Plantæ Sinenses Yoshianæ.

III.

Auctore

Tokutaro Ito.

PORTULACACEÆ.

Portulaca oleracea, Linn. Sp. Pl. ed. 1, p. 445; Thunb. Fl. Jap. p. 192; DC. Prodr. III, p. 353; Lour. Fl. Cochinch. ed. Willd. p. 359; Ledeb. Fl. Ross. II, p. 145; Bunge, Enum. Pl. Chin. Bor. p. 104; Seemann, Bot. Voy. 'Herald,' p. 379; Benth. Fl. Hongk. p. 127; Maxim. Primit. Fl. Amur. pp. 113 et 472; Regel, Tent. Fl. Ussur. p. 64; Franch. et Sav. Enum. Pl. Jap. I, p. 53; Dyer in Hook. f. Fl. Brit. Ind. I, p. 246; Nyman, Consp. p. 253; Debeaux, Fl. Tchef. p. 63; Forbes et Hemsl. in Journ. Linn. Soc. XXIII, p. 71; Henry in Trans. As. Soc. Jap. XXIV, suppl. p. 19; Gürke, Pl. Europ. II, p. 179; T. Ito et Matsumura, Tent. Fl. Lutch. p. 50.

馬〔齒〕莧 *Bakin* [recte *Bashiken*], vulgo *Uma Bijū*, it. *Siberi Fiju* [recte *Suberi Bijū*], Kämpf. Amœn. p. 831.

Hab. in provincia Shantung: ad urbem Tshifu, mense Octobris 1897, fructif. (*Domina Yoshi Takagaki*, n. 89!).

Observ. **Portulaca grandiflora**, Hook., planta austro-americana, colitur in hortis urbis Tshifu (*Domina Yoshi Takagaki*, n. 88!).

CARYOPHYLLACEÆ.

Arenaria serpyllifolia, Linn. Sp. Pl. ed. 1, 423; DC. Prodr. I, p. 411; Fenzl in Ledeb. Fl. Ross. I, p. 368; Maxim. in Mém. Biol. IX, p. 34, Enum. Pl. Mongol. p. 98, et in Act. Hort. Petrop. XI, p. 69; Franch. Pl. David. I. p. 53, II, p. 205; Forbes et Hemsl. in Journ. Linn. Soc. I, p. 70; F. N. Williams, in Journ. Linn. Soc. XXXIII, p. 365, XXXIV, p. 436; Nyman, Consp. p. 115; Gürke, Pl. Europ. II, p. 272.

Hab. in provincia Shantung: in colle Tshifu-shan, 3 Aprilis 1898 (*Domina Yoshi Takagaki*, n. 557!).

Dianthus sinensis, Linn. Sp. Pl. ed. 1, p. 411; DC. Prodr. I, p. 359 (sensu latiore); Forbes et Hemsl. in Journ. Linn. Soc. XXIII, p. 63 (chinensis); Maxim. Ind. Fl. Mongol. in Primit. Fl. Amur. p. 480, Enum. Pl. Mongol. p. 84 (chinensis), et in Act. Hort. Petrop. XI, p. 64; F. N. Williams, in Journ. Linn. Soc. XXIX, p. 429; T. Ito et Matsumura, Tent. Fl. Lutch. p. 45.

D. Seguieri, Chaix apud Vill.; Ledeb. Fl. Ross. I, p. 277; Koch, Syn. Fl. Germ. Helv. p. 104; Regel, Tent. Fl. Ussur. p. 25, et in Bull. Soc. Nat. Mosc. 1861, 4, p. 524; Edgew. et Hook. f. in Hook. f. Fl. Brit. Ind. I, p. 215; Maxim. in Bull. Soc. Nat. Mosc. 1879, p. 6; Nyman, Consp. p. 101; Franch. Pl. David. I, p. 45.

var. sylvaticus, Rohrb. **subsp. brachylepis**, Rohrb.; Maxim. Enum. Pl. Mongol. p. 84; F. N. Williams, in Journ. Linn. Soc. XXIX, p. 430.

D. Seguieri var. *sylvestris*, Koch, Syn. Fl. Germ. Helv. p. 104; Regel, Tent. Fl. Ussur. p. 26, et in Bull. Soc. Nat. Mosc. 1861, 4, p. 524.

