

Revisio ad Floram Formosanam. (II)

(Continued from XXII. No. 121. pag. 229)

Takahide HOSOKAWA

Trichosanthes L.

Clavis ad specierum Formosanarum.

- a. Flores masculi racemosi.
- b. Calycis segmenta integra.
- c. Bractea angustata, nec foliacea.
- d. Folia in circumscriptione elobata, lobatuscula vel conspicue auriculatum trilobata.
- e. Folia ad apicem foliorum acuminata vel acuta, et ejusdem lobus deltoideus acutus.
- f. Folia semper membranacea, plus minusve scabra.
..... *T. cucumeroides* MAXIM.
- ff. Folia saepius chartacea, utraque varie scabra, interdum scaberima. *T. formosana* HAY.
- ee. Folia et ejusdem lobus ad apicem rotundatus vel obtusissimus
..... **T. Matsudai* HAY.
- dd. Folia profunde palmatimque 5-7-lobata *T. multiloba* MIQ.
- cc. Bractea 1-2.5cm. longa, late obovata, saepius foliacea.
- d. Calycis tubus hirsuto-barbatus. Folia elobata. *T. homophylla* HAY.
- dd. Calycis tubus pubescens nec barbatus. Folia saepius palmatim lobata.
..... (11) *T. Kirilowii* MAXIM.
- bb. Calycis segmenta dentata vel laciniata.
- c. Bractea undulata nec incisa. Cirrhis 4-5-fidus... *T. quinguangulata* A. GRAY
- cc. Bractea in diverse grados fimbriato-incisa. Cirrhis 2-3-fidus.
..... (12) *T. bracteata* VOIGT
- aa. Flores masculi solitarii. Calycis tubus barbatus..... *T. mushaensis* HAY.

11. Trichosanthes Kirilowii MAXIM. Prim. Fl. Amur. (1859) p. 482; COGN. in DC. Monogr. Phaner. III. (1881) p. 370; FORBES et HEMSL. in Journ. Linn. Soc. Bot. XXIII. (1887) p. 313; PALIB. in Act. Hort. Petrop. XVII. (1899) p. 95; DIELS in ENGL. Bot. Jahrb. XXIX. (1901) p. 603; NAKAI Fl. Korea. I. (1909) p. 249, et Chosen Syokubutsu (1914) p. 372, fig. 473.

NOM. JAP. *Chosen-karasu-uri*.

* It was regretable that I could not observe a perfect specimen of this species.
[Trans. Nat. Hist. Soc. Formosa, XXII, 125, Apr., 1933.]

branched tendrils and much lacerate bracts, is perhaps quite the same as the latter because of its very variable character, or the Formosan species has the 2- or 3-branched tendrils and variable lacerate bracts in the same individual.

13. *Gynostemma simplicifolia* BLUME Bijdr. (1825) p. 23; COGN. in DC. Monogr. Phaner. III. (1881) p. 915; MIQ. Fl. Ind. Bat. I. 1. (1859) p. 688; MERR. in Philip. Journ. Sci. IV. (1909) Bot. p. 329; KOORD. Exkursionesfl. Java III. (1912) p. 298; MERR. Enum. Philip. Pl. III. (1923) p. 586.

NOM. JAP. *Nangoku-amacha-zuru*. (*nov.*)

HAB. Inter Magatun et Tebutegai, ad superius flumen Simo-tamsui-kei, Praef. Takao (IPSE, n. 79! Jan. 3, 1931).

DISTRIB. Java, Insulae Philippinae et Formosa.

Species haec nova in Formosa.

14. *Silene Fortunei* VIS.; HOOK. f. in CURTIS's Bot. Mag. (1899) t. 7649.

var. ***bilobata*** HOSOKAWA, var. *nov.*

Panicula saepius non viscosa. Petala rosea, profunde bilobata, lobis cuneato-oblongis apice rotundatis repandisque nec incisis.

