

広島大学理学部生物科学科収蔵蘚苔類基準標本目録(2)

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Type Specimens of Bryophytes in the Herbarium of Hiroshima University (HIRO), 2

はじめに

広島大学理学部生物科学科に収蔵されている蘚苔類標本の基準標本目録が出版され(岩月・出口 1995)、苔類230種、ツノゴケ類1種、蘚類596種、計827種(変種、品種を種として算出)におよぶ基準標本が含まれることがはじめて学内外に公表された。その後も同標本庫の標本の調査・研究が進められ、新たに追加すべき基準標本が確認されたのでここに公表する。

蘚苔類基準標本目録

《苔綱 Hepaticopsida》

Anastrophyllum speciosum Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 2: 147, 1934.

Holotype: Taiwan. Prov. Taihoku, Mt. Taiheizan (Toganoodani, Mururoafu, Kyanrawazawa), 24 VIII 1932, coll. Y. Horikawa 11478.

Bazzania nodulosa Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 2: 199, 1934.

Topotype: Taiwan. Prov. Taito, between Shinsuiei and Shucho-kyokai, 3 I 1933, coll. Y. Horikawa 10623.

Drepanolejeunea foliicola Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 1: 85, 1932.

Syntype: Japan. Shikoku, Prov. Iyo, Mt. Onigajo, Futamata, on leaves of *Guercus salicina*, 26 XII 1931, coll. S. Iwamasa 1667b, in herb. Horikawa 6608b.

Drepanolejeunea obtusifolia Yamaguchi, J. Jap. Bot. 59: 332, 1984.

Holotype: Japan. Ryukyu, Ishigaki Isl., Mt. Omoto, 470 m alt., on tree trunk in evergreen forest, 11 VII 1982, coll. T. Yamaguchi 2666.

Eucalyx boninensis Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 2: 142, 1934.

Holotype: Japan. Bonin Isls., Chichijima, Mt. Chuosan, 27 VII 1930, coll. Y. Horikawa 1940.

Haplozia rotundifolia Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 2: 144, 1934.

Holotype: Taiwan. Prov. Taihoku, Mt. Taiheizan (Minamoto), 23 VIII 1932, coll. Y. Horikawa 9300.

Jamesoniella brunnea Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 2: 146, 1934.

Holotype: Taiwan. Prov. Taihoku, Rahau, 13 VIII 1932, coll. Y. Horikawa 8838.

Jamesoniella verrucosa Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 2: 146, 1934.

Holotype: Taiwan. Prov. Tainan, Mt. Morrison (Tataka - Niitakashita), 19 VIII 1932, coll. Y. Horikawa 9166a.

Marchantia formosana Horik., J. Sci. Hiroshima Univ. ser. b, div. 2, 2: 121, 1934.

Holotype: Taiwan. Prov. Tainan, Mt. Morrison (Kodamayama - Tataka), 18 VIII 1932, coll. Y. Horikawa 9117.

