

BRYOPHYTES OF ASIA

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- 626 **Brotherella nakanishikii** (Broth.) Nog. Japan. Kyushu, Fukuoka-ken, Tagawa-gun, Soeda-machi, Mt. Hikosan, Houheiden – Kanaishi-jizou – Onisugi – Minamidake – Nakadake, 33°28'15.9"N, 130°55'10.1"E, 810 m alt., on rotten log. 16 September 2009, coll. & det. T. Yamaguchi 31635.
- 627 **Bryoxiphium norvegicum** (Brid.) Mitt. subsp. **japonicum** (Berggr.) Á.Löve & D.Löve Japan. Kyushu, Fukuoka-ken, Tagawa-gun, Soeda-machi, Mt. Hikosan, Houheiden – Bonjiwa – Minamidake – Nakadake, 33°28'40.0"N, 130°54'53.3"E, 760 m alt., on rock face. 14 September 2009, coll. & det. T. Yamaguchi 31334.
- 628 **Forstroemia japonica** (Besch.) Paris Japan. Honshu, Hiroshima-ken, Yamagata-gun, Kita-hiroshima-cho, Mt. Garyu, ca. 1,000 m alt., on trunk of *Fagus crenata*. 28 May 1987, coll. H. Harada & T. Matsui, det. T. Yamaguchi.
- 629 **Gollania ruginosa** (Mitt.) Broth. Japan. Honshu, Hiroshima-ken, Jinseki-gun, Jinsekikogen-cho, Nagano, Taishaku River, near Taishaku-gawa dam, 34°49'40.26"N, 133°14'01.17"E, 400 m alt., on limestone. 19 December 2010, coll. & det. T. Yamaguchi 33223.
- 630 **Haplohymenium pseudotriste** (Müll.Hal.) Broth. Japan. Ogasawara Isls., Chichijima Isl., Mt. Chuozan, Higashidaira (Tokyo-to, Ogasawara-shicho, Ogasawara-mura), 27°04'24.2"N, 142°13'19.8"E, 230 m alt., on tree trunk. 22 September 2019, coll. & det. T. Yamaguchi 39627.
- 631 **Homaliadelphus targionianus** (Mitt.) Dixon & P.de la Varde Japan. Honshu, Hiroshima-ken, Jinseki-gun, Jinsekikogen-cho, Nagano, Taishaku River, near Taishaku-gawa dam, 34°49'40.14"N, 133°14'02.16"E, on limestone. 19 December 2010, coll. & det. T. Yamaguchi 33229.
- 632 **Hypopterygium flavolimbatum** Müll.Hal. Japan. Kyushu, Oita-ken, Usuki-shi, Higashi-kono, 33°02'56"N, 131°47'46"E, 605 m alt., on limestone at open site. 2 October 2019, coll. & det. Y. Inoue 7125.
- 633 **Isopterygium albescens** (Hook.) A.Jaeger & Sauerb. Japan. Ogasawara Isls., Chichijima Isl., Nakayama Pass (Tokyo-to, Ogasawara-shicho, Ogasawara-mura), 27°03'32.2"N, 142°11'42.2"E, 60 m alt., on rotten log. 22 September 2019, coll. & det. T. Yamaguchi 39601.
- 634 **Leucobryum bowringii** Mitt. Japan. Ryukyu, Okinawa Isl., Mt. Yonaha (Okinawa-ken, Kunigami-gun, Kunigami-son), 450 m alt., on soil. 19 December 1985, coll. & det. T. Yamaguchi 9268.
- 635 **Leucobryum javense** (Brid.) Mitt. Japan. Ryukyu, Amami-ohshima Isl., Mt. Yuwan (Kagoshima-ken, Ohshima-gun, Uken-son), 670 m alt., on humus. 31 December 1994, coll. & det. T. Yamaguchi 9054.
- 636 **Leucobryum juniperoideum** (Brid.) Müll.Hal. Japan. Honshu, Hiroshima-ken, Higashi-hiroshima-shi, Mt. Gagara, 250 m alt., on soil. 12 February 1992, coll. & det. T. Yamaguchi 39812.
- 637 **Leucobryum scabrum** Sande Lac. Japan. Honshu, Hiroshima-ken, Hatsukaichi-shi, Miyajima-cho, Miyajima Isl., Mt. Misen, Makiwa, ca. 300 m alt., on humus. 30 May 1986, coll. M. Higuchi, det. T. Yamaguchi 9323.

