 1911.** Botanical rambles in West Norfolk with notes on the genus *Utricularia*. (Trans. Norfolk and Norwich Nat. Soc. IX. p. 263—268.)
- Campbell, C. 1911.** Sull' *Olea buxifolia* Ait. (Ann. di Bot. IX. p. 339—343, 1 t.).
- Casu, A. 1911.** Addenda ad Floram Sarδοam. Di alcune specie nuove o rare per la Sardegna e per l'Italia, e di alcuni loro fatti bio-ecologici. (Ann. di Bot. IX. p. 383—387.)
- Chevalier, A. 1912.** Novitates florae africanae. Plantes nouvelles de l'Afrique tropicale française décrites d'après les collections de M. A. Chevalier. (Bull. Soc. bot. France. LVIII. Mém. 8d. p. 137—245. 5 pl.)
- Chiovenda, E. 1911.** Di una pianta dell'Abissinia settentrionale che produce Wars. (Ann. di Bot. IX. p. 345—346.)
- Chiovenda, E. 1911.** Plantae novae vel minus notae e regione aethiopica. [Cont.]. (Ann. di Bot. IX. p. 315—322.)
- Chrysler, M. A. 1909.** The ecological plant geography of Maryland; coastal zone, western shore district. (Maryland Western Service. III. p. 149—197.)
- Claasen, E. 1912.** Plants not recorded in the Ohio list from Cuyaboga and Lake Counties. (Ohio Nat. XII. p. 471.)
- Cobau, R. 1911.** Florula arboricola della provincia di Milano. (Ann. di Bot. IX. p. 433—457.)
- Colgan, N. 1912.** The burnt ground flora of Killiney Hill. (Irish Nat. XXI. p. 72—76.)
- Collins, J. F. and H. W. Preston. 1909.** Key to New England trees, wild and commonly cultivated. (Providence, Preston & Rounds Co. 1909.) [A compact little pocket manual of 42 pp., including glossary and systematic index. — Trelease.]
- Conwentz, H., P. Dahl, R. Kolkwitz, H. Schroeder, I. Stoller and E. Ulbrich. 1912.** Das Plägefenn bei Chorin. Beiträge zur Naturdenkmalpflege. 3. Bd. (Berlin, Gebr. Bornträger. 1912. 8°. XVI, 688 pp.)
- Cozzi, C. 1912.** La flora urbico-muraria del Gallaratese. (Atti Soc. ital. Sc. nat. e Mus. civ. Storia nat. Milano. L. p. 300—302.)
- Dalla Torre, K. W. von 1912.** Botanische Bestimmungstabellen für die Flora von Oesterreich und die angrenzenden Gebiete von Mitteleuropa. 3. Aufl. (Wien, A. Hölder. 1912°. 16°. 220 pp. Preis Mk 2.10.)
- Danguy, P. 1912.** Espèces nouvelles de l'Asie centrale. (Not. syst. II. p. 163—167.)
- Dantín Cereceda, J. 1912.** Contribución al estudio del carácter de la flora fanerogámica de Albaceta. (Bol. r. Soc. española Hist. nat. XII. p. 107—121.)
- Darling, C. A. 1912.** Key to the wild herbs flowering in the Spring. (Torreya. XII. p. 46—65.) [Designed as an easy means of naming the species to be found about New York city. — Trelease.]
- Darlington, H. R. 1911.** Roses. (London 1911. 4°. 206 pp. ill.)
- Davidson, A. 1912.** Botanizing in Ingo County. (Bull. S. California. Ac. Sc. XI. p. 15—17.)
- Deane, W. 1912.** *Linum catharticum* in Maine. (Rhodora. XIV. p. 56.)
- Dobbin, J. 1911.** By the rivers Brun. (Amer. Bot. XVII. p. 36—38) [A sketch of the submerged aquatics of rivers near Shushan, New York, with a mention of the river bank, sand and gravel bar plants. — Harshberger.]
- Dop, P. 1910.** Flore de la région toulousaine. (Documents sur

- Toulouse et sa région. II. p. 103—117. 39e Congr. Ass. franç. Av. Sc. Toulouse.)
- Druce, G. C. 1912.** Samuel Corbyn's catalogue of Cambridge plants. (Journ. of Bot. L. p. 76—79.)
- Dunn, S. T. 1912.** Some additions to the Korean flora. (Kew Bull. 1912. p. 108—109.)
