

Polygonum viviparum L., Sp. pl. ed. 1 (1753) 360; Ledeb., Fl. Ross. III (1849—51) 519; Hook. f., Fl. Brit. Ind. V (1890) 31; Hemsley, in Journ. Linn. Soc. (1902) 197; Fedtschenko, in Acta Horti Petrop. XXI (1903) 183, XXIV (1905) 31, XXVIII (1909) 52; Danguy, in Bull. Mus. d'hist. nat. XIV (1908) 132, XVII (1911) 447.

Eastern *Pamir*, Mus-tagh-ata, Kamper-kishlak, moist meadow, ab. 4500 m., 29th July 1894.

S. W. *Tibet*, Camp CCXI, Tokchen, 4654 m., 24th July 1907.

Geogr. area: Arctic regions; high mountains of northern temperate regions.

Rheum spiciforme Royle, in Illust. Bot. Himal. (1839) 315; Hook. f., Fl. Brit. Ind. V (1890) 55; Hemsley and Pearson, in Peterm. Mitteil., Ergänzungsbd. 28 (1900) 375; Fedtschenko, in Acta Horti Petrop. XXI (1903) 181, XXIV (1905) 31, XXVIII (1907) 26, XXVIII (1909) 52.

Northern *Tibet*, Camp XXI, 4965 m., 7th Sept. 1896 (det. Hemsley and Pearson); Camp XX, 4784 m., 4th Aug. 1900 (flowering); Eastern *Tibet*, near Camp XLIV, 5127 m., 15th Aug. 1901.

Geogr. area: Pamir, Himalaya, China.

Fam. Urticaceæ

(determ. by C. H. OSTENFELD).

Urtica hyperborea Jacquem., apud Weddell, in Ann. sc. nat. 4. sér. I (1854) 180; Hemsley and Pearson, in Peterm. Mitteil., Ergänzungsbd. 28 (1900) 375; Hemsley, in Journ. Linn. Soc. 35 (1902) 198; Keissler, in Ann. Naturhist. Hofmuseum (1907) 31; Stewart, in Bull. Torrey Bot. Club (1916) 630.

Tibet, Camp LXIX, 4889 m., 30th Aug. 1901 (sterile); N. E. *Tibet*, Between Camp XXIX and Camp XXX, 4863 m., 20th Sept. 1896.

Geogr. area: Himalaya, Tibet, Mongolia.

Fam. Salicaceæ

(determ. by O. VON SEEMEN).

Populus euphratica Oliv., Voy. Emp. Ottom. III (1801), figs. 45, 46; C. K. Schneider, Handb. Laubholz. I (1906) 5; Ascherson und Graebner, Synops. Mitteleurop. Fl. IV (1908) 16.

East-*Turkestan*, the shore of Ullugh-köl, lower part of Tarim River, 878 m., 20th May 1900 (with ripe fruits); Lower Tarim, ca. 870 m., spring 1900, shoots from underground runners (suckers).

Geogr. area: From North Africa eastwards to China and Mongolia.