

## Revisio ad Floram Formosanam. (I)

Takahide HOSOKAWA

### 1. *Satureia Kudoii* HOSOKAWA, *sp. nov.*

Herba suberecta, fere 30 cm. alta. Caulis rigidiusculus, basi patentim puberus, sursum patentim hirtellus. Folia petiolata, rhombeo-ovata, apice obtusa, basi cuneata, margine crenato-serrata, chartaceo-membrancea, supra viridia, scabra, hirtello-pubescentia, subtus paridiora, glandulosa, pilis sparsis hirsutiuscula, costis venisque elevatis, ad 3 cm. longa, ad 2 cm. lata, petiolo 0.6-1.5 cm. longo dense hirsuto. Inflorescentia terminalis, rhachide villoschirsuto; verticillastri densiflori, in spicam densam approximati, pedicellis hirtellis 2 mm. longis, bracteolis linearibus margine longe pilosis ad 2.5 mm. longis. Calyx subrecurvatus, tubulosus, pilis longis mollibusque hirsutus, dorso apiceque purpureus, bilabiatus, ad 5 mm. longus, labio superiore 3-dentato, dentibus subulato-deltoides, labio inferiore 2-fido, fidis subulato-linearibus. Corolla 8 mm. longa, extus pubescens, labio superiore rotundato apice emarginato, inferiore patente 3-lobo, lobo medio subrotundato.

NON. JAP. *Taiwan-miyamatôbana* (*nov.*).

HAB. Inter Sikikun et Piyanan-ambu, Praef. Taihoku (IPSE, n. 2389! Jul. 10, 1931; Typus in Herb. Univ. Imp. Taihoku).

Arcte affinis *S. chinensi*, sed inflorescentiis terminalibus dense spicatis, et foliis subtus glanduliferis, ex qua differt.

### 2. *Carpesium spathiforme* HOSOKAWA, *sp. nov.*

Suffrutex circ. 70 cm. altus. Caulis erectus, subcanaliculatus, adpresse pilosus. Folia radicalia numquam rosulata, elliptico-spathulata, apice obtusa, basi in petiolum alatum sensim attenuatissima, margine integra, membranacea, utraque pilosa, sed costis subtus pilis longis adpressisque sericeis, saepius in maximum 12 cm. longa, 4 cm. lata. Inflorescentia subcorymboso-panicu-

lata. Capitula bracteata, terminalia et lateralialia, 7-12 cm. longa, longe pedunculata, pedunculis apice subincrassatis deorsum inflexis pilis mollibus pilosis. Bracteae 3-6, oblanceolatae, vel elliptico-oblanceolatae, tamen foliis conformes, utraque scabrae, pilis rigidis pilosae, persistentes, 0.7-2.5 cm. longae. Involucris intermediis oblongis, interioribus late linearibus, et omnino flavescentibus scariosis apice subviridibus eroso-marginatis circ. 5 mm. longis, tamen exterioribus oblanceolatis viridibus pilosis. Flosculi glaberi, achaenia subduplo breviores; idem hermaphroditi, limbo corollae campanulato quinque-dentato tubum subduplo sperante; flosculi foeminei ellipsoidei, apice attenuati, minute fere 5 partiti, ramis styli apice obtusis exsertis. Achaenia glabra, striata, basi sensim attenuata, apice abrupte attenuata glanduloso-muricataque, 3 mm. longa.

NOM. JAP. *Taiwan-sagigata-gankubiso* (nov.)

HAB. Garambi, in maritimilignosis, Praef. Takao (IPSE, n. 3011 Aug. 11, 1931; Typus in Herb. Univ. Imp. Taihoku.)

Arte affinis *C. cernuo*, sed foliis spathulatis praecipue differt, et a *C. glossophyllo* foliis radicalibus numquam rosulatis, et integerrimis distinctum.

### 3. *Corchorus brevicaulis* HOSOKAWA, *sp. nov.*

Suffrutex herbaceus, caulibus subcaespitosis subprostratis patentim hirtellis 10-15 cm. longis, internodiis quam folia brevioribus 1.6 cm. longis, Stipulae lineares, 4 mm. longae. Folia petiolata, petiolis 1-1.5 cm. longis, ovata, elliptico-ovata vel orbiculato-ovata, saepius plus minusve obliqua, apice acuta, basi lobulis subulato-linearibus reflexis saepe appendiculata, margine serrata, membranacea, utraque sparse pilosa, palmatim 3-5 nervosa. Flores lutei, oppositifolii, pleraque 2, parvi; sepala 5, hyalina, anguste oblonga, apice submucronata; petala 5, cuneato-obovata. Stamina 16-∞. Ovarium lanatum. Stigma integra. Capsula semper 5-locularis, 10-alata, 1.2 cm. longa, cornibus exclusis, in cornua 5 integra 5 mm. longa desinens.

NOM. JAP. *Hama-tsunaso* (nov.)

HAB. In littore insulae Liuki-syo, Praef. Takao (IPSE, n. 1872! Aug. 3, 1930; Typus in Herb. Univ. Imp. Taihoku.)

Arte affinis *C. acutangulo*, sed caulibus brevibus prostratis, internodiisque brevioribus, et capsulis minoribus, semper 5-capsululis omnino cornutis

et 10-alatis, differt.

4. **Evolvulus alsinoides L. var argenteus** HOSOKAWA var. nov.

Herba prostrata, ubique pilis densissimis argenteis lanato-villosa, internodiis caulium brevissimis, foliis ovatis vel elliptico-ovatis 5-6 mm. longis 3-4 mm. latis.

NOM. JAP. *Ginyo-asagaokarakusa* (nov.).

HAB. In insula Liukiu-syo, Praef. Takao (IPSE, n. 1770! Dec. 31, 1929; Typus in Herb. Univ. Imp. Taiboku.)

5. **Cerastium parvipetalum** HOSOKAWA, sp. nov.

Herba erecta? Caulis gracillimus, pilosus, fere 16 cm. longus vel ulter. Folia opposita, subsessilia, elliptica. ad 3 cm. longa, ad 1 cm. lata, apice acuminata, basi in petiolum abrupte attenuata, supra sparse pilosa, subtus subglabra, pallidiora, margine ciliata, costis supra sulcatusculis subtus elevatis, venulis inconspicuis. Flores laxissime cymosi, pedicellis filiformis circ. 8 cm. longis viscoso-pilosis. Sepala 5, ovato-lanceolata, apice acuminata, dorso et margine pilosa, 3 mm. longa. Petala 5, ovata, apice acuminatiuscula, basi breve unguiculata, 2 mm. longa. Stamina 5. Ovarium ovoideum, 1 mm. longum; stylus tres, 2 mm. longus. Capsula cylindricoglobosa, apice truncata, 2 mm. longa.

NOM. JAP. *Hiroha-yamahakobe* (nov.).

HAB. Inter Magatsun et Tebutegai (fere 4000 ped. alt.), Praef. Takao (IPSE, n. 93! Jan. 3, 1931; Typus in Herb. Univ. Imp. Taihoku.)

Ad *C. subpilosum* proximum, sed foliis latioribus sepalis ovato-lanceolatis apice acuminatis et quam petala longioribus stylis tribus praecipue differt.

6. **Lepidagathis secunda** NEES,; DC. Prodr. XI. p. 259; MERR. Fl. Manil. p. 442.

NOM. JAP. *Maruba-urokomari* (nov.).

HAB. In insula Liukiu-syo, Praef. Takao (IPSE, n. 1793! Apr. 3, 1930).

DISURIB. Philippinae. Adjunctio novum ad floram Formosanam est.