

BRYOPHYTA SELECTA EXSICCATA

published by

National Science Museum, Tokyo

edited by

Hiroshi INOUE

Fasc. IX (no. 401-450)

March 1, 1978

HEPATICAE

401. *Calypogeia integristipula* STEPH.
Spec. Hepat. 3: 394 (1908).
JAPAN: Mt. Kusatsu-Shirane, Kusatsu, Gunma Pref.
On moist humus, sometimes with *Cephalozia leucantha*, etc.; elevation about 1800 m.
Coll. S. ONO, July 21, 1975. Det. H. INOUE
402. *Calypogeia tosana* (STEPH.) STEPH.
Spec. Hepat. 3: 410 (1908).
JAPAN: Suzunokawa, Isl. Yakushima, Kagoshima Pref.
On moist soil along stream; elevation about 200 m.
Coll. S. ONO, March 20, 1975. Det. H. INOUE
403. *Chandonanthus cavallii* (GOLA) S. ARNELL
Ark. f. Bot. 3: 525 (1956).
TANZANIA: Philippia heath above Iind Bivouac, Mts. Kilimanjaro.
On volcanic rocks along ridge; elevation 3550-3800 m.
Coll. T. Pócs, September 22, 1972. Det. T. Pócs
404. *Drepanolejeunea cultrella* (MITT.) STEPH.
Spec. Hepat. 5: 324 (1913).
TANZANIA: East slope of Bondwa, Mts. Uluguru.
On leaves of *Marattia fraxinea*; elevation about 1600 m.
Coll. T. Pócs and B. J. HARRIS, May 1, 1970. Det. T. Pócs
405. *Herbertus aduncus* (DICKS.) GRAY
Nat. Arr. Brit. Pl. 1: 705 (1821).
JAPAN: Nt. Hachijo-Fuji, Isl. Hachijo, Izu Isls.
On bark of tree in moist forest; elevation about 700 m.
Coll. S. ONO, September 8, 1976. Det. H. INOUE
406. *Herbertus sakurii* (WARNST.) HATT.
Journ. Hattori Bot. Lab. 2: 6 (1947).
JAPAN: Western slope of Mt. Akadake, Mts. Yatsu, Nagano Pref.
On moist rock in *Abies-Tsuga* forest; elevation about 2700 m.
Coll. S. ONO, September 2, 1977. Det. H. INOUE
407. *Jungermannia caucasica* J. VÁŇA
Preslia 42: 96 (1970).
USSR: Mt. Mtirala, Adjaria, Georgia, Transcaucasia.
On ground of *Fagus orientalis-Rhododendron ponticum* forest; elevation about 1000 m.
Coll. T. Pócs and M. CÍCVIDZE, July 14, 1975. Det. J. VÁŇA

II

408. **Jungermannia comata** NEES
Hepat. Javanicae: 78 (1830).
INDONESIA: South slope of volcano Gunong Agung, Bali Isl.
On volcanic ashes of the 1963 eruption; elevation about 1300 m.
Coll. D. BALÁZS, February 28, 1965. Det. J. VÁŇA
409. **Jungermannia herzogiana** J. VÁŇA
Journ. Hattori Bot. Lab. 35: 314 (1972).
INDONESIA: Earlier crater of volcano Gunong Merapi, Java.
On volcanic ashes among stones; elevation about 2700 m.
Coll. D. BALÁZS, December 20, 1964. Det. J. VÁŇA
410. **Jungermannia infusca** (MITT.) STEPH.
Spec. Hepat. 2: 74 (1901).
JAPAN: Iwai-dani, Yuki-cho, Saeki-gun, Hiroshima Pref.
On moist rock along stream; elevation about 450 m.
Coll. H. INOUE, August 24, 1976. Det. H. INOUE
411. **Lejeunea aquatica** HORIK.
Sci. Rept. Tohoku Imper. Univ. ser. 4, 5: 643 (1930).
JAPAN: Yatogi Fall, Mt. Osuzu, Miyazaki Pref.
On moist rock near stream; elevation about 300 m.
Coll. H. INOUE, February 21, 1976. Det. H. INOUE
412. **Lejeunea parva** (HATT) MIZUT.
Misc. Bryol. Lichenol. 5: 178 (1971).
JAPAN: Yatogi Fall, Mt. Osuzu, Miyazaki Pref.
On bark of large tree along stream: elevation about 450 m.
Coll. H. INOUE, February 21, 1976. Det. H. INOUE
413. **Lepidozia vitrea** Steph.
Bull. Herb. Boiss. 5: 96 (1897).
JAPAN: Mt. Osuzu, north of Miyazaki-shi, Miyazaki Pref.
On moist bank along trail in *Quercus-Castanopsis* forest; elevation about 250 m.
Coll. H. INOUE, February 20, 1976. Det. H. INOUE
414. **Marsupella emarginata** (EHRH.) DUM. var. **aquatica** (LINDENB.) DUM.
Bull. Soc. Roy. Bot. Belgique 13: 126 (1874).
U. S. A.: Around Cape Thompson, Alaska.
On wet soil in tundra in swamp area; elevation about 50 m.
Coll. H. INOUE, July 4, 1973. Det. H. INOUE
415. **Pallavicinia longispina** STEPH.
Bull. Herb. Boiss. 5: 102 (1897).
JAPAN: Mt. Osuzu, north of Miyazaki-shi, Miyazaki Pref.
On moist rock along stream; elevation about 250 m.
Coll. H. INOUE, February 20, 1976. Det. H. INOUE
416. **Plagiochila fruticosa** MITT.
Journ. Proc. Linn. Soc. London 5: 94 (1861).
JAPAN: Mt. Osuzu, north of Miyazaki-shi, Miyazaki Pref.
On moist rock along small stream; elevation about 200 m.
Coll. H. INOUE, February 19, 1976. Det. H. INOUE

