

# BRYOPHYTA SELECTA EXSICCATA

published by

National Science Museum, Tokyo

edited by

Hiroshi INOUE

Fasc. XX (No. 951-1000)

January 20, 1989

---

## HEPATICAE

951. **Balantiopsis cancellata** (NEES) STEPH.  
Hedwigia, 32: 145 (1893).  
CHILE: Fundo Purisima and vicinity, ca. 20 km S of Valdivia, Prov. Valdivia.  
On moist bank in wet *Nothofagus dombeyi* forest; elevation about 100 m.  
Coll. H. INOUE, November 17, 1987. Det. H. INOUE
952. **Bazzania peruviana** (NEES) TREV.  
Mem. Real. Istit. Lombardo, ser. 3, 4: 414 (1877).  
CHILE: Fundo Prisma and vicinity, ca. 20 km S of Valdivia, Prov. Valdivia.  
On decaying woods in wet *Nothofagus dombeyi* forest; elevation about 100 m.  
Coll. H. INOUE, November 17, 1987. Det. H. INOUE
953. **Bazzania tridens** (REINW., Bl. et NEES) TREV.  
Mem. Real. Istit. Lombardo, ser. 3, 4: 415 (1877).  
JAPAN: Kinsakubara National Forest, Amami-Ohshima, Kagoshima Pref.  
On moist rock along stream; elevation about 250 m.  
Coll. H. INOUE, December 1, 1988 Det. H. INOUE
954. **Cylindrocolea recurvifolia** (STEPH.) INOUE  
Journ. Jap. Bot., 47: 348 (1972).  
JAPAN: Oto National Forest, Hongu-cho, Wakayama Pref.  
On wet rock along stream; elevation about 300 m.  
Coll. T. KODAMA, July 26, 1972 Det. H. INOUE
955. **Conocephalum japonicum** (THUNBG.) GROLLE  
Journ. Hattori Bot. Lab., 55: 501 (1984).  
JAPAN: Higashi, Kunitachi-shi, Tokyo.  
On moist soil in shaded place; elevation about 50 m.; with gemmae and young female  
receptacles.  
Coll. H. INOUE, October 30, 1988 Det. H. INOUE
956. **Isotachis humectata** (TAYL.) STEPH.  
Spec. Hepat., 3: 654 (1909).  
CHILE: Between Refugio Antillanca and Hotel Termas de Puyehue, Parque Nacional  
Puyehue, Prov. Osorno.  
On moist bank in *Nothofagus* forest; elevation about 800 m.  
Coll. H. INOUE, November 24, 1987. Det. H. INOUE
957. **Jensenia erythropus** (GOTT.) GROLLE  
Rev. Bryol. Lichenol., 33: 228 (1964).  
CHILE: Between Refugion Antillanca and Hotel Termas de Puyehue, Parque Nacional  
Puyehue, Prov. Osorno.  
On moist bank in *Nothofagus* forest; elevation about 900 m.  
Coll. H. INOUE, November 24, 1987. Det. H. INOUE