- Ekman, E. L. 1912.** Beiträge zur Gramineenflora von Misiones. (Ark. för Bot. XI. 61 pp. 4 t.)
- Elie et E. Levêque, 1912.** La Flore du Touquet de Paris-Plage. (Paris 1912. 12°. 225 pp. avec fig. col.)
- Engler, A. 1912.** Dichapetalaceae africanae. III. (Bot. Jahrb. XLVI. p. 562—597. 3 F.)
- Eyles, F. 1912.** Preliminary list of the plants of Southern Rhodesia. (South African Journ. Sc. VIII. p. 277—322.)
- Falci, R. 1911.** Il Frassino da manna in Sicilia. (Boll. Ort. bot. e Giard. col. Palermo. IX. p. 145—168, ill.)
- Fankhauser, F. 1910.** Zur Kenntnis des Vogelbeerbaumes. (Schweiz. Zschr. Forstw. LXI. 20 pp. 1 T. 6 F.)
- Fedde, F. 1911.** Neue Arten aus der Verwandtschaft der *Corydalis aurea* Willd. von Nord-Amerika. II. (Rep. Spec. nov. X. p. 364—368.)
- Fehér, J. 1912.** *Linaria vulgaris* mit offener Blumenkrone. (Bot. Közl. XI. p. (12).)
- Fernald, M. L. 1912.** Two rare *Junci* of eastern Massachusetts. (Rhodora. XIV. p. 55—56.)
- Fernald, M. L. and K. M. Wiegand, 1912.** A new variety [melanogonus] of *Juncus balticus*. (Rhodora. XIV. p. 35—36.)
- Flemwell, G. 1912.** The flower fields of Alpine Switzerland. An appreciation and à plea. (London, 1911. 8°. 214 pp. ill.)
- Fletcher, E. F. 1912.** *Astragalus contortuplicatus* on Wool-Waste. (Rhodora. XIV. p. 56.)
- Flinn, N. F. 1912.** A third station in Vermont for *Cyperus Houghtonii*. (Rhodora. XIV. p. 40.)
- Fouillade, A. 1911.** Tableaux analytiques de quelques genres et familles difficiles [suite]. (Bull. Soc. bot. Deux-Sèvres. XXII. p. 80—102.)
- Fraser, J. 1912.** Alien Plants. (Scottish bot. Rev. 1912. p. 39—41.)
- Fraser, J. 1912.** *Centunculus minimus* L. in Wigtonshire. (Scottish bot. Rev. 1912. p. 46.)
- Fullmer, E. L. 1912.** Additions made to the Cedar Point flora during the Summer of 1911. (Ohio Nat. XII. p. 473.)
- Gager, C. S. 1912.** Report on a trip to Western Cuba in 1910. (Brooklyn bot. Gard. Record. I. p. 1—7. 5 f.)
- Gagnepain, F. 1912.** *Bauhinia* nouveaux d'Extrême-Orient. (Not. syst. II. p. 168—182.)
- Gagnepain, F. 1912.** Revision des *Buddleia* d'Asie. (Not. syst. II. p. 182—192.)
- Gamble, J. S. 1912.** The *Arundinarias* of the hills of Sikkim. (Kew Bull. 1912. p. 135—140.)
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- Gèze, J. B. 1912.** Etudes botaniques et agronomiques sur les *Typha* et quelques autres plantes palustres. (Thèse Paris 1912. 8°. 174 p. 7 pl.)
- Gilg, E. und M. Brandt. 1912.** *Vitaceae africanae*. (Bot. Jahrb. XLVI. p. 465—557. 15 Fig. Forts. u. Schluss.)
- Glück, H. 1911.** *Eryngium corniculatum* Lam. Specie nuova per la flora italiana. (Ann. di Bot. IX. p. 333—337. ill.)

- Gräbner, P. 1911.** Ueber Veränderungen von Vegetationsformationen. (Ber. westpreuss. bot.-zool. Ver. Danzig. XXXII. p. 54—60.)
- Greene, E. L. 1911/12.** Accessions to Apocynum. (Leafl. bot. Obs. II. p. 164 and 165—189.)
- Greene, E. L. 1912.** Accession to Canadian Botany. I. (Ottawa Nat. XXV. p. 145—147.)
- [Greene, E. L.] 1912.** New species of Trautvetteria. (Leafl. bot. Obs. II. p. 190—193.)
