

BRYOPHYTA SELECTA EXSICCATA

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Hiroshi INOUE

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HEPATICAЕ

1. *Bazzania calcarata* (SANDE LAC.) SCHIFFN.
Consp. Hepat. Archip. Indici:149 (1898).
MALAYA: Gunong Jasar, Cameron Highlands, Prov. Pahang.
On humus in mossy forest; elevation about 5000ft.
Coll. H. INOUE, Oct. 16, 1966. Det. H. INOUE
2. *Bazzania praerupta* (REINW., BLUME et NEES) TREV.
Mem. Real. Istit. Lombardo ser. 3, 4:414 (1877).
MALAYA: Gunong Brinchang, Cameron Highlands, Prov. Pahang.
On humus in mossy forest; elevation about 6600 ft.
Coll. H. INOUE, Oct. 15, 1966. Det. H. INOUE
3. *Calycularia crispula* MITT.
Journ. Proc. Linn. Soc. London 5:122 (1861).
TAIWAN: Mt. Ali, Chia-Yi-Hsien.
On humus; elevation about 2300 m.
Coll. H. INOUE, Oct. 28, 1966. Det. H. INOUE
4. *Calypogeia nasuensis* INOUE
Bull. Nat. Sci. Mus. Tokyo 12:653 (1969).
JAPAN: Nasu Villa, Nasu, Tochigi Pref. (Type locality).
On moist clayey soil along stream; elevation about 700 m.
Coll. H. INOUE, June 18, 1969. Det. H. INOUE
5. *Calypogeia tsukushiensis* AMAKAWA
Journ. Jap. Bot. 33:338 (1958).
JAPAN: Jindaiji, Chofu, Tokyo Pref.
On moist soil along stream in the reserved forest.
Coll. K. SAITO, March 9, 1969. Det. H. INOUE
6. *Chiloscyphus polyanthus* (L.) CORDA
In OPIZ, Beitr. Naturf. 1:651 (1829).
JAPAN: Eastern foot of Mt. Shiratake, Tsushima Isl., Nagasaki Pref.
On submerged rocks in small stream; elevation about 200 m.
Coll. H. INOUE, March 10, 1969. Det. H. INOUE

7. *Frullania jackii* GOTT. subsp. *japonica* (SANDE LAC.) HATT.
 Journ. Hattori Bot. Lab. 21:128 (1959).
 JAPAN: Along trail near the Hiyama River, Kami-Arisu, Sumita-machi, Iwate Pref.
 On moist rocks; elevation about 400 m.
 Coll. H. INOUE, May 28, 1968. Det. H. INOUE
8. *Frullania viridis* HORIK.
 Sci. Rep. Tohoku Imper. Univ. Biol 5(4):646 (1930).
 JAPAN: Mt. Tsustuji, Chichijima Isl., the Bonin Islands.
 On bark in the forest of *Schima mertensiana*—*Bladhia sieboldii*; elevation 100–300 m.
 Coll. H. INOUE, Nov. 25, 1968. Det. H. INOUE
9. *Herberta longifolia* HORIK.
 Journ. Sci. Hiroshima Univ. ser. B, div. 2, 2:208 (1934).
 TAIWAN: Mt. Ali, China-Yi-Hsien.
 On bark; elevation about 2300 m.
 Coll. H. INOUE, Oct. 28, 1966. Det. H. INOUE
10. *Isotachis armata* (NEES) GOTT.
 Ann. Sci. Nat. Ser. 5, 1:121 (1864).
 MALAYA: Forest Reserve, northwest of Brinchang, Cameron Highlands, Prov. Pahang.
 On moist soil along trail; elevation about 5000 ft.
 Coll. H. INOUE, Oct. 14, 1966 Det. H. INOUE
11. *Jungermannia ariadne* TAYLOR
 Nov. Minus Cogn. Stir. Pugillus 8:9 (1844).
 TAIWAN: Between Chi-Tou and Chi-Ti, Nan-Two-Hsien.
 On moist rocks along trail; elevation 1200–1800 m.
 Coll. H. INOUE, Oct. 26, 1966. Det. H. INOUE
12. *Jungermannia boninensis* (HORIK.) INOUE
 Bull. Nat. Sci. Mus. Tokyo 12:305 (1969).
 JAPAN: Mt. Chuo, Chichijima Isl., the Bonin Islands.
 On moist bank along trail, in the forest of *Schima mertensiana*—*Bladhia sieboldii*;
 elevation 100–300 m.
 Coll. H. INOUE, Nov. 20, 1968. Det. H. INOUE
13. *Lepidozia trichodes* (REINW., BLUME et NEES) NEES
 In GOTT., LINDENBG. et NEES, Synop. Hepat.:203 (1845).
 MALAYA: Forest Reserve, northwest of Brinchang, Cameron Highlands, Prov. Pahang.
 On humus in mossy forest; elevation about 5000 ft.
 Coll. H. INOUE, Oct. 14, 1966. Det. H. INOUE
14. *Makinoa crispata* (STEPH.) MIYAKE (♂)
 Bot. Mag. Tokyo 13:23 (1899).
 JAPAN: Mt. Tatera, Tsushima Isl., Nagasaki Pref.
 On moist rocks along stream; elevation 200–450 m.
 Coll. H. INOUE, March 9, 1969. Det. H. INOUE
15. *Marchantia paleacea* BERTOL. (♂, ♀)
 Opusc. Scient. di Bologna 1:242 (1817).
 JAPAN: Kurasawa Valley, Kitatama-gun, Tokyo Pref.
 On moist, calcareous sandstone; elevation about 500 m.
 Coll. H. INOUE, June 9, 1968. Det. H. INOUE