- 638 **Leucodon sapporensis** Besch. Japan. Kyushu, Oita-ken, Tsukumi-shi, Nakamura, 33°03'06"N, 131°48'18"E, 712 m alt., on limestone at open site. 2 October 2019, coll. & det. Y. Inoue 7118.
- 639 **Meteorium buchananii** (Broth.) Broth. subsp. **helminthocladium** (Cardot) Nog. Japan. Kyushu, Oita-ken, Tsukumi-shi, Nakamura, 33°03'06"N, 131°48'18"E, 712 m alt., on limestone at open site. 2 October 2019, coll. & det. Y. Inoue 7117.
- 640 **Neckeropsis calcicola** Nog. Japan. Kyushu, Oita-ken, Usuki-shi, Higashi-kono, 33°02'56"N, 131°47'46"E, 605 m alt., on limestone at open site. 2 October 2019, coll. & det. Y. Inoue 7126.
- 641 **Okamuraea hakoniensis** (Mitt.) Broth. Japan. Honshu, Hiroshim-ken, Hiroshima-shi, Saeki-ku, Yuki-cho, Egedani, 34°29'28.7"N, 132°19'05.9"E, 420 m alt., on tree trunk. 28 November 2009, coll. & det. T. Yamaguchi 31905.
- 642 **Orthomnion maximoviczii** (Lindb.) T.J.Kop. & Y.Sun Japan. Honshu, Hiroshima-ken, Yamagata-gun, Akiota-cho, Nebudani, on soil. 31 May 1986, coll. M. Higuchi, det. T. Yamaguchi.
- 643 **Yakushimabryum subintegrum** (Tixier) H.Akiyama Japan. Izu Islands, Hachijo Isl., Mt. Mihara, Mihara forest road – the summit (Tokyo-to, Hachijo-shicho, Hachijo-machi), 33°05'31.09"N, 139°48'41.48"E, 680 m alt., on tree trunk. 3 September 2010, coll & det. T. Yamaguchi 32248.
- 644 **Apopellia endiviifolia** (Dicks.) Nebel & D.Quandt Japan. Honshu, Niigata-ken, Tsubame-shi, Watabe, 37°39'21"N, 138°47'16"E, 70 m alt., on wet concrete. 10 November 2014, coll. & det. T. Yamaguchi 34881.
- 645 **Frullania zennoskeana** S.Hatt. Japan. Ogasawara Isls., Chichijima Isl., Tokoyonotaki Falls (Tokyo-to, Ogasawara-shicho, Ogasawara-mura), 27°03'31.3"N, 142°12'19.0"E, 20 m alt., on lava cliff. 21 September 2019, coll. & det. T. Yamaguchi 39545.
- 646 **Lophocolea heterophylla** (Schrad.) Dumort. Japan. Honshu, Hiroshima-ken, Shobara-shi, Mt. Fukudagashira, 780 m alt., on decayed log of *Cryptomeria japonica*. 24 June 2013, coll. T. Seki, det. T. Katagiri.
- 647 **Lopholejeunea eulopha** (Taylor) Schiffn. Japan. Ogasawara Isls., Chichijima Isl., Tokoyonotaki Falls (Tokyo-to, Ogasawara-shicho, Ogasawara-mura), 27°03'25.2"N, 142°12'20.8"E, 50 m alt., on wet lava cliff along stream. 22 September 2019, coll. & det. T. Yamaguchi 39591.
- 648 **Plagiochila orbicularis** (S.Hatt.) S.Hatt. Japan. Shikoku, Kochi-ken, Nagaoka-gun, Otoyo-cho, Mt. Kajigamori, Okunoin – Manai Fall, ca. 1,000 m alt., on boulder. 3 May 2004, coll. H. Deguchi 36879, det. T. Yamaguchi.
- 649 **Riccardia baumannii** Hürl. Japan. Ryukyu, Iriomote Isl., from Ootomi to the upper stream of Urauchi Riv. (Okinawa-ken, Yaeyama-gun, Taketomi-cho), 24°18'50.99"N, 123°50'32.56"E, 200 m alt., on moist rotten log near stream. 10 March 2011, coll. & det. T. Yamaguchi 33327.
- 650 **Scapania ampliata** Steph. Japan. Honshu, Yamanashi-ken, Minami-Alps-shi, Mt. Kitadake, Hirogawara – Shiranaoike, 35°41'18.85"N, 138°15'08.35"E, 2,170 m alt., on limestone. 13 September 2015, coll. Y. Sakamoto, det. T. Yamaguchi.