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- Paratypes: Taiwan. Prov. Tainan, Mt. Arisan, 27 VII 1928, coll. A. Noguchi 131; Prov. Tainan, Mt. Arisan (Jujiro), 17 VIII 1932, coll. Y. Horikawa 8990; Prov. Taihoku, Mt. Taiheizan (Minamoto), 23 VIII 1932, coll. Y. Horikawa 9293.
- Plagiochasma nipponicum** Horik., Bot. Mag. Tokyo 51: 427, 1937.
- Paratype: Japan. Shikoku, Prov. Tosa, Ogawamura, 28 III 1924, coll. Y. Horikawa 197.
- Symphogyna rectidens** Grolle, Acta Bot. Fenn. 133: 68, 1986.
- Paratype: Papua New Guinea. Morobe Prov., N slopes of the Sarawaket Range, 2100-2400 m alt., 13 IX 1981, coll. D. H. Norris 66660.
- Telaranea iriomotensis** Yamaguchi et Mizutani, Misc. Bryol. Lichenol. 9: 161, 1983.
- Holotype: Japan. Ryukyu, Iriomote Isl., Urauchi Riv., 200 m alt., on moist boulder near stream, 23 VII 1982, coll. T. Yamaguchi 3331.
- 《蕨綱 Bryopsida》
- Andreaea cucullata** Dix. in Herz., Rep. Spec. Nov. Regn. Veg. 38: 102, 1935.
- Isotype: Africa Orient. Tanganyika, in Mt. Meru, ad rupes, gregaria, photophila, 3800-4500 m alt., IV 1934, coll. C. Troll 5802 (Verdoorn, Musci selecti et critici 3: 105).
- Atractylocarpus dicranoides** Dix., Farlowia 1: 28, 1943.
- Isotype: New Guinea. Supra P. Moresby, the Gap, corticola in silvis, 2400 m alt., XII 1935, leg. C. E. Carr 13718 (Verdoorn, Musci selecti et critici 5: 203).
- Barbula nipponica** Nog. var. **gracilis** Nog., J. Jap. Bot. 27: 286, 1952.
- Isotype: Japan. Kyushu, Kumamoto, Kuma, Isshouchi, 150 m alt., on limestone, XI 1951, coll. K. Mayebara s. n. (Noguchi & Hattori, Musci japonici 6: 253).
- Brachymenium brevicarpum** Ochi et Streim., Mem. New York Bot. Gard. 45: 615, 1987.
- Isotype: Papua New Guinea. Morobe Province, Aiuwa - Bakia Track, 3 km W of Aseki, 1500 m alt., 22 I 1981, coll. H. Streimann & E. Tamba 12306.
- Brachymenium condensatum** Williams, Bryologist 26: 2, 1923.
- Isotype: Mexico. Michoacan, Putzenaro, 8,000 ft., 21 XII 1891, C. G. Pringle, Plantae Mexicanae 762.
- Bryum bohnhoffii** C. Muell. ex Broth. in Engler et Prantl, Nat. Pfl. 1(3): 598, 1904.
- Isosyntyte: Sri Lanka. Auf nassen Felsplatten in des Namu-Dya-Schlucht, ca. 1600 m alt., I 1906, coll. Herzog s.n.
- Bryum denticulati-nervium** Ochi, J. Fac. Educ. Tottori Univ. Nat. Sc. 27(2): 34, 1977.
- Isotype: Argentina. Alrededores, Banfield, 11 VI 1936, coll. Kühnemann 171, in herb. Museo Argentino de Ciencias Naturales 2995.
- Calymperes carrii** Dix., Ann. Bryol. 9: 139, 1937.
- Isotype: New Guinea. Prope Kanosia, in paludosis, corticola ad arb. bases, ca. 0 m alt., II 1935, coll. C. E. Carr 11473 (Verdoorn, Musci selecti et critici 3: 115).
- Calymperes hyophilaceum** C. Muell. var. **robustum** Fleisch., Musci Fl. Buitenzorg 1: 265, 1904.
- Isotype: West-Java. Residenz Krawang bei Tjikao an Bäumen, Septbr. 1899, coll. Fleischer (Fleischer, Musci frond. arch. indici 6: 263).

Calymperes javanicum Fleisch., Musci Fl. Buitenzorg 1: 260, 1904.

Isotype: West-Java. Residenz Krawang am Berg Tjilalawi an Andesitfelsen, 700 m alt., coll. Fleischer (Fleischer, Musci frond. arch. indici 5: 206).

Calymperes tenerum C. Muell. var. **edamense** Fleisch., Musci Fl. Buitenzorg 1: 275, 1904.

Isotype: Java. Auf der Insel Edam in der Bai von Batavia an Baumrinde, Febr. 1898, coll. Fleischer (Fleischer, Musci frond. arch. indici 2: 63).

Calymperidium schiffnerianum Fleisch., Musci Fl. Buitenzorg 1: 220, 1904.

Isosyntyte: Java. Bei Tjibeurrum an Baumstämmen in lockeren Polstern, 1700m alt., März u. October 1899 (Fleischer, Musci frond. arch. indici 2: 62).

Campylium pulchrum Kanda, J. Sci. Hiroshima Univ. ser. b, div. 2, 15: 260, 1975 (1976).

