

BRYOPHYTA SELECTA EXSICCATA

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HEPATICAE

851. *Bazzania tridens* (REINW., BL. et NEES) TREV.
Mem. Real. Istit. Lombardo, ser. 3, 4: 415 (1877).
JAPAN: Befu Valley, Monobe-mura, Kochi Pref.
On humus along trail; elevation about 600 m.
Coll. H. DEGUCHI, December 24, 1978. Det. H. INOUE
852. *Calyptogeia angusta* STEPH.
Spec. Hepat., 3: 395 (1908).
JAPAN: Mt. Ishikura, Hakkoda Mts., Aomori Pref.
On moist bank along trail in *Abies* spp. forest; elevation about 1000 m.
Coll. H. INOUE, August 17, 1986 Det. H. INOUE
853. *Calyptogeia integristipula* STEPH.
Spec. Hepat., 3: 394 (1908).
JAPAN: Mt. Iwaki, Aomori Pref.
On moist bank in *Fagus crenata* forest; elevation about 600 m.
Coll. H. INOUE, August 26, 1986. Det. H. INOUE
854. *Cephalozia catenulata* (HÜB.) LINDB. subsp. *nipponica* (HATT.) INOUE
Journ. Jap. Bot., 60: 335 (1985).
JAPAN: Aokigahara National Forest, northern slope of Mt. Fuji, Yamanashi Pref.
On decaying wood in *Tsuga diversifolia* forest; elevation about 1000 m.
Coll. H. INOUE, August 12, 1986. Det. H. INOUE
855. *Cyathodium africanum* MITT.
Journ. Proc. Linn. Soc. London, 22: 327 (1887).
TANZANIA: Kimboza Forest Reserve, eastern foothills of Uluguru Mts.
near Matombo.
On shady rocks in lowland rain forest; elevation 300 m.
Coll. T. PÓCS and S. SHARMA (no. 6728/D), July 12, 1972. Det. T. PÓCS
856. *Frullania brasiliensis* RADDI
Atti Soc. Ital. Sci. Modena, 19: 36 (1822).
PERU: Abra Acjanaco near Paucartambo, Prov. Paucartambo, Dept. Cuzco.
On tree trunks in upper part of "Ceja de Selva" zone; elevation about 3500 m.
Coll. H. INOUE, September 17, 1984. Det. H. INOUE
857. *Frullania sphaerocephala* SPRUCE
Trans. Proc. Bot. Soc. Edinburgh, 15: 17 (1884).
PERU: Between Marcapata and Achubamba, Prov. Quispicanchis, Dept. Cuzco.
On moist rocks in wet forest in "Ceja de Selva" zone; elevation about 2700 m.
Coll. H. INOUE, September 13, 1984. Det. H. INOUE

II

858. *Heteroscyphus diestianus* (S. LAC.) PIIPPO
 Acta Bot. Fennica, 131: 165 (1985).
 BORNEO: Around Power Station, Kinabalu Natl. Park, Sabah.
 On humus in wet forest; elevation about 6500 ft.
 Coll. T. SATO, July 26, 1981. Det. H. INOUE
859. *Jungermannia subulata* EVANS
 Trans. Connecticut Acad., 8: 6 (1891).
 JAPAN: Between Sen-nin Bashi and Akanuma, Hakkoda Mts., Aomori Pref.
 On decaying wood in *Fagus crenata* forest, with *Calypogeia angusta* and
Cephalozia otaruensis; elevation about 550 m.
 Coll. H. INOUE, August 24, 1986. Det. H. INOUE
860. *Lophozia guttulata* (LINDB. et ARNELL) EVANS
 Proc. Washington Acad. Sci., 2: 302 (1900).
 JAPAN: Mt. Ohtake, Hakkoda Mts., Aomori Pref.
 On decaying wood in wet forest; elevation about 1000 m.
 Coll. H. INOUE, August 24, 1986. Det. H. INOUE
861. *Marsupella emarginata* (EHRH.) DUM.
 Rec. Obs. Jungerm.: 24 (1835).
 JAPAN: Mt. Ishikura, Hakkoda Mts., Aomori Pref.
 On moist rock in *Fagus crenata* forest; elevation about 1100 m.
 Coll. H. INOUE, August 24, 1986. Det. H. INOUE
862. *Mylia verrucosa* LINDB.
 Acta Soc. Sci. Fenn., 10: 236 (1873).
 JAPAN: Sukayu, Hakkoda Mts., Aomori Pref.
 On moist bank along trail in *Fagus crenata* forest; elevation about 1000 m.
 Coll. H. INOUE, August 24, 1986. Det. H. INOUE
863. *Nardia subclavata* (STEPH.) AMAK.
 Journ. Jap. Bot., 32: 40 (1957).
 JAPAN: Sukayu, Hakkoda Mts., Aomori Pref.
 On moist bank along trail in wet forest; elevation about 1000 m.
 Coll. H. INOUE, August 24, 1986. Det. H. INOUE
864. *Nipponolejeunea subalpina* (HORIK.) HATT.
 Bull. Tokyo Sci. Mus., 11: 125 (1944).
 Mt. Ishikura, Hakkoda Mts., Aomori Pref.
 On bark of *Abies mariesii*; elevation about 1100 m.
 Coll. H. INOUE, August 24, 1986. Det. H. INOUE
865. *Pallavicinia subciliata* (AUST.) STEPH.
 Spec. Hepat., 1: 313 (1900).
 JAPAN: Fukayabakei, Oita Pref.
 On moist rocks in evergreen, wet forest; elevation about 200 m.
 Coll. H. INOUE, August 4, 1986. Det. H. INOUE
866. *Plagiochila bifaria* (SWARTZ) DUM.
 Rec. Obs. Jungerm.: 15 (1835).
 PERU: Around Challabamba, Prov. Paucartambo, Dept. Cuzco.
 On moist rock along trail in "Ceja de Selva" zone; elevation about 2800 m.
 Coll. H. INOUE, September 18, 1984. Det. H. INOUE