958. *Jungermannia japonica* AMAKAWA  
 Journ. Hattori Bot. Lab., 22: 41 (1960).  
 JAPAN: Jodogahama, Miyako-shi, Iwate Pref.  
 On moist soil along bank; elevation about 40 m.  
 Coll. M. MIZUTANI, October 5, 1973 (No. 4021). Det. M. MIZUTANI
959. *Lejeunea parva* (HATT.) MIZUTANI  
 Misc. Bryol. Lichenol., 5: 178 (1971).  
 JAPAN: Around Biwadaki Fall, Mt. Takao, Tokyo.  
 On moist rock along stream; elevation about 300 m.  
 Coll. H. INOUE, March 27, 1988. Det. H. INOUE
960. *Marchantia paleacea* BERTOL. var. *diptera* (MONT.) HATT.  
 Journ. Hattori Bot. Lab., 18: 79 (1957).  
 JAPAN: Kunesugawa, Tasuo-cho, Nei-gun, Toyama Pref.  
 On moist rock along stream; elevation about 500 m.  
 Coll. M. MIZUTANI, July 30, 1974. Det. M. MIZUTANI
961. *Metzgeria conjugata* LINDB.  
 Acta Soc. Sci. Fenn., 10: 495 (1875).  
 FRANCE: Dép. Vosges, Le Saut du Bouchout near Sapois.  
 On vertical granite rocks in shaded place; elevation about 500 m.  
 Coll. J.-P. FRAHM, August 16, 1987. Det. J.-P. FRAHM
962. *Monosolenium tenerum* GRIFF.  
 Not. Pl. Asiat., 2: 341 (1849).  
 JAPAN: Oji-cho, Kitakatsuragi-gun, Nara Pref.  
 On moist soil in garden; elevation about 10 m.  
 Coll. H. DEGUCHI, October 15, 1987. Det. H. INOUE
963. *Nipponolejeunea subalpina* (HORIK.) HATT.  
 Bull. Tokyo Sci. Mus., 11: 125 (1944).  
 JAPAN: Mt. Misen, Nara Pref.  
 On bark of *Abies mariesii*; elevation about 1800 m.  
 Coll. T. KODAMA, May 3, 1969. Det. H. INOUE
964. *Pallavicinia subciliata* (AUST.) STEPH.  
 Spec. Hepat., 1: 313 (1900).  
 JAPAN: Between Kosugidani and Gentankubo, Isl. Yakushima, Kagoshima Pref.  
 On wet rock along stream, with *Jungermannia* sp., etc.; elevation about 700 m.  
 Coll. N. TAKAKI & M. MIZUTANI, September 7, 1968. Det. H. INOUE
965. *Plagiochila arbuscula* (BRID. ex LEHM. et LINDBG.) LINDBG.  
 Spec. Hepat., 1-5: 23 (1839).  
 JAPAN: Mt. Yuwan, Amami-Oshima, Kagoshima Pref.  
 On tree trunks; elevation about 600 m.  
 Coll. H. INOUE, December 1, 1988. Det. H. INOUE
966. *Plagiochila duricaulis* (TAYL.) HOOK. et TAYL.  
 In GOTT., LINDBG. et NEES, Syn. Hepat.: 641 (1847).  
 CHILE: Between Refugio Antillanca and Hotel Termas de Puyehue, Parque Nacional  
 Puyehue, Prov. Osorno.  
 On moist rock in *Nothofagus* forest; elevation about 800 m.  
 Coll. H. INOUE, November 24, 1987. Det. H. INOUE