- Griffiths, D. 1912.** Illustrated Studies in the genus Opuntia. IV. (Rep. Missouri bot. Gard. XXII. p. 25—36. 17 pl.)
- Griffiths, D. 1912.** The Grama grasses: Bouteloua and related genera. (Contr. U. S. nation. Herb. Washington. XVI. p. 343—428. figs. and pls.)
- Hall, H. M. 1912.** New and noteworthy Californian plants. I. (Univ. California Public. Bot. IV. p. 195—208.)
- Hamet, R. 1912.** Recherches sur le *Crassula sediformis* Schw. (Rev. gén. Bot. XXIV. p. 145—148.)
- Hamet, R. 1912.** Sur un nouveau *Sedum* du Tibet. (Bull. Soc. bot. France. LVIII. p. 615—617.)
- Hayata, B. 1911.** Icones Plantarum Formosanarum nec non et Contributiones ad floram Formosanam. Or, Icones of the plants of Formosa, and materials for a flora of the island, based on a study of the collections of the botanical survey of the Government of Formosa. Fasc. 1. (Publ. by the Bureau of Productive Industry, Govt. of Formosa. Taihoku. 1911. 8°. 265 pp. 40 pl.)
- Hegi, G. 1912.** Illustrierte Flora von Mittel-Europa. 31. Lfgr. (München. J. F. Lehmann. 1912. 8°. p. 473—504. ill. Preis Mk 1,50 pro Lfgr.)
- Heller, A. A. 1912.** New combinations. VI—VII. (*Muhlenbergia*. VII. p. 20 and 139.)
- Heller, A. A. 1912.** The flora of the Ruby Mountains. IV. (*Muhlenbergia*. VIII. p. 21—24. 1 pl.) [Contains as new *Apocynum cinereum*. — *Trelease*.]
- Hofmann, A. 1911.** Die japanische Schwarzkiefer [*Pinus Thunbergii* Parl.]. (Oesterr. Vierteljahrshchr. Forstw. Wien. XXIX. p. 359—363.)
- Hubbard, F. T. 1912.** Some *Panicums* of Essex County, Mass. (*Rhodora*. XIV. p. 36—40.)
- Hy, F. 1912.** La Vendée considérée comme unité géographique et caractérisée surtout par sa flore. (Bull. Soc. bot. France. LVIII. p. XXVI—XXXI.)
- Hy, F. 1911.** Sur l'employ de la langue française dans la nomenclature botanique et les noms vulgaires des plantes. (Bull. Soc. bot. Deux-Sèvres. XXII. p. 103—114.)
- Icones (1911) Florae Japonicae**, compiled by the College of Science, Imperial University of Tokyo. Vol. I. Part 4. (Published by the University, Tokyo, Japan. 1911.)
- Johnson, D. S. and H. H. York. 1912.** The relation of plants to tide levels. (John Hopkins Univ. Circ. 1912. p. 1—6.)
- Johnson, D. W. 1911.** Botanical evidence of coastal subsidence. (Science N. S. XXXIII. p. 300—302.)
- Johnson, T. and M. C. Knowles. 1910.** Hand list of Irish flowering Plants and Ferns. (Nation. mus. Sc. and Art. Dublin, 1910.)
- Kawakami, T. 1912.** On some Celebes plants. (Bot. Mag. Tokyo. XXVI. p. 49—50.)
- Kennedy, G. G. 1912.** *Quercus imbricaria* Michx. in Massachusetts. (*Rhodora*. XIV. p. 34—35.)

- Kennedy, P. B. 1912.** Alpine plants. V. (Muhlenbergia. VII. p. 133—136. 1 pl. [Contains as new *Salix caespitosa*. — Trelease.]
- Kennedy, P. B. 1912.** Alpine plants. VI. (Muhlenbergia. VIII. p. 18—19. 1 fig.)
- Kirk, G. L. 1912.** *Solidago calcicola* in Vermont. (Rhodora. XIV. p. 54—55.)
- Klein, E. J. 1910.** Das biologische Spektrum. Eine neue Methode pflanzengeographischer Forschung. (Bull. Soc. Nat. luxembourg. N. S. IV. p. 103—108.)
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- Knuth, R. 1912.** Geraniaceae. (Das Pflanzenreich. 53. Heft. Leipzig, W. Engelmann. 1912. 8<sup>o</sup>. 640 pp. 80 Fig. Preis 32 Mk.)