Holotype: Japan. Hokkaido, Chitose, 50 m alt., on soil, 22 VII 1970, coll. H. Kanda 2312B.

Campylium rishiriense Kanda, J. Sci. Hiroshima Univ. ser. b, div. 2, 15: 259, 1975 (1976).

Holotype: Japan. Hokkaido, Rishiri Isl., Hime-numa, 140 m alt., on wet decayed wood, 26 VII 1973, coll. H. Kanda 8519B.

Drepanocladus fluitans (Hedw.) Warnst. var. **kutcharokensis** Kanda, J. Sci. Hiroshima Univ. ser. b, div. 2, 16: 59, 1976 (1977).

Holotype: Japan. Hokkaido, Kutcharoko, 50 m alt., in water, coll. H. Ando 2767.

Paratypes: Japan. Hokkaido, Kutcharoko, 50 m alt., 6 VIII 1951, coll. H. Ando 2761; 7 VIII 1971, coll. H. Kanda 4200b; VIII 1963, coll. Y. Yamada 122, in herb. H. Ando 24413.

Homaliodendron homoideum Horik. et Ando in Kira et Umesao, Nature and Life in Southeast Asia 3: 19, 1964.

Paratypes: Thailand. Doi Inthanon, 2000-2300 m alt., mossy forest, on trunk and ground, coll. K. Yoda 67610, 67620; 2300-2550 m alt., on trunk, coll. K. Yoda 67657, 67721, 67725, 67773, 67774, 67800, 67810, 67850.

Hypnum calcicolum Ando, J. Sci. Hiroshima Univ. ser. b, div. 2, 8: 167, 1958.

Holotype: Japan. Honshu, Saitama, Mt. Buko, on limestone, 22 VII 1951, coll. H. Ando 3366.

Hypnum cupressiforme Hedw. var. **yushanicum** Ando, Hikobia 11: 265, 1992.

Holotype: Taiwan. Nan-tow Hsien, Pa-tung-kan-Mt. Yu shan, 3115 m alt., on dead trunk of *Tsuga chinensis*, 19 III 1963, coll. S. Nakanishi 13138.

Hypnum densirameum Ando, J. Sci. Hiroshima Univ. ser. b, div. 2, 8: 13, 1957.

Holotype: Japan. Honshu, Pref. Hiroshima, Yamagata-gun, Togocho-cho, Mizunashigawa, 500 m alt., on decayed felled trunk, 6 V 1956, coll. H. Ando 21224.

Hypnum saitoi Ando, Acta Phytotax. Geobot. 33: 23, 1982.

Holotype: Hokkaido. Mt. Rakkodake - Mt. Tokachidake, 1370 m alt., 4 VIII 1956, coll. M. Saito 26718.

Hypnum sakuraii (Sak.) Ando var. **venustum** Ando, J. Sci. Hiroshima Univ. ser. b, div. 2, 8: 167, 1958.

Holotype: Japan. Kyushu, Pref. Kumamoto, Mt. Ichifusa, on rock, 12 I 1936, coll. K. Mayebara 513, in herb. HIRO 23337.

Hypnum tristoviride (Broth.) Par. var. **brevisetum**

Ando, J. Sci. Hiroshima Univ. ser. b, div. 2, 16: 12, 1976.

Holotype: Japan. Iwate, Mt. Hayachine, 1140 m alt., on trunk of *tsuga diversifolia*, coll. Ando 14419.

Mittenothamnium deguchii Nishimura et Kanda,

Bryologist 93: 275, 1990.

Isotype: Chile. Aisén, around Villa Pangal, 9 km north of Puerto Aisén, 100-150 m alt., in open *Nothofagus* forest, 25 XI 1981, coll. H. Deguchi 25810.

Orthotrichum truncatum Lewinsky et Deguchi,

Bryologist 92: 216, 1989.

Isotype: Chile. VIII Región, Prov. Bio Bio, between Laguna de la Laja and Chacay, east end of Antuco, 900-1200 m alt., in dry, open forest of *Austrocedrus chilensis* and *Nothofagus dombeyi*, 3 XII 1987, coll. H. Deguchi 31702d.