967. *Plagiochila elata* TAYL.  
 London Journ. Bot. 5: 529 (1846).  
 CHILE: Parque Nacional Nahuelbuta, about 35 km W of Angol, Prov. Malleco.  
 On moist, vertical granite cliff in *Araucaria* forest; elevation about 1200 m.  
 Coll. H. INOUE, December 1, 1987. Det. H. INOUE
968. *Plagiochila fruticosa* MITT.  
 Journ. Proc. Linn. Soc. London, Bot., 5: 94 (1861).  
 JAPAN: Kaikawa-dani, Kaminaka-cho, Naka-gun, Tokushima Pref.  
 On moist rock along stream; elevation about 500 m.  
 Coll. T. KODAMA, March 30, 1973. Det. H. INOUE
969. *Plagiochila micropterys* GOTT.  
 Ann. Sci. Nat. Paris, ser. 5, 1: 107 (1864).  
 PERU: Between Marcapata and Achubamba, Prov. Quispicanchis.  
 On moist rocks along trail in wet forest; elevation about 2600 m.  
 Coll. H. INOUE, September 13, 1984. Det. H. INOUE
970. *Porella chilensis* (LEHM. et LINDBG.) TREV.  
 Mem. Real. Istit. Lombardo, ser. 3, 4: 407 (1877).  
 CHILE: Fundo Purisima and vicinity, ca. 20 km S of Valdivia, Prov. Valdivia.  
 On bark in *Nothofagus dombeyi* forest; elevation about 100 m.  
 Coll. H. INOUE, November 17, 1987. Det. H. INOUE
971. *Porella japonica* (S. LAC.) MITT.  
 Trans. Linn. Soc. London, Bot. ser. 2, 3: 202 (1891).  
 JAPAN: Around Biwadaki Fall, Mt. Takao, Tokyo.  
 On moist rock along trail in shaded place; elevation about 400 m.  
 Coll. H. INOUE, March 27, 1987. Det. H. INOUE
972. *Porella vernicosa* LINDB.  
 Acta Soc. Sci. Fenn., 10: 223 (1872).  
 JAPAN: Kiyose, Iidaka-cho, Iinan-gun, Mie Pref.  
 On rock along trail; elevation about 500 m.  
 Coll. K. YAMADA, October 3, 1987. Det. K. YAMADA
973. *Ricciocarpus natans* (L.) CORDA  
 In Opiz, Beitr. z. Naturg., 12: 651 (1829).  
 JAPAN: Miyama-cho, Kitakuwata-gun, Kyoto Pref.  
 On wet soil in paddy field; elevation about 300 m.  
 Coll. T. KODAMA, September 22, 1968. Det. H. INOUE
974. *Thysananthus aculeatus* HERZ.  
 Ann. Bryol., 4: 89 (1931).  
 JAPAN: Upper stream of Kawauchi River, Amami-Oshima, Kagoshima Pref.  
 On moist rock along stream; elevation about 200 m.  
 Coll. H. INOUE, December 1, 1988. Det. H. INOUE
975. *Trichocolea tomentella* (EHRH.) DUM.  
 Sylloge Jungerm. Europ. Indig., Tournay: 67 (1831).  
 JAPAN: Upper stream of Kawauchi River, Amami-Oshima, Kagoshima Pref.  
 On moist rock along stream; elevation about 200 m.  
 Coll. H. INOUE, December 1, 1988. Det. H. INOUE

## MUSCI

- 976. *Anacolia intertexta* (BESCH.) PAR.**  
 Ind. Bryol.: 27 (1894).  
 PERU: Around Huilki, between Cuzco and Limatambo, Prov. Anta.  
 On rather dry limestone outcrop; elevation about 3500 m.  
 Coll. H. INOUE, September 9, 1984. Det. H. DEGUCHI
- 977. *Andreaea papillosa* LINDB.**  
 Oefv. K. Vet. Ak. Foerh., 23: 557 (1866).  
 NORWAY: 1.5 km SE of Ny-Ålesund, Kongsfjorden, Spitsbergen, Isls. Svalbard.  
 On gravels; elevation 0-10 m.  
 Coll. H. DEGUCHI, July 19, 1985. Det. H. DEGUCHI
- 978. *Bryonoguchia molkenboeri* (S. LAC.) IWATS. et INOUE**  
 Misc. Bryol. Lichenol., 5: 107 (1970).  
 JAPAN: Aokigahara National Forest, northern slope of Mt. Fuji, Yamanashi Pref.  
 On moist rock in wet forest; elevation about 1200 m.  
 Coll. H. INOUE, October 2, 1988. Det. H. DEGUCHI
- 979. *Calliergon obtusifolium* KARCZ.**  
 Rev. Bryol. Lichenol., 34: 762 (1966).  
 NORWAY: Around Ny-Ålesund, Kongsfjorden, Spitsbergen, Isls. Svalbard.  
 In damp grassland; elevation 0-20 m.  
 Coll. H. DEGUCHI, July 18, 1985. Det. H. KANDA
- 980. *Campylopus exasperatus* (NEES et BL.) BRID.**  
 Bryol. Univ., 1: 473 (1826).  
 PAPUA NEW GUINEA: Mt. Giluwe, Southern Highlands.  
 On moist soil in subalpine grassland; elevation 3400 m.  
 Coll. H. STREIMANN & P. GARIN, September 12, 1982. Det. J.-P. FRAHM
- 981. *Campylopus umbellatum* (ARN.) PAR.**  
 Ind. Bryol.: 264 (1894).  
 PAPUA NEW GUINEA: Onim Forestry Station, 14 km NNW of Ialibu, Southern Highlands.  
 On moist, bare soil in grassland; elevation 2200 m.  
 Coll. H. STREIMANN, September 16, 1982. Det. J.-P. FRAHM
- 982. *Dicranodontium denudatum* (BRID.) BRITT. in WILLIAMS**  
 North Amer. Fl., 15: 153 (1913).  
 JAPAN: Aokigahara National Forest, northern slope of Mt. Fuji, Yamanashi Pref.  
 On lotten wood in *Tsuga diversifolia* forest; elevation 1200 m.  
 Coll. H. INOUE, October 2, 1988. Det. H. DEGUCHI
- 983. *Dicranodontium fleischerianum* SCHULTZE-MOTEL**  
 Taxon, 12: 127 (1963).  
 MALAYSIA: Mt. Kinabalu National Park, Sabah, Borneo.  
 On bank along summit trail in mossy forest; elevation 2100 m.  
 Coll. J.-P. FRAHM, August 22, 1986. Det. J.-P. FRAHM
- 984. *Dicranoweisia crispula* (HEDW.) MILE**  
 Bryol. Siles.: 49 (1869).  
 NORWAY: Bohemanflya, Spitsbergen, Isls. Svalbard.  
 On moist bank; elevation about 150 m.  
 Coll. H. DEGUCHI, July 30, 1985. Det. H. DEGUCHI