- Koidzumi, G. 1912.** Notes on Japanese Rosaceae. V. (Bot. Mag. Tokyo. XXVI. p. 51—52.)
- Krause, C. 1911.** Botanical Exploration of the East Coast of Greenland between 65° 35'—74° 30' lat. N. Part. II. (Medd. Grönland, Copenhagen 1911. p. 1—6 and 313—421. ill.)
- Krause, K. 1912.** Goodeniaceae and Brunoniaceae. (Das Pflanzenreich. 54. Heft. Leipzig, W. Engelmann. 1912. 8<sup>o</sup>. p. 1—207 und p. 1—6. 35 Fig. Preis 10,80 Mk.)
- Kunz, M. 1911.** Systematisch-anatomische Untersuchung der Verbenoideae, unter Ausschluss der Gattungen Verbena, Lantana und Lippia. (Erlangen 1911. 8<sup>o</sup>. 78 pp. 1 Taf.)
- Lanza, D. 1911.** *Sanseverinia rorida* Lanza. Nova species somalensis. (Bol. Orto bot. e Giard. col. Palermo, IX. p. 208—213. 2 tav.)
- Lungo, A. del 1911.** I rovi da more: *Rubus fruticosus*. (Bull. Soc. tosc. Ort. XXXVI. p. 318—324. ill.)
- Morrison, A. 1912.** New and rare West Australian plants. (Journ. of Bot. L. p. 164—168.)
- Morrison, A. 1912.** New or imperfectly described species of *Acacia* from Western Australia. (Scottish bot. Rev. I. p. 96—99.)
- Murr, J. 1912.** Bemerkungen zu Dr. A. v. Hayek's Flora von Steiermark. (Deutsche bot. Mschr. XXIII. p. 17—22.)
- Negri, G. 1911.** La vegetazione del bosco Lucedio (Trino Vercellese). Contributo allo studio fitogeografico dell'alta pianura padana. (Mem. Acc. Sc. Torino. 2. LXII. p. 387—448.)
- Pagliai, E. 1911.** *Le Gunnera* Linn. (Bull. Soc. tosc. Ort., XXXVI. p. 273—275.)
- Pagliai, E. 1911.** *Trachelium coeruleum* (Linn.). (Bull. Soc. tosc. Ort. XXXVI. p. 228—230.)
- Pampanini, R. 1911.** Alcune piante legnose della China nuove ed ornamentali. (Bull. Soc. tosc. Ort. XXXVI. p. 213—219. ill.)
- Pampanini, R. 1911.** *Gli Agapanthus*. (Bull. Soc. tosc. Ort. XXXVI. p. 184—188.)
- Pampanini, R. 1911.** *La Kolkwitzia amabilis* Graebn. e le sue varietà tomentosa Pamp. e calycina Pamp. (Bull. Soc. tosc. Ort. XXXVI. p. 235—240. ill.)
- Pampanini, R. 1911.** *La Tigridia Pavonia* Ker-Gawl.; la sua storia e le sue varietà. (Bull. Soc. tosc. Ort. XXXVI. p. 306—317. 1 tav.)
- Pampanini, R. 1911.** Le varietà *latisecta* Engl. e *gigantea* Pamp. dell' *Arisaema consanguineum* Schott. (Bull. Soc. tosc. Ort. XXXVI. p. 224—228. ill.)
- Pampanini, R. 1911.** Un' *Ampelidea* dell'Argentina poco nota. (Bull. Soc. tosc. Ort. XXXVI. p. 247—251. ill.)
- Phytogeographical Excursion (International) (1911/12)** in the British Isles. (N. Phytologist. X & XI.)

- Plüss, B. 1912.** Blumenbüchlein für Waldspaziergänger, im Anschluss an „Unsere Bäume und Sträucher“. 3. Aufl. (Freiburg 1912. 12°. VIII, 196 pp. 272 A. Preis: M. 2.20.)
- Pollacci, G. 1911.** Aggiunte alla flora ticinese. (Atti Ist. Bot. Pavia, XV. p. 53—62.)
- Powers, S. 1911.** Floating islands. (Pop. Sc. Monthly. LXXIX. p. 303—307.)
- Pucci, A. 1911.** Un esemplare di *Araucaria imbricata*. (Bull. Soc. tosc. Ort. XXXVI. p. 188—190. ill.)
- R. A. R. 1912.** *Symplocos luzoniensis*. (Kew Bull. 1912. p. 157—158.)