16. *Mastigophora diclados* (BRID.) NEES
 Naturg. Europ. Leberm. 3:90 (1838).
 MALAYA: Gunong Brinchang, Cameron Highlands, Prov. Pahang.
 On tree-trunk in mossy forest; elevation about 6000 ft.
 Coll. H. INOUE, Oct. 15, 1966. Det. H. INOUE
17. *Plagiochila ovalifolia* MITT.
 Trans. Linn. Soc. London ser. 2, 3:193 (1891).
 JAPAN: Northern slope of Mt. Tatera, Tsushima Isl., Nagasaki Pref.
 On submerged rocks in the stream; elevation 200-450 m.
 Coll. H. INOUE, March 9, 1969. Det. H. INOUE
18. *Plagiochila pulcherrima* HORIK.
 Journ. Sci. Hiroshima Univ. ser. B, div. 2, 1:63 (1931).
 TAIWAN: Mt. Ali, Chia-Yi-Hsien.
 On moist rocks; elevation about 2300 m.
 Coll. H. INOUE, Oct. 28, 1966. Det. H. INOUE
19. *Porella perrottetiana* (MONT.) TREV.
 Mem. Real. Istit. Lombardo ser. 3, 4:408 (1877).
 JAPAN: Northern slope of Mt. Tatera, Tsushima Isl., Nagasaki Pref.
 On rocks along small stream, in the forest of small, deciduous trees; elevation about
 200 m.
 Coll. H. INOUE, March 9, 1969. Det. N. INOUE
20. *Porella stephaniana* (MASS.) HATT.
 Bot. Mag. Tokyo 65:13 (1952).
 JAPAN: Along trail near the Hiyama River, Kami-Arisu, Sumita-machi, Iwata Pref.
 On moist limestone; elevation about 400 m.
 Coll. H. INOUE, May 28, 1968. Det. H. INOUE
21. *Riccia fluitans* L.
 Spec. Plant.:1139 (1753).
 JAPAN: Koishikawa Botanical Garden, Tokyo University, Tokyo.
 Submerged in water.
 Coll. K. OKAMOTO, May 1953. Det. H. INOUE
22. *Scapania ornithopodioides* (WITH) PEARS.
 Hepat. British Isl.: 219 (1900).
 TAIWA: Mt. Ali, Chia-Yi-Hsien.
 On humus; elevation about 2300 m.
 Coll. H. INOUE, Oct. 28, 1966. Det. H. INOUE
23. *Schistochila formosana* HORIK.
 Ann. Bryol. 6:59 (1933).
 TAIWAN: Mt. Ali, Chia-Yi-Hsien.
 On tree-trunk; elevation about 2300 m.
 Coll. H. INOUE, Oct. 28, 1966. Det. H. INOUE
24. *Telaranea neesii* (LINDENBG.) FULF.
 Brittonia 15:80 (1963).
 MALAYA: Gunong Jasar, Cameron Highlands, Prov. Pahang.
 On humus in mossy forest; elevation about 5000 ft.
 Coll. H. INOUE, Oct. 16, 1966. Det. H. INOUE

