Contributions to the Bryological Flora of Eastern Asia. (VII)

By

Yoshiwo HORIKAWA

78) Anthelessia Juratzkana (LIMPRICH) TREVISAN in Mem. Ist. Lomb. 3 (1877) p. 416.

Anthelessia nivalis LINDBERG, Muse. scand. (1879) p. 5.

Hab. On damp rocks in the alpine region.

The present species is a new addition on the flora of Japanese Territory.


Jungermannia crocata DE NOTARIS in Mem. Acad. Torino, II. 1 (1839) p. 323.
Lophocolea heterophylla var. minor DOUIN in Rev. Bryol. XXXIV (1907) p. 23.


Hab. On decayed logs.

The species is new to the flora of Saghalien.

80) Chiloscythus polyanthus (LINNÆUS) CORDA in OPIZ, Beitr. I (1829) p. 651.


Hab. In swamps.

Kuriles: Syakotan, ins. Sikotan (Y. HORIKAWA, Aug. 9, 10, 1938).
The present species is a new addition to the flora of the Kuriles.


Hab. On the bark of trees.


The species is new to Saghalien.


Hab. On the barks and rock-cracks.


This species is new to the floras of Hokkaido & Saghalien.

83) **Fossombronia Wondraczehi** (Corda) Dumortier, Rec. d’observ. (1835) p. 11.


Hab. On bare, moist footpaths.


This species is not only new to the flora of Japanese Territory, but also to the Eastern Asia.


Pellia endiviaefolia Dumortier, Rec. d’obs. (1835) p. 27.
Jungermannia calycina Taylor in Mackay, Fl. Hibern. 2 (1836) p. 55.
Marsilia endiviaefolia Lindberg, Muse. seand. (1879) p. 10.
Hab. On wet banks.
Hokkaido: Kamizi, prov. Tesio (Y. Horikawa, Sept. 20, 1939); Sizukari, prov. Iburi (Y. Horikawa, Sept. 22, 1939).
This species is new to the floras of Hokkaido and Saghalien.

Jungermannia Blasia Hooker, Brit. Jungerm. (1816) tab. 83 et 84.
Hab. On the moist banks.
This species is new to the flora of Saghalien.


Hab. On wet soil in sheltered places.


This is a new addition to the flora of Saghalien.

87) **Conocephalus supradecompositus** (Lindberg) Stephani in Bull. Herb. Boiss. V (1897) p. 82.


Hab. On moist shady soil.


The species is new to the flora of Saghalien.


*Eustichia japonica* Berggr. in Flora (1881) p. 290.


Hab. On damp shaded rocks.
This is new to the flora of Saghalien.

var. *minor* Horikawa, var. nov.
Planta fere humilior quam typo, seta vulgo 8 mm longa.
Hab. On earth along footpaths.


*Bryum hygrometricum* Scopoli, Fl. Carn. (1760).
*Kelytenteria hygrometrica* Hedwig, Fund. Muse. I (1781) t. 5.
Hab. On earth.

New to the flora of Saghalien!


*Mnium pellucidum* Linnaeus, Sp. plant. II (1753) p. 1109.
*Tetraphis cylindrica* Voit, M. Herbip. (1812) p. 17.
Hab. On the decayed woods.

Saghalien: Toyohara, prov. Toyohara (Y. Horikawa, Sept. 13, 1939); Kiminai, prov. Ôtomari (S. Sugawara, Sept. 30, 1939); Hattyôrei, prov.
Otomari (Y. Horikawa, Sept. 17, 1939).

New to Saghalien!


*Hypnum argenteum* SCHRANK, Bayer. Fl. (1789) p. 469.

*Mnium argenteum* HOFFMANN, Deutsch. Fl. II (1796) p. 51.


Hab. On earth.


New to Saghalien!

93) *Mnium undulatum* (LINNÆUS) WEIS, Pl. crypt. fl. Göt. (1870) p. 158.


*Bryum ligulatum* SCHREB., Spic. Fl. Lips. (1771) p. 84.


*Hypnum undulatum* SCHRANK, Bayer. Fl. II (1789) p. 474.

*Polytrichum undulatum* SCHRANK, Prim. fl. Salisb. (1792) p. 223.