417. **Plagiochila neorichardsii** INOUE
 Bull. Nat. Sci. Mus. Tokyo, ser. B, 3: 135 (1977).
 MEXICO: Sierra Juarez, above Valle Nacional, Oaxaca.
 On tree trunk in a partially shaded place; elevation 2900 m.
 Coll. D. RICHARDS, A. J. and E. SHARP, (Isotype!) September 5, 1974. Det. H. INOUE
418. **Plagiochila orbicularis** (HATT.) HATT.
 Journ. Hattori Bot. Lab. 3: 26 (1948).
 JAPAN: Tanaga Valley, Kumanogawa, Higashi-muro, Wakayama Pref.
 On moist rock at shaded place; elevation 200 m.
 Coll. T. KODAMA, December 24, 1975. Det. H. INOUE
419. **Plagiochila semidecurrens** (LEHM. et LINDBG.) LEHM. et LINDBG.
 In GOTT., LINDBG. & NEES, Synop. Hepat.: 59 (1844).
 JAPAN: Mt. Hachijo-fuji, Isl. Hachijo, Izu Isls.
 On bark in dense forest at summit area; elevation about 800 m.
 Coll. H. INOUE, September 8, 1976. Det. H. INOUE
 Note: Plants with very brittle leaves; sometimes with *Plagiochilion oppositus!*
420. **Radula stenocalyx** MONT.
 Ann. Sci. Nat. Bot. 3: 315 (1855).
 TANZANIA: East slope of Bondwa, Uluguru Mts.
 On living leaves in very wet montane rain forest; elevation 1600 m.
 Coll. T. Pócs and B. J. HARRIS, May 1, 1970. Det. T. Pócs
421. **Scapania ampliata** STEPH.
 Bull. Herb. Boiss. 5: 106 (1897).
 JAPAN: Aokigahara National Forest, north slope of Mt. Fuji, Yamanashi Pref.
 On humus in *Tsuga-Abies* forest; elevation about 1000 m.
 Coll. H. INOUE, August 2, 1977. Det. H. INOUE
422. **Scapania bolanderii** Aust.
 Proc. Acad. Nat. Sci. Philad. 1869: 281 (1869).
 JAPAN: Western slope of Mt. Akadake, Mts. Yatsu, Nagano Pref.
 On decaying wood in *Abies-Tsuga* forest; elevation about 2500 m.
 Coll. S. Ono, September 2, 1977. Det. H. INOUE
423. **Spruceanthus polymorphus** (S. LAC.) VERD.
 Ann. Bryol. suppl. 4: 155 (1934).
 JAPAN: Mikiura, Owase, Mie Pref.
 On bark along stream; elevation about 50 m.
 Coll. K. YAMADA and S. OGASAWARA, August 27, 1977. Det. H. INOUE
424. **Spruceanthus semirepandus** (NEES) VERD.
 Ann. Bryol. suppl. 4: 153 (1934).
 JAPAN: Mt. Osuzu, north of Miyazaki-shi, Miyazaki Pref.
 On moist rock along stream; elevation about 250 m.
 Coll. H. INOUE, February 20, 1976. Det. H. INOUE
425. **Tritomaria quinquentata** (HUDS.) BUCH
 Mem. Soc. Fauna Fl. Fenn. 8: 290 (1932).
 U. S. A.: Around Cape Thompson, Alaska.
 On tundra, among tussock of *Carex* sp., swamp area; elevation 100 m.
 Coll. H. INOUE, July 4, 1973. Det. H. INOUE