867. *Plagiochila denudata* STEPH.
Spec. Hepat., 2: 549 (1905).
PERU: Abra Acjanaco near Paucartambo, Prov. Paucartambo, Dept. Cuzco.
On moist rocks in wet forest in upper "Ceja de Selva" zone; elevation about 3500 m.
Coll. H. INOUE, September 17, 1984. Det. H. INOUE
868. *Plagiochila frondescens* (NEES) LINDBG.
Spec. Hepat., 1-5: 52 (1840).
PAPUA NEW GUINEA: Mt. Kaindi near Wau, Morobe District.
On tree trunk in mossy forest; elevation about 2000 m.
Coll. J. BALOGH (no. 8123), October, 1981. Det. H. INOUE
869. *Plagiochila rosariensis* STEPH.
Spec. Hepat., 6: 203 (1921).
PERU: Abra Acjanaco, near Paucartambo, Prov. Paucartambo, Dept. Cuzco
On moist humus in upper part of "Ceja de Selva" zone, with *Syzygiella anomala*,
Plagiochila sp., etc.; elevation about 3500 m.
Coll. H. INOUE, September 17, 1984. Det. H. INOUE
870. *Porella densifolia* (STEPH.) HATT.
Journ. Jap. Bot. 20: 109 (1944).
JAPAN: Kuroyama, Sakado-machi, Saitama Pref.
On shaded rocks along trail; elevation about 300 m.
Coll. H. INOUE, October 10, 1986. Det. H. INOUE
871. *Porella fauriei* (STEPH.) HATT.
Journ. Jap. Bot., 20: 109 (1944).
JAPAN: Between Sen-nin Bashi and Akanuma, Hakkoda Mts., Aomori Pref.
On bark of *Fagus crenata*; elevation about 550 m.
Coll. H. INOUE, August 25, 1986. Det. H. INOUE
872. *Radula mollis* LINDBG. et GOTT.
Syn. Hepat.: 725 (1847).
PERU: Between Marcapata and Achubamba, Prov. Quispicanchis, Dept. Cuzco.
On rock along trail in "Ceja de Selva" zone; elevation about 2800 m.
Coll. H. INOUE, September 13, 1984. Det. H. INOUE; Ver. K. YAMADA
873. *Radula voluta* TAYL.
In GOTT., LINDBG. & NEES, Syn. Hepat.: 255 (1845).
PERU: Between Marcapata and Achubamba, Prov. Quispicanchis, Dept. Cuzco.
On moist rock in wet forest in "Ceja de Selva" zone; elevation about 2800 m.
Coll. H. INOUE, September 13, 1984. Det. H. INOUE; Ver. K. YAMADA
874. *Syzygiella perfoliata* (SWARTZ) SPRUCE
Journ. Bot., 5: 234 (1876).
PERU: Abra Acjanaco near Paucartambo, Prov. Paucartambo, Dept. Cuzco.
On moist humus in upper part of "Ceja de Selva" zone; elevation about 3500 m.
Coll. H. INOUE, September 17, 1984. Det. H. INOUE
875. *Wiesnerella denudata* (MITT.) STEPH.
Spec. Hepat., 1: 154 (1889).
JAPAN: Ongata, Hachioji-shi, Tokyo Pref.
On moist rock along small stream in *Cryptomeria* forest; elevation about 400 m.
Coll. H. INOUE, May 18, 1986. Det. H. INOUE