- Raciborski, M. 1911.** Floristische Notizen. (Kosmos. XXXVI. p. 1096—1104. ill.)
- Recenti, A. 1911.** *Brasso-Cattleya Florentia*: *Brassavola Digbyana* × *Laelio-Cattleya Ridolfiana*. (Bull. Soc. tosc. Ort. XXXVI. p. 263—265. 1 tav.)
- Saintange Savouré, H. 1911.** *Centaurea vulgaris* Godron. Description des sous-espèces, races, variétés et formes de transition. (Bull. Soc. Linn. Normandie. 6. III. p. 189—236.)
- Shreve, F. 1909.** The plant life of Maryland. (Maryland Western Service. III. p. 533.)
- Simon, E. 1911.** Petites notes floristiques. (Bull. Soc. bot. Deux-Sèvres. XXII. p. 54—72.)
- Sirena, S. 1911.** *La Chamaerops humilis* Linn. (Boll. Orto bot. e Giard. col. Palermo. IX. p. 180—191.)
- Sosnowski, D. 1911.** Die Eldar-Kiefer. (Moniteur Jard. bot. Tiflis. 1911. p. 24—36.)
- Spalding, V. M. 1908.** The western edge of the Colorado desert. (Plant World. XI. p. 208—215.)
- Speight, R., L. Cockayne and R. M. Laing. 1911.** The Mount Arrowsmith District: a study in physiography and plant ecology. (Trans. N. Zealand Inst. XLIII. p. 315—378. 5 pl. 3 Fig.)
- Stone, W. 1910.** The plants of Southern New Jersey. (Annual Rep. New Jersey State Mus. 1910. p. 25—828. 129 pl.)
- Traverso, O. 1911.** *Oncidium pulvinatum* Lindl. (Bull. Soc. tosc. Ort. XXXVI. p. 265—267. ill.)
- Traverso, O. 1911.** *Semele androgyna* Kunth. (Bull. Soc. tosc. Ort. XXXVI. p. 272—273.)
- Vaccari, L. 1911.** La flora nivale del monte Rosa. Nota di Geografia botanica. (Bull. Soc. Flore Valdôt. VII. 67 pp.)
- Vaccari, L. 1911.** Observations sur quelques *Gentianes*. (Bull. Murithienne. XXXVI. p. 238—247.)

### XIX. Pflanzenchemie.

#### Cf. XI. Marino-Zuco e Pasquero.

- Angelico, F. 1911.** Sui principi dell'*Atractylis gummifera*: Masticogna. (Boll. Orto bot. e Giard. col. Palermo. VIII. p. 124—130.)
- Berg, A. 1912.** Les diastases hydrolysantes du concombre d'âne [*Ecballium elaterium*]. (C. R. Soc. Biol. Paris. LXXII. p. 46.)
- Berg, A. 1912.** Les diastases hydrolysantes du concombre d'âne. (C. R. Soc. Biol. Paris. LXXII. p. 107.)
- Berthelot, D. et H. Gaudechon. 1911.** Sur la photolyse des alcools, des anhydrides d'acides, des éthers-oxyles et des éthers-sels par les rayons ultraviolets. (C. R. Ac. Sc. Paris. CLIII. p. 383.)
- Bertrand, G. et Mme Rosenblatt. 1911.** Activation de la sucrase par divers acides. (C. R. Ac. Sc. Paris. CLIII. p. 1515.)

- Boulard, H. 1911.** A propos de la chlorophylle. (Bull. écon. Indochine. XIV. p. 910—916.)
- Bourquelot, E. et Mlle A. Fichtenholz. 1912.** Sur la présence de l'arbutine dans les feuilles du *Grevillea robusta* (Protéacées). (C. R. Ac. Sc. Paris. CLIV. p. 1106—1108.)
- Ciamician, G. e C. Ravenna. 1911.** Sul contegno di alcune sostanze organiche vegetali. III. Memoria. (Mem. Acc. Sc. Ist. Bologna. VI. p. 7—23.)
- Colin, H. et A. Sénéchal. 1911.** Action des acides sur l'oxydation catalytique des phénols par les sels ferriques. (C. R. Ac. Sc. Paris. CLIII. p. 282.)
- Euler, H. und H. Bäckström. 1912.** Zur Kenntnis der Hefegärung. II. Mitt. (Zschr. physiol. Chem. LXXVII. p. 394—401.)