IV

25. *Wettsteinia inversa* (SANDE LAC.) SCHIFFN.
Ann. Jard. Bot. Buitenzorg. 2, suppl. 45 (1898).
TAIWAN: Mt. Ali, Chia-Yi-Hesien.
On humus-covered rock; elevation about 2300 m.
Coll. H. INOUE, Oct. 28, 1966. Det. H. INOUE
- MUSCI
26. *Aerobryopsis longissima* (DOZ. et MOLK.) FLEISCHER
Hedwigia 44:305 (1906).
MALAYA: Forest Reserve, northwest of Brinchang, Cameron Highlands, Prov. Pahang.
On tree-trunk in mossy forest; elevation about 5000 ft.
Coll. H. INOUE, Oct. 14, 1966. Det. A. NOGUCHI
27. *Aulacomnium heterostichum* (HEDW.) B. S. G.
Bryol. Europ. 4:215 (1856).
JAPAN: Daimyojin Valley, Sugadaira, Nagano Pref.
On humus along small stream; elevation about 1200 m.
Coll. K. SAITO, Sept. 5, 1969. Det. Z. IWATSUKI
28. *Bartramia pomiformis* HEDW.
Spec. Musc.:164 (1801).
JAPAN: Along trail near the Hiyama River, Kami-Arisu, Sumita-machi, Iwata Pref.
On moist bank in forest; elevation about 400 m.
Coll. H. INOUE, May 28, 1968. Det. Z. IWATSUKI
29. *Brachymenium nepalense* HOOK. var. *clavulum* (MITT.) OCHI
Rev. Bryaceae Jap.:50 (1959).
JAPAN: Daimyojin Valley, Sugadaira, Nagano Pref.
On bark of *Alnus* sp.; elevation about 1100 m
Coll. K. SAITO, Sept. 5, 1969, Det. Z. IWATSUKI
30. *Bryhnia sublaevifolia* BROTH. et PAR.
In CARD., Bull. Soc. Bot. Gen. ser. 2, 3:294 (1911).
JAPAN: Northern slope of Mt. Ariake, Tsushima Isl., Nagasaki Pref.
On moist rock along stream; elevation 10-100 m.
Coll. H. INOUE, March 13, 1969. Det. N. TAKAKI
31. *Bryoxiphium norvegicum* (BRID.) MITT. subsp. *japonicum* (BERGG.) LÖVE et LÖVE
Bryologist 56:197 (1953).
JAPAN: Along bank of the Nakagawa River, Matsuo, Nasu, Tochigi Pref.
On moist cliff; elevation about 500 m.
Coll. H. INOUE, June 17, 1969. Det. Z. IWATSUKI
32. *Climacium dendroides* (HEDW.) WEB. et MOHR
Naturh. Reise Schweden:96 (1804).
JAPAN: Along trail near the Hiyama River, about 9 km north of Oofunato, Iwate Pref.
On humus-covered rocks in the forest of deciduous trees; elevation about 400 m.
Coll. H. INOUE, May 28, 1968. Det. Z. IWATSUKI

33. *Dicranum nipponense* BESCH.
Ann. Sci. Nat. ser. 7, 17:332 (1893).
JAPAN: Daimyojin Valley, Sugadaira, Nagano Pref.
On humus-covered rocks in the open forest of *Alnus* sp. and *Betula* sp.; elevation about 1200 m.
Coll. K. SAITO, Sept. 5, 1969. Det. Z. IWATSUKI
34. *Fissidens grandifrons* BRID. var. *planicaulis* (BESCH.) NOG.
Journ. Hattori Bot. Lab. 7:68 (1952).
JAPAN: Along trail near Kurasawa Vally, Kitatama-gun, Tokyo Pref.
On very moist rocks; elevation about 600 m.
Coll. H. INOUE, June 9, 1968. Det. Z. IWATSUKI
35. *Fissidens nagasakinus* BESCH.
Journ. de Bot. 12:292 (1898).
JAPAN: Eastern foot of Mt. Shiratake, Tsushima Isl., Nagasaki Pref.
On very moist rocks; elevation 100-200 m.
Coll. H. INOUE, March 10, 1969. Det. Z. IWATSUKI
36. *Fontinalis antipyretica* HEDW.
Spec. Musc.:298 (1801).
JAPAN: Daimyojin Valley, Sugadaira, Nagano Pref.
On submerged rocks in the stream; elevation about 1200 m.
Coll. K. SAITO, Sept. 5, 1969. Det. Z. IWATSUKI
37. *Funaria hygrometrica* HEDW.
Spec. Musc.:172 (1801).
JAPAN: Along trail near the Hiyama River, Kami-Arisu, Sumita-machi, Iwate Pref.
On moist soil; elevation about 400 m.
Coll. H. INOUE, May 28, 1968. Det. Z. IWATSUKI
38. *Leucobryum neilgherrense* C. MUELL.
Bot. Zeit. 12:556 (1854).
JAPAN: Mt. Tsutsuji, Chichijima Isl., the Benin Islands.
On humus in the forest of *Schima mertensiana*-*Bladhia sieboldii*; elevation 100-300 m.
Coll. H. INOUE, Nov. 25, 1968. Det. Z. IWATSUKI
39. *Neckera pennata* HEDW.
Spec. Musc.:200 (1801).
JAPAN: The Experimental Forest of Tokyo University, Furano, Kamikawa, Hokkaido.
On bark of *Betula* sp.; elevation about 800 m.
Coll. K. SAITO, Oct. 11, 1969 Det. Z. IWATSUKI
40. *Neckeropsis obtusata* (MONT.) FLEISCH.
In BROTH., Naturl. Pfl.-fam. (ed. 2), 11:187 (1925).
JAPAN: Northern slope of Mt. Tatera, Tsushima Isl., Nagasaki Pref.
On tree-trunk; elevation about 300 m.
Coll. H. INOUE, March 9, 1969. Det. Z. IWATSUKI
41. *Platygyrium repens* (BRID.) B. S. G.
Bryol. Europ. 5:98 (1851).
JAPAN: Daimyojin Valley, Sugadaira, Nagano Pref.
On bark of *Alnus* sp.; elevation about 1100 m.
Coll. K. SAITO, Sept. 5, 1969. Det. Z. IWATSUKI