IV

MUSCI

876. *Aulacompilum tumidulum* THWAIT. et MITT.
 Journ. Linn. Soc. Bot., 13: 307 (1873).
 BRAZIL: Along road MT-642 município de Antônio João, Mato Grosso State.
 Growing from base to 3 m up on tree trunk.
 Coll. D.M. VITAL (no. 6457), May 25, 1976. Det. D.M. VITAL
877. *Brachymenium leptophyllum* (C. MUELL.) BRUCH et SCHIMP. ex JAEG.
 Ber. S. Gall. Naturw. Ges., 1873-74: 111 (1875).
 TANZANIA: North of Mpwapwa, Kiboriani Mts.
 On *Acacia* bark in open bush; elevation about 1960 m.
 Coll. T. PÓCS (no. 6568/H), May 11, 1972. Det. T. PÓCS
878. *Brachythecium rivulare* B.S.G.
 Bryol. Europ., 6: 17 (1853).
 FRANCE: Frankenthal, Hohnneckgebiet, Dép. Haut-Rhin.
 Auf Steinen in einem Bach; elevation ca. 1000 m.
 Coll. J.-P. FRAHM, September 7, 1985. Det. J.-P. FRAHM
879. *Campylopus comosus* (SCHWAEGR.) BOSCH et LAC.
 Bryol. Jav., 1: 75 (1858).
 PAPUA NEW GUINEA: Head of Black Cat Creek, Wau ~ Salamaua Track, Morobe Prov.
 On rotting log in *Castanopsis* - *Nothofagus* forest; elevation 2000 m.
 Coll. H. STREIMANN (no. 25616), October 31, 1982. Det. J.-P. FRAHM
880. *Campylopus introflexus* (HEDW.) BRID.
 Mant. Musc.: 72 (1819).
 FRANCE: Ronchamp, Dép. Haute Saone.
 Auf Abraumhalden südlich des Ortes in Massen auf schiefrigem Gesteinsgrus; elevation 370 m.
 Coll. J.-P. FRAHM and MILLON, December 30, 1984. Det. J.-P. FRAHM
881. *Campylopus watsii* BROTH.
 Proc. Linn. Soc. N.S. Wales, 43: 547 (1918).
 AUSTRALIA: Barron State Forest, Herberton Range, Queensland.
 On *Casuarina* trunk on edge of *Eucalyptus* woodland and rainforest; elevation 1030 m.
 Coll. H. STREIMANN (no. 27315), March 2, 1983. Det. J.-P. FRAHM
882. *Daltonia patula* MITT. (hom. illeg.)
 Journ. Linn. Soc. Bot., 7: 162 (1863).
 TANZANIA: Along Umbwe Route, Kilimanjaro Mts.
 On dead *Erica* arborea, with *Drepanolejeunea physaefolia*, etc.; elevation 2850 m.
 Coll. T. PÓCS (no. 6929/N), July 1, 1976. Det. T. PÓCS
883. *Dicranella heteromalla* (HEDW.) SCHIMP.
 Coroll.: 13 (1856).
 JAPAN: Gyoba, Mt. Tsurugi, Tokushima Pref.
 On moist bank along trail; elevation about 1700 m.
 Coll. H. DEGUCHI, May 3, 1980. Det. H. DEGUCHI