- Gadamer, J. 1910.** Ueber Corydalisalkaloide, welche zum Apomorphin in Beziehung stehen. (Jahrber. schlesisch. Ges. vat. Kult. Breslau. LXXXVIII. p. 48—59.)
- Gerber, C. 1910.** Action des composés du chrome sur la coagulation du lait par les ferments protéolytiques. (C. R. Soc. Biol. Paris. LXIX. p. 215.)
- Gerber, C. 1910.** Action des platoseles (Pt Cl<sup>4</sup> X<sup>2</sup>) sur la coagulation du lait par les ferments protéolytiques. (C. R. Soc. Biol. Paris. LXIX. p. 102.)
- Gerber, C. 1910.** Action des sels de nickel et de cobalt sur la coagulation du lait par les ferments protéolytiques. (C. R. Soc. Biol. Paris. LXIX. p. 211.)
- Gerber, C. 1910.** Action des sels de zinc et de cadmium sur la coagulation du lait par les ferments protéolytiques. (C. R. Soc. Biol. Paris. LXIX. p. 213.)
- Gerber, C. 1910.** Action des sels d'iridium sur la coagulation du lait par les ferments protéolytiques. (C. R. Soc. Biol. Paris. LXIX. p. 104.)
- Gerber, C. 1910.** Action des sels d'osmium, de ruthénium et de rhodium sur la coagulation du lait par les ferments protéolytiques. (C. R. Soc. Biol. Paris. LXIX. p. 106.)
- Gerber, C. 1910.** La présure des Basidiomycètes. Lois d'action des sels neutres de potassium sur la coagulation de la caséine du lait bouilli emprésuré. (C. R. Soc. Biol. Paris. LXVIII. p. 201.)
- Gerber, C. 1910.** La présure des Basidiomycètes. Lois d'action des sels neutres de sodium, d'ammonium et de lithium sur la coagulation de la caséine du lait bouilli emprésuré. (C. R. Soc. Biol. Paris. LXVIII. p. 203.)
- Gerber, C. 1910.** La présure des Basidiomycètes. Lois d'action des sels neutres des métaux du groupe du magnésium et des métaux alcalino-terreux sur la coagulation de la caséine du lait bouilli emprésuré. (C. R. Soc. Biol. Paris. LXVIII. p. 205.)
- Grimaldi, S. 1911.** Sull'olio di sanguinella e sopra la sua ricerca nell'olio d'oliva. (Staz. sper. Agr. ital. XLIV. p. 291—300.)
- Harlay, V. 1912.** Pectines d'Aucuba et d'écorces d'oranges douces. (Journ. Pharm. et Chim. CIV. p. 344—347.)
- Hübner, O. 1911.** Die Alkaloidchemie im Jahre 1910. (Chem. Ztg. XXXV. p. 1369.)
- Kissling, R. 1911.** Zur Bestimmung des Nikotins in konzentrierten Tabaksäften. (Chem. Ztg. XXXV. p. 200.)
- König, W. 1911.** Zur Bestimmung des Nikotins in Tabakextrakten. (Chem. Ztg. XXXV. p. 521 und p. 1047.)
- Leister, F. 1911.** Zur Nikotinbestimmung in Tabakextrakten. (Chem. Ztg. XXXV. p. 239.)
- Manaresi, A. e C. Tonnegütti. 1911.** Su la composizione chimica delle gemme di alcuni alberi fruttiferi. (Staz. sper. agr. ital. XLIV. p. 960—964.)

- Marchlewsky, L. und I. Robel. 1912.** Ueber  $\beta$ -Phylloporphyrin. (Bull. Ac. Sc. Cracovie. 1912. p. 41—46.)
- Mayer, E. 1911.** Fortschritte auf dem Gebiete der Chlorophyllchemie. (Chem. Ztg. XXXV. p. 1341.)
- Nierenstein, M. 1912.** Zur Konstitutionsfrage des Tannins. IX. Mitt. (Ann. Chem. CCCLXXXVIII. p. 223—258.)
- Oddo, G. e M. Cesaris. 1911.** Sulla solanina estratta dal *Solanum sodomaeum* Linn. Nota IV—V. (Gazz. chim. ital. XLI. p. 490—552.)
- Odén, S. 1912.** Zur Kenntnis der Humussäure des Sphagnum-Torfes. (Ber. deutsch. chem. Ges. XLV. p. 651—660.)
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