Hab. On earth.


This species is new to the flora of Saghalien!

94) *Aulacomnium androgynum* (LINNÆUS) SCHWÆGRICHER, Suppl. III, P. I, fasc. 1 (1827) Mon. p. 2.


*Hypnum androgynum* SCHRANK, Bayer. Fl. II (1789) p. 469.

*Gymnocybe androgyna* FRIES, St. agr. femsj. (1825) p. 27.
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Nom. Jap. Komoti-nagami-tyōtingoke (nov.)
Hab. On wet soil.


The present species is new to Asia!

95) **Aulacomnium heterostichum** (Hedwig)

Bruch et Schimper, Bryol. europ. IV, fasc. 10, (1836–51); Mon. p. 7.


*Mnium heterostichum* Bridel, Bryol. univ. II (1827) p. 12.

Hab. On moist humus.

New to Saghalien!

96) **Philonotis fontana** (Linnaeus) Bridel, Bryol. univ. II (1827) p. 18.


*Bryum fontanum* Schreber, Spie. Fl. Lips. (1771) p. 75.

*Hypnum fontanum* Schrank, Bayer. Fl. II (1789) p. 472.

Hab. In springs or wet places.

Saghalien: Mt. Suzuyadake, prov. Toyohara (Y. Horikawa, Sept. 14, 1939); Kiminai, prov. Ōtomari (S. Sugawara, Sept. 30, 1939); Mt. Tainandake, ins.


*Neckera nitidula* Brotherus in Hedwigia XXXVIII (1899) p. 228.


Hab. On earth among rocks.


This species is new to Saghalien!

98) *Pogonatum urnigerum* (Linnaeus) Palisot de Beauvois, Prodr. (1805) p. 84.


*Polytrichum dubium* Scopoli, Fl. carn. (1760) p. 136.

*Bryum urnigerum* Necker, Delic. gallo-belg. II (1768) p. 462.


Hab. Rocky ridges and gravelly banks.


New to Saghalien!
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ノ細胞へ薄側ヲ具へテ形ハ前者ヨリモ大キテ、雌雄同株、花被ハ短キ卵形。
83) 同ジク海馬島ノ臺南岳＝テ山道＝生ジテキテ成熟ヲタ 立派ナ造胞體ヲ
具へタ Fossombronia 属ノモノヲ筆者へ澤山＝採集シタガ、精検スルトコレハ
歐洲・ヒマラヤ・北米＝分布スル Fossombronia Wondraczcki (CORDA) DUM．ト
殆ド區別ガツカナイノデ本種＝當テルコト＝スル。東亜＝ハ全ク初メテノ種
デアル。

89) Trematodon longicollis Michx. ゆみだいごけヘ同屬中デモノシ柄ガ長ク
(2-3 cm) 蒴胞ノ頭部へ長クシテ明＝雑stär状ヲナスコト＝テ有名デアルガ、今回
ノ様太ノ臺南岳＝筆者＝得タモノヘ寫眞＝モノ見ラレル 如ク全體ガ非常＝小サ
ク、柄柄モ長サ 8 mm＝過ギズ、妓＝ソノ新変種 Tr. longicollis Michx. var.
minor ト名ヲツケル。

94) Aulacomnium androgynum (L.) Schwaegr. ハヒモどけ属(Aulacomnium)
中只一種＝テ特別ナ属 Orthopyxis ハ代表スル極メテ特徴アルモノ＝シテ四
季ヲ通ジテ茎ノ先端ヘ直立シテ長ク伸ビ Pseudopodia ラナシ、ソノ先端＝ハ
多クノ有柄＝紡錘形ノ無性芽数ヲ球狀＝着生スル 顯著＝デアル。長イ間欧州ト
北米＝ノミ知ラレ、東亜＝ハ (KABIERSCH 等ノ如キオーテノ学者達＝) 分布シ
ナイ例トシテ現今尚ホヨク引合＝出サレテキルガ、筆者＝ハ数年前カラ本種ガ北
海道ノ北部＝樺太ノ泥炭地＝ハ可ナリ普通＝而モ多量＝産スルコトヲ自ラノ採
集＝ヨツテ知ツテキタノデアル。