42. *Polytrichum commune* HEDW.
Spec. Musc.: 88 (1801).
TAIWAN: Bayu Lake, Tai-Tung-Hsien.
On humus; elevation about 2200 m.
Cool. S. KUROKAWA, Jan. 21, 1965. Det. T. OSADA
43. *Pseudoleskeopsis japonica* (SULL. et LESQ.) IWATS.
Journ. Hattori Bot. Lab. 29:58 (1966).
JAPAN: Northern slope of Mt. Tatera, Tsushima Isl., Nagasaki Pref.
On moist rocks; elevation about 400 m.
Coll. H. INOUE, March 9, 1969. Det. Z. IWATSUKI
44. *Pterobryum arbuscula* MITT.
Trans. Linn. Soc. London ser. 2, 3:171 (1891).
JAPAN: Northern slope of Mt. Tatera, Tsushima Isl., Nagasaki Pref.
On bark of *Quercus* sp.; elevation 200-450 m.
Coll. H. INOUE, March 9, 1969. Det. Z. IWATSUKI
45. *Rhacomitrium canescens* (HEDW.) BRID.
Musc. Rec. Suppl. 4:78 (1891).
JAPAN: Along trail near the Hiyama River, Kami-Arisu, Sumita-machi, Iwate Pref.
On moist rocks in rather sunny place; elevation about 400 m.
Coll. H. INOUE, May 28, 1968. Det. Z. IWATSUKI
46. *Rhizogonium boninense* IWATS.
Bull. Nat. Sci. Mus. Tokyo 12:298 (1969).
JAPAN: Between Mt. Chibusa and Mt. Sekimon, Hahajima Isl., the Bonin Islands.
On decaying logs in very moist, shaded forest of *Ardisia sieboldii*-*Eugenia* sp.: elevation 200-400 m.
Coll. H. INOUE, July 15, 1969. Det. Z. IWATSUKI
47. *Sphagnum junghuhnianum* DOZ. et MOLK.
Nat. Verhand. Kon. Akad. Wet. Amsterdam 2:8 (1854).
MALAYA: Gunong Brinchang, Cameron Highlands, Prov. Pahang.
On humus in mossy forest; elevation about 6600 ft.
Coll. H. INOUE, Oct. 15, 1966. Det. A. NOGUCHI
48. *Thuidium cymbifolium* (DOZ. et MOLK.) DOZ. et MOLK.
Bryol. Jav. 2:115 (1865).
MALAYA: Forest Reserve, northwest of Brinchang, Cameron Highlands, Prov. Pahang.
On humus; elevation about 5000 ft.
Coll. H. INOUE, Oct. 14, 1966. Det. A. NOGUCHI
49. *Thuidium delicatulum* (HEDW.) MITT.
Journ. Proc. Linn. Soc. London 12:58 (1869).
JAPAN: Along trail near the Hiyama River, Kami-Arisu, Sumita-machi, Iwate Pref.
On humus-covered rocks; elevation about 400 m.
Coll. H. INOUE, May 28, 1968. Det. Z. IWATSUKI
50. *Zygodon viridissimum* (DICKS.) BRID. var. *rupestris* HARTM.
Handb. Skand. Fl. 5:371 (1849).
JAPAN: Daimyojin Valley, Sugadaira, Nagano Pref.
On bark of *Betula* sp.; elevation about 1100 m.
Coll. K. SAITO, Sept. 5, 1969. Det. Z. IWATSUKI