Paratypes: Chile. IX Región, Prov. Cautin, around Lago Conguillio, NE slope of Volcán Llaima, Parque Nacional Conguillio, 1100 m alt., in *Araucaria araucana* and *Nothofagus pumilio* forest, 20 XI 1987, coll. H. Deguchi 31153, 31154; VIII Región, Prov. Bio Bio, around Planta Hidroeléctrica, El Abanico, about 20 km E of Antuco, 850 m alt., in dry *Austrocedrus chilensis* and *Nothofagus dombeyi* forest, 4 XII 1987, coll. H. Deguchi 31715.

Pleuridium japonicum Deguchi, Matsui et Iwatsuki,

J. Hattori Bot. Lab. 75: 23, 1994.

Holotype: Japan. Shikoku, Kochi-ken, Nagaoka-gun, Ohtoyo-cho, Mt. Kajigamori, 1250 m alt., on soil in open grassland, 25 IV 1992, coll. H. Deguchi 32800.

Racomitrium vulcanicola Frisvoll et Deguchi in

Frisvoll, *Gunneria* 59: 167, 1988.

Isotype: Japan. Hokkaido, Prov. Kamikawa, Sorachi-gun, Kamifurano-cho, Mt. Furano, 1600 m alt., on rock, 5 VIII 1973, coll. H. Deguchi 12339.

Paratypes: Japan. Hokkaido, Isl. Rishiri, Mt. Rishiri, 28 VII 1953, coll. H. Ochi 333, in herb. Kawai 10323; Hokkaido, Prov. Tokachi, Kato-gun, Kamishihoro-cho, Mt. Nipesotsu, 1780 m alt., on rock, 11 VIII 1973, coll. H. Deguchi 12447; Hokkaido, Prov. Tokachi, Shintokuchō, Mts. Daisetsu, Mt. Tomuraushi, 900 m alt., on rock, 19 VII 1969, coll. H. Kanda 611; Hokkaido, Prov. Kamikawa, Kamikawa-gun, Kamikawa-cho, Mt. Kurodake - Mt. Hokkai, 1950 m alt., on rock, 1 VIII 1973, coll. H. Deguchi 12215; Hokkaido, Prov. Kamikawa, Kamikawa-gun, Kamikawa-cho, Mt. Hokkai-Mt. Haku'un, 2050 m alt., on rock, 1 VIII 1973, coll. H. Deguchi 12243; Hokkaido, Prov. Abashiri, Shari-gun, Shari-cho, Mt. Rausu, 1500 m alt., on rock, 14 VIII 1973, coll. H. Deguchi 12581; Hokkaido, Prov. Shiribeshi, Abuta-gun, Kutchan-cho, Mt. Yotei, 1800 m alt., on rock, 17 VIII 1973, coll. H. Deguchi 12615, 12649; Honshu, Shizuoka-ken, Mt. Fuji, 3400-3776 m alt., 3 VIII 1957, coll. I. Kawai 3586, 3588, 3595, 3598, 3600; Honshu, Nagano-ken, Shimoina-gun, Mt. Oku-hijiri, 2900 m alt., 9 VIII 1966, coll. F. Ito 570, in herb. Takaki 39777; Honshu, Yamanashi-ken, Nakakoma-gun, Ashiyasu-mura, Mt. Kitadake, 2920 m alt., 21 VIII 1974, coll. H. Deguchi 13242.

Sphagnum leucobryoides Yamaguchi, Seppelt et

Iwatsuki in Yamaguchi, Seppelt, Iwatsuki et Buchanan, *J. Bryol.* 16: 45, 1990.

Isotype: Australia. Tasmania, coll. A. M. Buchanan 9371.

Symphodon umesaoi Horikawa et Ando in Kira

et Umesao, *Nature and Life in Southeast Asia*

3: 26, 1964.

Holotype: Thailand, Doi Inthanon, mossy forest,
2000-2300 m alt., on trunk, 9 I 1958, coll. T.
Umesao in HIRO 67626.

引用文献

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