884. *Ditrichum crispatisimum* (C. MUELL.) PAR.
Ind. Bryol. Suppl.: 131 (1900).
JAPAN: Gyoba, Mt. Tsurugi, Tokushima Pref.
On moist limestone rock; elevation about 1700 m.
Coll. H. DEGUCHI, May 3, 1980. Det. H. DEGUCHI
885. *Drepanocladus fluitans* (HEDW.) WARNST.
Beih. Bot. Centralb., 13: 404 (1903).
JAPAN: Lake Osorezan, Shimokita Penn., Aomori Pref.
Depth of lake (about 10 m deep) with pH value 3.4–3.8.
Coll. K. SATAKE, August 18, 1986. Det. H. KANDA
886. *Duthiella flaccida* (CARD.) BROTH.
Nat. Pfl.-fam., 1: 1010 (1908).
JAPAN: Inohae Valley, Kitago-cho, Miyazaki Pref.
On submerged rock in small stream; elevation 100 m.
Coll. H. DEGUCHI, March 21, 1978. Det. H. DEGUCHI
887. *Erpodium beccarii* C. MUELL.
Nouv. Giorn. Bot. Ital., 4: 18 (1872).
BRAZIL: Along São Francisco River, Aguas Claras, Município de Barra, Bahia.
Forming loose mats on bark of *Zizyphus joazeiro*.
Coll. D.M. VITAL (no. 6068), April 5, 1976. Det. D.M. VITAL
888. *Garckeia flexuosa* (GRIFF.) MARG. et NORK.
Journ. Bryol., 7: 440 (1973).
JAPAN: Asakura, Kochi-shi, Kochi Pref.
On soil on roadside bank; elevation about 40 m.
Coll. T. MATSUI and H. HIDAKA, October 23, 1985. Det. H. DEGUCHI
889. *Hylocomium brevirostre* (BRID.) B.S.G.
Bryol. Europ., 5: 178 (1852).
FRANCE: Zwischen Melisey und Ecomagny, Dép. Haute-Saone.
An Steinblöcken im Laubwald; elevation 430 m.
Coll. J.-P. FRAHM, June 1, 1985. Det. J.-P. FRAHM
890. *Hyocmium armoricum* (BRID.) WIJK et MARG.
Taxon, 10: 24 (1961).
BELGIUM: Oignies, Prov. Namur.
On wet bank along stream; elevation 200 m.
Coll. R. OCHYRA and J. VÁÑA, November 2, 1985. Det. R. OCHYRA
891. *Hypnum revolutum* (MITT.) LINDB.
Oefv. K. Vet. Ak. Foerh., 23: 542 (1867).
SPITSBERGEN: Bohemanflya.
On moist humus; elevation about 150 m.
Coll. H. DEGUCHI, July 31, 1985. Det. H. DEGUCHI
892. *Leptostomum splachnoideum* HOOK. et ARNOTT
Bot. Capt. Beechey's Voyage: 53 (1841).
CHILE: Between Puerto Varas and Ensenada, Llanquihue.
On tree trunk along small stream; elevation about 20 m.
Coll. H. DEGUCHI and H. INOUE, November 13, 1981. Det. H. DEGUCHI

VI

893. *Leucoloma okamurae* BROTH.
Oefv. Finsk. Vet. Soc. Foerh., 62A: 2 (1921).
JAPAN: Mt. Kuishi, Tosayama-mura, Kochi Pref.
On boulders; elevation 860 m.
Coll. H. DEGUCHI, November 19, 1980. Det. H. DEGUCHI
894. *Paludella squarrosa* (HEDW.) BRID.
Spec. Musc., 3: 71 (1817).
SPITSBERGEN: Bohemanflya.
In bog; elevation 100–200 m.
Coll. H. DEGUCHI, August 1, 1985. Det. H. DEGUCHI
895. *Racomitrium lanuginosum* (HEDW.) BRID.
Mant. Musc.: 79 (1819).
JAPAN: Mt. Jirogyu, Higashiyama-mura, Tokushima Pref.
On schist in open wind-swept grassland; elevation 1800 m.
Coll. H. DEGUCHI, May 3, 1980. Det. H. DEGUCHI
896. *Scopelophila cataractae* (MITT.) BROTH.
Nat. Pfl.-fam., 1: 436 (1902).
BELGIUM: Foret Prayon, Prov. Liège.
On heavy metals residues of zinc furnaces; elevation 130 m.
Coll. R. OCHYRA and J. VAÑA, November 2, 1985. Det. R. OCHYRA
897. *Scorpidium scorpioides* (HEDW.) LIMPR.
Laubm. Deutschl., 3: 571 (1899).
SPITSBERGEN: Bohemanflya.
In damp grassland; elevation 100–200 m.
Coll. H. DEGUCHI, August 1, 1895. Det. H. KANDA
898. *Sphagnum nemoreum* SCOP.
Fl. Carn. ed. 2: 305 (1772).
CHILE: Around top of Cerro Pavilo, Prov. Llanquihue.
In bog in *Fitzroya* forest; elevation 870 m.
Coll. H. DEGUCHI, November 14, 1981. Det. H. DEGUCHI
899. *Sphagnum papillosum* LINDB.
Acta Soc. Sci. Fenn., 10: 280 (1872).
JAPAN: Tashiro tai, Hakkoda Mts., Aomori Pref.
In bog; elevation about 800 m.
Coll. H. DEGUCHI, July 30, 1979. Det. H. DEGUCHI
900. *Wijkia trichocolea* (C. MUELL.) CRUM
Bryologist, 74: 174 (1971).
TANZANIA: North of Mandege Forest Station, north of Kilosa, Ukaguru Mts.
On shady vertical rock in *Elaphoglossum*-*Saintpaulia* community; elevation
1540 m.
Coll. T. PÓCS and D. MABBERLEY (no. 6737/N), July 29, 1972. Det. M. BIZOT