985. *Didymodon rigidulus* HEDW.  
Spec. Musc.: 104 (1801).  
JAPAN: Around Nippara, Nishitama-gun, Tokyo.  
On calcareous rocks along trail; elevation about 400 m.  
Coll. H. INOUE, April 16, 1988. Det. H. DEGUCHI
986. *Ditrichum spinulosum* DIX.  
Journ. Linn. Soc. Bot., 50: 67 (1935).  
MALAYSIA: Kinabalu National Park, Sabah, Borneo.  
On soil in subalpine *Rhododendron* forest; elevation 3350 m.  
Coll. J.-P. FRAHM, August 28, 1986. Det. J.-P. FRAHM
987. *Eustichia poeppigii* (C. MUELL.) PAR.  
Ind. Bryol. Suppl.: 153 (1900).  
CHILE: Between Pt. Varas and Ensenada, Prov. Llanquihue.  
On moist rocky cliff; elevation about 100 m.  
Coll. H. DEGUCHI, November 6, 1981. Det. H. DEGUCHI
988. *Hylocomium brevistrore* (BRID.) B. S. G. var. *cavifolium* (S. LAC.) NOG.  
Journ. Jap. Bot., 36: 117 (1961).  
JAPAN: Aokigahara National Forest, northern slope of Mt. Fuji, Yamanashi Pref.  
On decaying wood in mixed forest; elevation about 1100 m.  
Coll. H. INOUE, October 2, 1988. Det. H. DEGUCHI
989. *Hylocomium splendens* (HEDW.) B. S. G.  
Bryol. Eur., 5: 173 (1852).  
NORWAY: Ca. 1.5 km SW of Ny-Ålesund, Kongsfjorden, Spitsbergen, Isls. Svalbard.  
On humus in tundra; elevation about 50 m.  
Coll. H. DEGUCHI, July 23, 1985. Det. H. DEGUCHI
980. *Hypnum calcicolum* ANDO  
Journ. Sci. Hiroshima Univ. ser. B, div. 2, 8: 167 (1958).  
JAPAN: Around Nippara, Nishitama-gun, Tokyo.  
On rather dry limestone cliff; elevation about 400 m.  
Coll. H. INOUE, April 16, 188. Det. H. DEGUCHI
991. *Orthothecium chryseon* (SCHWAEGR.) B. S. G.  
Bryol. Eur., 5: 107 (1851).  
NORWAY: Ca. 3 km NW of Ny-Ålesund, Kongsfjorden, Spitsbergen, Isls. Svalbard.  
On sandy soil in tundra; elevation 0-50 m.  
Coll. H. DEGUCHI, July 20, 1985. Det. H. DEGUCHI
992. *Philonotis tomentella* MOL. in LOR  
Moosstud.: 170 (1864).  
NORWAY: 1.5 km SE of Ny-Ålesund, Kongsfjorden, Spitsbergen, Isls. Svalbard.  
On moist soil in tundra; elevation 0-10 m.  
Coll. H. DEGUCHI, July 19, 1985. Det. H. DEGUCHI
993. *Physcomitrium patens* (HEDW.) B. S. G. subsp. *californica* (CRUM et ANDERSON) TAN  
Journ. Hattori Bot. Lab., 46: 335 (1979).  
JAPAN: Saburoike, Mitani-cho, Takamatsu-shi, Kagawa Pref.  
On clay soil in dried pond; elevation about 30 m.  
Coll. H. DEGUCHI, January 29, 1988. Det. H. DEGUCHI