MUSCI

426. **Amphidium mougeotii** (B. S. G.) SCHIMP.
Coroll.: 39 (1856).
JAPAN: Daimyojin Valley, Sugadaira, Nagano Pref.
On moist cliff; elevation about 1200 m.
Coll. K. SAITO, August 19, 1971. Det. K. SAITO
427. **Anoetangium thomsonii** MITT.
Journ. Linn. Soc. Bot. suppl. 1: 31 (1859).
JAPAN: Kaeda Valley, near Mt. Boroishi, Miyazaki-shi, Miyazaki Pref.
On moist cliff along trail; elevation about 100 m.
Coll. H. INOUE, November 17, 1977. Det. Z. IWATSUKI
428. **Aulacomnium palustre** (HEDW.) SCHWAEGR.
Spec. Musc. Suppl. 3: 216 (1827).
U. S. A.: Around Cape Thompson, Alaska.
On tundra on calcareous south slope of hill; elevation about 50 m.
Coll. H. INOUE, July 5, 1977. Det. Z. IWATSUKI
429. **Aulacomnium turgidum** (WAHLENB.) SCHWAEGR.
Spec. Musc. Suppl. 3: 7 (1827).
U. S. A.: Mead River Camp, about 60 miles South of Barrow, Alaska.
On wet tundra; elevation about 100 m.
Coll. H. INOUE, July 13, 1977. Det. Z. IWATSUKI
430. **Breutelia stricticaulis** DIX.
Smiths. Misc. Coll. 69: 21 (1918).
KENYA: Western slope of Mt. Kenya.
On mossy ground in open ericaceous forest; elevation 2500 m.
Coll. D. BALÁZS, January 20, 1968. Det. De SLOOVER
431. **Campylopus procerus** (C. MUELL.) PAR.
Ind. Bryol.: 258 (1894).
KENYA: Western slope of Mt. Kenya.
On mossy ground in open ericaceous forest; elevation 2500 m.
Coll. D. BALÁZS, January 20, 1968. Det. M. BIZOT
432. **Conostomum tetragonum** (WITH.) LINDB.
Oefv. K. Vet. Ak. Foerh. 20: 392 (1863).
U. S. A.: Mead River Camp, about 60 miles south of Barrow, Alaska.
On rather dry soil in tundra; elevation about 100 m.
Coll. H. INOUE, July 14, 1973. Det. Z. IWATSUKI
433. **Dicranodontium uncinatum** (HARV.) JAEG.
Ber. S. Gall. Naturw. Ges. 1877-8: 380 (1880).
JAPAN: Mt. Mochomu, Isl. Yakushima, Kagoshima Pref.
On moist rock in ever-green forest; elevation about 600 m.
Coll. K. SAITO, February 18, 1971. Det. Z. IWATSUKI
434. **Dicranum japonicum** MITT.
Trans. Linn. Soc. London Bot. 3: 155 (1891).
JAPAN: Aokigahara National Forest, north slope of Mt. Fuji, Yamanashi Pref.
On humus in *Tsuga diversifolia* forest; elevation about 100 m.
Coll. H. INOUE, August 2, 1977. Det. Z. IWATSUKI