HAB. In herbidis (ca. 4000 ped. alt.) prope Batakan, in Taroko, Praef. Kwarenko (IPSE, n. 5155! Aug. 12, 1932.....Typus).

15. *Rubus tiponensis* HOSOKAWA, sp. *nov.* (*Malachobatus FOCKE*)

Proxime affinis *R. Lambertiano* SER. subsp. *xanthoneuro* FOCKE, tamen a quo praecipue usque (excl. foliis) breviter glanduloso-barbatis recedit.

Frutex scandens. Rami et ramuli teretes, aculeolati, aculeis reflexis complanatis, pilis omnino ferrugineis ad summam glanduliferis breviter barbati. Folia in ambitu ut in *R. Lambertiano* SER. subsp. *xanthoneuro* FOCKE, ovata, 3-lobata vel 5-lobatiuscula, 3-5-nervosa, membranacea, petiolata (petiolis ut in ramulis 1.5-2.3 cm. longis), apice caudata, basi cordata, margine mucronato-crenata, supra scabra, sparse pilosa, praecipue ad nervos hirsuta, subtus parce pilosa, ad nervos elevatos aculeolata, ca. 6-8 cm. longa ca. 5-6 cm. lata. Stipulae lanceolatae, setaceo-fimbriatae,

parce glanduloso-pilosae. Flores in apice ramulorum paniculati, paniculis in totum dense patenterque glanduloso-barbatis, pedicellis ca. 5 mm. longis, bracteis lanceolatis 2-3-setaceo-fimbriatis. Calycis lacinia deltoidea, apice acuminata, extus dense glanduloso-barbata, intus pilis adpressis dense canescens, ca. 4 mm. longa, 2.5 mm. lata. Petala oblongo-elliptica vel orbiculato-elliptica, subsessilia, apice emarginato-mucronata, quam sepala subbreviora, ca. 3 mm. longa 2 mm. lata. Carpella staminaque numerosa, glabra petalis aequilonga.

NOM. JAP. *Tipon-ki-itigo* (nov.)

HAB. In silvis ad pedem (ca. 6000 ped. alt.) montis Tiponzan, prope Tiponzan-tiuzaisho, Praef. Taito (IPSE, n. 5370 a! Aug. 20, 1932.....
Typ. in Herb. Univ. Imp. Taihoku.)

Kudoacanthus HOSOKAWA, gen. nov. (*Acanthaceae-Acanthoideae-Imbricatae*) Calyx 5-partitus, segmentis linearibus subaequalibus. Corollae tubus brevis, latiusculus superne ampliatus; limbus 4-lobatus, lobo supero interiore erecto concavissimo apice emarginato, lobis inferis 3 subaequalibus patentibus intermedio extimo: Stamina 2, sub fauce antico affixa, quam lobe superus valde breviora; anthereae majores 2-loculares, loculis angustebelongis parallelis aequalibus basi muticus nec caudatis discretis dorso connectivo angusto altitudine eadem affixis; staminodia nulla. Pollina ellipsoideo-globosa, laevigata, exporosa, nec tuberculata. Discus exannularis. Ovarium 2-locularis, in quoque loculo 2-ovulatum. Stylus filiformis, ad summam subdidymus. Capsula.....—Herbae tenues, ascendentes, ad nodos radicantes. Folia minora, opposita. Flores parvi sessiles ad apices ramorum racemosi, racemis simplicibus subelongatis gracilibus. Bractea linealis, ad nodos rhachis racemi oppositum disposita. Bracteolae 2, acerosae, calycis segmentis breviores.

Genus hoc proximum ad *Codonacanthus*, sed praecipue corollae lobo supero elobato staminodiisque nullis et pollinibus extuberculatis recedit, et dum persimilium ad *Ptyssiglottis* et *Hallieracanthus*, ab utraque pollinibus laevigatis numquam porosis corollae lobisque non plicato-rugosis et inflorescentiis illius statim differt.

Species 1.