

in Acta horti Petrop. XXI (1903) 170, XXIV (1904) 15, (1905) 29, XXVIII (1907) 25, (1909) 50; Keissler, in Ann. naturhist. Hofmus. Wien XXII (1907) 30; Danguy, in Bull. Mus. d'hist. nat. XIV (1908) 132, XVII (1911) 345.

Eastern *Pamir*, East-shore of Little Kara-kul, 3720 m., 16th July 1894 (flowering).

Northern *Tibet*, Camp XIV, 4968 m., 28th Aug. 1896. Camp XXI, 4965 m., 7th Sept. 1896 (det. Hemsley and Pearson).

S. W. Tibet, Between Camp CLXXXIX, Dongbo, 4598 m., and Camp CXC, Tuksum, 4596 m., valley of Upper Tsangpo, 1st July 1907 (flowering).

*Geogr. area*: Tian-shan, Himalaya.

var. *rubicundum* O. Pauls. nov. var., calycibus brevibus (11 mm. longis, dum 15—19 mm. longitudo normalis), ± rubro-tinctis, foliis cordatis, in petiolum vix decurrentibus.

Northern *Tibet*, Camp XVI, upper Kum-köl, 3882 m., 28th July 1900 (flowering); Eastern Tibet, Camp LXVI 4863 m., 26th Aug. 1901 (w. young fruits).

*Dracocephalum stamineum* Karelin et Kirilow, in Bull. nat. Moscou (1842) 423; Ledeb. fl. ross. III (1846—51) 384; Hook. f., Fl. Brit. Ind. IV (1885) 666; Fedtschenko, in Acta horti Petrop. XXI (1903) 120, XXVIII (1909) 50.

Eastern *Pamir*, Mus-tagh-ata, Yam-bulak-bashi, 4439 m., 14th Aug. 1894 (flowering).

*Geogr. area*: Tian-shan, Himalaya, Songaria.

#### Fam. Borraginaceæ

(determ. by OVE PAULSEN).

*Arnebia guttata* Bunge (1840); Ledeb. fl. ross. III (1846—51) 139; O. Fedtschenko, in Acta h. Petrop. XXI (1903) 151, XXIV (1904) 14, XXVIII (1907) 21, (1909) 46; Danguy, in Bull. Mus. d'hist. nat. XIV (1908) 132, XVII (1911) 342.

Eastern *Pamir*, Little Kara-kul, on sandy soil, 3720 m., 6th July 1894 (flowering).

*Geogr. area*: Tian-shan, Altai, Songaria.

*Eritrichium pectinatum* (Pallas) D. C., Prodr. X (1846) 127; Ledeb. fl. ross. III (1847—49) 152; Kryloff, Fl. Altaica IV (1907) 896; *E. ciliatum* Rudolph, in Mém. ac. St. Pétersb. I (1809) 352.

S. W. *Tibet*, At the road between Camp CCIII (Darasumkar, 4931 m), and Camp CCIV (Bukgyagorap, 4870 m.), 16th July 1907 (flowering).

*Geogr. area*: Siberia from Ural to Mongolia, northern China, Altai.

*Microula sikkimensis* (Clarke) Hemsley, in Hook. Ic. pl. 4. ser. 6 (1899) plate 2562; Hemsley, in Journ. Linn. Soc. 1902, 192; *Anchusa sikkimensis* Clarke, in Hook. f., Fl. Brit. Ind. IV (1885) 168; *Tretocarya sikkimensis* Oliver, in Hook. Ic. pl. 4 ser. 5 (1896) plate 2255; Danguy, in Bull. Mus. d'hist. nat. XVII (1911) 342.