

Potamogeton tubulatus Hagstr. nov. sp.

Caulis tereo-subcompressus basi ramosus; anatomia: Ep. + Fasc. subep. debiliss. v. OO + O-end. + cc circ. Folia uniformia pusilloidea linearia, $35 \times 0,75$ mm., trinervia, sat valde mucronata, basi fere rotundata, biloc. Nervus medius lacunatus, laterales obscuri ab ipso apice folii sat distanter confluentes; venæ transversales perpaucae obscuræ. Ligulæ connatæ, apice rotundatæ, 5—7 mm. longæ, in intercarinali parte 5—7-nervatæ. Turiones iis *P. panormitani* simillimi, sed sine foliis patentibus. Fructus non visus.

Pamir, stagnant water and spring near Yeshil-kul, 3800 m., 2nd Sept. 1894 (sterile).

This new species is very like *P. pusillus*, but it differs in the following respects: the sheaths, the turiones, the tips of the leaf-blades with more distinct mucro, the rounded blad-bases and the anastomosing lateral nerves. From *P. panormitanus* it is more difficult to distinguish, but the sheaths are few-nerved, the turiones without patent leaves, the tips of the leaves more rounded, the leaves lacunose; the main-nerves of the leaves are of the same shape as in *P. pusillus*, and the sclerenkyma is more faintly developed, besides it has the habit of *P. pusillus*. (Note by the Rev. O. HAGSTRÖM.)

Potamogeton filiformis Pers., Synops. I (1805) 152; Ascherson und Graebner, l. c., 126; Hagström, in Kgl. Sv. Vet. Akad. Handl. 55 (1916) 14.

Eastern *Pamir*, Little Kara-kul, 3720 m., 17th July 1894 (flowering).

var. *linipes* Hagstr., in Bot. Notis. (1905) 142; in Kgl. Sv. Vet. Akad. Handl. 55 (1916) 17.

Tibet, without locality.

var. *tibetanus* Hagstr., l. c. (1905) 142; (1916) 19.

Eastern *Pamir*, Tjækker-agil, freshwater lake, 3319 m., 22nd July 1895 (sterile); spring at Bulun-kul, 3405 m., 23rd July 1895 (sterile); lower Basik-kul, 3727 m., 23rd July 1894 (flowering); Basik-kul, 3727 m., 21st July 1894 (sterile).

Northern *Tibet*, Upper Kum-köl, freshwater lake (Camp XVI), 3882 m., 28th July 1900.

Geogr. area (of the species): Cold and temperate regions of the northern hemisphere.

Potamogeton rostratus Hagstr., in Kgl. Sv. Vet. Akad. Handl. 55 (1916) 27.

Northern *Tibet*, Temirlik, Camp VII, 2961 m., 10th July 1900 (flowering).

Geogr. area: Mongolia.

Potamogeton recurvatus Hagstr., in Kgl. Sv. Vet. Akad. Handl. 55 (1916) 37; *P. filiformis* Hagstr., in Bot. Notis. (1905) 141; not Pers.

S. E. *Tibet*, small somewhat brackish lake near Camp XIV, 4968 m., 28th Aug. 1896 (sterile); Eastern *Tibet*, Camp LXVI, in a lake, 26th Aug. 1901; lake, 4674 m., 12th Sept. 1901; Camp LXXVIII and Camp LXXIX, Naktsong-tso, a little freshwater