994. **Ptychomnion cygnisetum** (C. MUELL.) KINDB.  
Enum. Bryin. Exot.: 31 (1888).  
CHILE: Ensenada, south of Volcan Osorno, Prov. Llanquihue.  
On humus in *Nothofagus* fores; elevation about 100 m.  
Coll. H. DEGUCHI, November 6, 1981. Det. H. DEGUCHI
995. **Racomitrium heterostichum** (HEDW.) BRID.  
Mant. Musc.: 79 (1819).  
FRANCE: Dép. Vosges, between Grand Ventron and Lac de Wildenstein.  
On exposed vertical granite rocks, with *Racomitrium aquaticum*; elevation about 900 m.  
Coll. J.-P. FRAHM, August 21, 1987. Det. J.-P. FRAHM
996. **Sanionia uncinata** (HEDW.) LOESKE  
Hedwigia, 46: 309 (1907).  
NORWAY: Near Ny-Ålesund, Kongsfjorden, Spitsbergen, Isls. Svalbard.  
On damp grassland; elevation 0–20 m.  
Coll. H. DEGUCHI, July 18, 1985. Det. H. KANDA
997. **Sphagnum girgensohnii** Russ.  
Arch. Naturk. Livl. Ehstl. ser. 2, 7: 124 (1865).  
U. S. A.: Around Point Barrow, Alaska.  
On damp humus in tundra; elevation about 10 m.  
Coll. H. INOUE, June 19, 1973. Det. H. DEGUCHI
998. **Sphagnum junghunianum** Dozy et MOLK.  
Bryol. Jav., 1: 27 (1854).  
MALAYSIA: Kinabalu National Park, Sabah, Borneo.  
On humus in mossy forest; elevation about 3000 m.  
Coll. T. SATO, May 24, 1981. Det. H. DEGUCHI
999. **Sphagnum subsecundum** NEES in STURM  
Deutschl. Fl., 2(17): 3 (1819).  
FRANCE: Dép. Vosges, Flachmoor und der route de Forts zwischen La Montagne und Le  
Val d'Ajol.  
On damp humus with *Carex panicea*, etc.; elevation about 750 m.  
Coll. J.-P. FRAHM, June 1, 1985. Det. J. P. FRAHM
1000. **Sphagnum warnstorffii** Russ  
Spitzungsber. Naturf. Ges. Dorpat, 8: 315 (1888).  
NORWAY: Bohemanflya, Spitsbergen, Isls. Svalbard.  
On moist humus in tundra; elevation about 100 m.  
Coll. H. DEGUCHI, Aug. 3, 1985. Det. H. DEGUCHI