435. *Dicranum johnstonii* MITT.
 Journ. Linn. Soc. Bot. 22: 300 (1886).
 KENYA: Western slope of Mt. Kenya.
 On mossy ground; elevation about 3000 m.
 Coll. D. BALÁZS, January 20, 1968. Det. M. BIZOT
436. *Didymodon rigidulus* HEDW. var. *acutus* BIZOT
 Acta Bot. Acad. Sci. Hung. 18: 21 (1973).
 TANZANIA: Above Mbeya, Mbeya Mts.
 On ground; elevation 1850 m.
 Coll. D. BALAZS, February 7, 1968 (Isotype!). Det. M. BIZOT
437. *Distichophyllum maibarae* BESCH.
 Journ. de Bot. 13: 40 (1899).
 JAPAN: Oshibuchi, Nansei-cho, Mie Pref.
 On moist rock around small fall; elevation about 100 m.
 Coll. K. YAMADA, December 14, 1975. Det. Z. IWATSUKI
438. *Fissidens grandifrons* BRID. var. *planicaulis* (BESCH.) NOGUCHI
 Journ. Hattori Bot. Lab. 7: 68 (1952).
 JAPAN: Todoroki Fall, Kaifu-gun, Tokushima Pref.
 Moist rock around water-fall; elevation about 300 m.
 Coll. K. SAITO, October 13, 1970. Det. Z. IWATSUKI
439. *Fissidens subarboreus* BROTH. et P. VARDE
 Bull. Soc. Bot. France 74: 143 (1927).
 WEST AFRICA: Owendo near Libreville, Gabon.
 On tree-trunk; elevation 10–40 m.
 Coll. D. BALAZS, November 15, 1967. Det. M. BIZOT
440. *Floribundaria aurea* (MITT.) BROTH. subsp. *nipponica* (NOGUCHI) NOGUCHI
 Journ. Hattori Bot. Lab. 41: 283 (1976).
 JAPAN: Mt. Kajigamori, Kochi Pref.
 On twigs of tree along stream; elevation about 1000 m.
 Coll. H. INOUE, October 12, 1970. Det. Z. IWATSUKI
441. *Hylocomium brevirostre* (BRID.) B. S. G. var. *cavifolium* (S. LAC.) NOGUCHI
 Journ. Jap. Bot. 36: 117 (1961).
 JAPAN: Mt. Iwaya, Ehime Pref.
 On moist rock in *Cryptomeria japonica* forest; elevation about 500 m.
 Coll. H. INOUE, October 21, 1970. Det. Z. IWATSUKI
442. *Hyophila crenulata* C. MUELL. ex DUS.
 K. Svensk. Vet. Ak. Handl. 28: 46 (1895).
 CHAD: Near Bebo, south of Lai town, southern Chad.
 On sandstone cliff; elevation about 400 m.
 Coll. D. BALÁZS, June 3, 1967. Det. M. BIZOT
443. *Hypnum plumaeforme* WILS.
 London Journ. Bot. 7: 277 (1848).
 JAPAN: Aokigahara National Forest, northern slope of Mt. Fuji, Yamanashi Pref.
 On humus in *Tsuga diversifolia* forest; elevation about 1000 m.
 Coll. H. INOUE, August 2, 1977. Det. Z. IWATSUKI

444. **Hypnum sakurai** (SAK.) ANDO
 Journ. Sci. Hiroshima Univ. ser. B, div. 2, 8: 189 (1958).
 JAPAN: Iwai-dani, Yuki-cho, Saeki-gun, Hiroshima Pref.
 On moist rock along stream; elevation about 450 m.
 Coll. H. INOUE, August 24, 1976. Det. H. ANDO
445. **Isopterygium albescens** (HOOK.) JAEG.
 Ber. S. Gall. Naturw. Ges. 1876-7: 433 (1878).
 JAPAN: Kaeda Valley, near Mt. Boroishi, Miyazaki-shi, Miyazaki Pref.
 On decaying wood; elevation about 100 m.
 Coll. H. INOUE, November 17, 1977. Det. Z. IWATSUKI
446. **Myurium assimile** (BROTH.) SEKI
 Journ. Sci. Hiroshima Univ. ser. B, div. 2, 12: 73 (1969).
 JAPAN: Kaeda Valley, near Mt. Boroishi, Miyazaki-shi, Miyazaki Pref.
 On moist rock along trail; elevation about 100 m.
 Coll. H. INOUE, November 17, 1977. Det. Z. IWATSUKI
447. **Rhacomitrium durum** (C. MUELL.) PAR.
 Ind. Bryol.: 1073 (1898).
 KENYA: Along Naro Mori track on western slope of Mt. Kenya.
 On rock around forest line; elevation about 3000 m.
 Coll. D. BALÁZS, January 20, 1968. Det. M. BIZOT
448. **Tomentohypnum nitens** (HEDW.) LOESK.
 Deutschl. Bot. Monatschr. 22: 82 (1911).
 U. S. A.: Around Barrow, Alaska.
 On humus in wet tundra; elevation about 10 m.
 Coll. H. INOUE, June 19, 1973. Det. Z. IWATSUKI
449. **Tortella tortuosa** (HEDW.) LIMPR.
 Laubm. 1: 604 (1888).
 JAPAN: Around Jumonji-Pass, Chichibu Mts., Saitama Pref.
 On moist limestone cliff; elevation about 1800 m.
 Coll. K. SAITO, May 4, 1971. Det. K. SAITO
450. **Trachyphylium fabronioides** (C. MUELL.) GEPP
 In HIERN, Cat. Welw. Afr. Pl. 2: 299 (1901).
 TANZANIA: "Natural Bridge" near Lugombo, Rungwe District.
 On rock; elevation about 1200 m.
 Coll. D. BALÁZS, February 9, 1968. Det. M. BIZOT

 CORRECTION

Fasc. VIII, No. 356: **Frullania brasiliensis** RADDI. The specimen was found to be mixed with *Frullania* sp. (subgen. *Meteoriopsis* SPR.); this latter species has been identified as *F. atrosanguinea* TAYL. ex SPR. or *F. convoluta* LINDBG. et HAMPE in earlier literature, but it differs from them by the entire margins of the female bracts and bracteoles and by the sharply mucronate leaf-apices. This might represent a new species (S.R. GRADSTEIN).