Hab. in provincia Shantung: Yantai prope urbem Tshifu, mensibus Octobris et Novembris 1897, nn. 60 et 117, flor. cum fruct. mat., in colle Tshifu-shan, 25 Septembris 1897, n. 235, flor. cum fruct. mat., in collibus Nansi-shan, 17 Octobris 1897, n. 262, et Nanshan, 31 Octobris 1897, n. 343, flor. et fructif., nec non sub monte Si-shan (Temple Hills), 24 Octobris 1897, n. 426, flor. cum fruct. mat. (*Domina Yoshi Takagaki*!).

Perennis caespitosus glabrescens. Caules erecti vel ascendentes, 10–24 cm. alti, elongati tetragoni apice dichotome ramosi vel uniflori. Folia linealilanceolata vel linearia, 10–50 mm. longa, 1–5 mm. lata, plana rigida glabrescentia acuminata rarius acutiuscula basi contorta stricta 3- vel 5-nervia margini hispida, vagina folii 1–3 mm. longa. Flores 15–20 mm. diam. solitarii vel geminati vel in paniculis laxè dispositi. Bracteae 4–6, inaequales atting. $\frac{1}{2}$ – $\frac{1}{3}$ calycis longitudinem, interiores oblongae vel obovatæ longe acuminatæ, externæ ovaes subulato-acuminatæ. Calyx tubo cylindrico multi-striato 15–20 mm. longo, dentibus deltoideo-lanceolatis acutis vel subacuminatis margini membranaceis pubescentibus. Petala rosea obovato-spatulata 20–30 mm. longa, antice irregulariter dentata, basi anguste attenuata. Antherae purpureascentes. Capsula cylindrica breve petiolata vel sessilis, glaberrima, 15–20 mm. longa. Semina nigrescentia minute granulata, 2 mm. diam.

Gypsophila Oldhamiana, Miq. in Ann. Mus. Bot. Lugd. Bat. III, p. 187, Prol. Fl. Jap. p. 351; Maxim. in Mém. Biol. IX, p. 55, in adnot.; Forbes et Hemsl. in Journ. Linn. Soc. XIII, p. 64; F. N. Williams, in Journ. Bot. 1889, p. 325.

G. altissima, Old. sec. F. N. Williams, loc. cit. (non L.).

Hab. in provincia Shantung: ad urbem Tshifu, mense Aprilis 1898, steril., n. 546, ad Yantai, mense Octobris 1897, steril., n. 443, nec non ad Nansi-shan, 17 et 31 Octobris 1897, flor. et fructif., nn. 265, 356 (*Domina Yoshi Takagaki*!).

Glaberrima glauca. Caudex suffruticosus sæpe crassus ramosus. Caule erecti fere 30–50 cm. alti cylindrici vel subangulati tenues firmis nodosis, inferne simplices, superne paniculato-ramosi, ramis floridis. Folia caulina oblonga vel oblongo-lanceolata, 25–65 mm. longa, 5–12 mm. lata, acuta vel apiculata basi attenuata 3–5-nervia; ramulorum floridorum diminuta linearia vel subulata. Cymæ multifloræ corymbosæ 2–4 cm. latæ. Flores fere 5 mm. diam. pedicellati, pedicello filiformi 2–5 mm. longo calyce æquilongo vel longiori. Bracteolæ ovatæ cuspidatæ vel acuminatæ scariosæ 1–2 mm. longæ. Calyx $2\frac{1}{2}$ –3 mm. longus, $1\frac{1}{2}$ –2 mm. latus, turbinatus minute glanduloso-punctatus quinquenervius præter nervos scariosus, dentibus obtiusculis. Petala alba, 4–5 mm. longa, 1 mm. lata, cuneato-oblonga truncata obtusa trinervia. Stamina filiformia 5 mm. longa, anthera globosa. Styli 2; filiformes, 4 mm. longi. Ovarium obovoideum glabrum vix 1 mm. longum; ovula fere 12. Capsula glabra globosa, $2\frac{1}{2}$ mm. diamet. Semina subreniformia crebre tuberculata rufo-brunnea, $1\frac{1}{3}$ mm. longa, $1\frac{1}{4}$ mm. lata.

Catalogus plantarum ad stationem zoologicam Misakensem sponte crescentium.

Scripsit

Y. Yabe.

II.

DICOTYLEDONEÆ.

Saururaceæ.

Houttuynia corda, *Thunb.* ドクダミ

Piperaceæ.

Piper Futo-kadsura, *S.* et *Z.* フウトウカヅラ