

# STUDIA ORCHIDACEARUM JAPONICARUM II.

## Orchidaceae Formosanae novae atque criticae

auctore

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### 12. *Zeuxine fluvida* FUKUYAMA, sp. nov.

Terrestris, erecta, 10–20 cm. alta, rhizomate decumbente cauliformi in exsiccato 2.5–3 mm. diametiente, radicibus vermiformibus puberulis. Caulis erectus, teres, e basi ad supra medium laxe 2–6-foliifer, sursum scapum abeuns et pilosus, deorsum giaber.

Folia petiolata, patentia, ovata vel ovato-lanceolata, apice acuta, basi rotundata, subito ad petiolum abeuntia, membranacea, viridescens, utrinque glabra, 6 cm. longa, c. 2.5 cm. lata, petiolis c. 1.5 cm. longis basi tubiformibus et amplexicaulibus.

Scapus gracilis, erectus, pilosus, 2–3-squamatus, c. 8 cm. longus, racemo florifero brevi 1.5 cm. longo subdense 5–8-florato, bracteis ovato-lanceolatis, concavis, apice acuminatis, basi leviter contractis, membranaceis, margine et exteriore plus minusve peberulis.

Flores glabri, fulvi, pedicellis cum ovariis glaberrimis fusiformibus viridibus c. 6 mm. longis. Sepalum intermedium oblongo-ovatum vel triangulato-oblongum, concavum, apice obtusum, basi vix contractum, utrinque glabrum, flavum, 6 mm. longum, basi c. 3 mm. latum, sepala lateralia erecto-patentia anguste oblonga vel linearia navicularia apice obtusa basi haud contracta utrinque glabra fulva 6 mm. longa c. 1.5 mm. lata. Petala cum sepalo intermedio in galeam cohaerentia, semiovata, apice cuspidato-obtusa, basi contracta, latere superiore truncata, glabra, membranacea, subhyalina, 5.5 mm. longa, c. 2 mm. lata.

Labellum c. 7 mm. longum, basi saccato-concavum c. 2 mm. latumque, intus glabrum et supra basin utroque latere processibus duobus ornatum, ad apicem sensim tubiforme attenuatum, apice subito dilatato-bilobatum, lobis rotundatis inter se divaricatis c. 2.5 mm. diametientibus tenuibus utrinque glabris albescentibus basi fluis. Columna brevissima, anthera cordata. Pollinia grosse granulosa, stipiti elongato affixa.

Nom Jap. *Taitoo-kinuran* (nov.)

Hab. Formosa; praef. Taitoo, Riran-shichoo, Onsen, (K. SEGAWA! No. 4112. Typus in Herb. Orch. Fuk.)

Nom. Jap. *Yakko-ebine* (nov.)

Hab. Formosa; praef. Takao, in silvis monte Manritoku-zan, prope Kooshun, (N. FUKUYAMA! Jan. 1, 1932. No. 4101. Typus in Herb. Orch. Fuk.)

The species seems to have much resemblance to *C. gracilis* LINDL. and *C. venusta* SCHLECHTER, but the plant is much smaller, the column is more slender and the margin of the middle lobe is not undulate at all.

**18. *Listera macrantha* FUKUYAMA, sp. nov.**

Terrestris, erecta, subfiliformis, c. 15-17 cm. alta, medio vel supra medium foliifera, infra folia glabra, supra puberula, basi vaginata, vaginis membranaceis caulem complete amplectentibus, radicibus filiformibus elongatis vix puberulis.

Folia 2, opposita, patentia, late ovata vel ovato-semiorbiculata, apice acuta, basi truncata, ad infumam brevissime cuneata, margine integra, membranacea, utrinque glabra, subtus pallidiora, c. 1.5-2 cm. longa, 1.5-2 cm. lata.

Scapus terminalis, simplex, pauca floratus, parte inter foliferam et foliiferam 2-3 cm. longa 1-2-squamata, squamis glabris, bracteis aequiformibus.

Flores 3-6, magni, subsecundi, patentis, bracteis ovato-lanceolatis apice acutis basi contractis glabris uninervatis 3-5 mm. longis, pedicellis cum ovariis rectis, glabris, bracteis duplo longioribus. Sepala patentia, glabra, uninervata, membranacea, sepalo intermedio lanceolato-ovato apice obtuso basi leviter contracto c. 4 mm. longo, sepalis lateralibus intermedio majoribus, falcato-ovatis, apice acutis, basi contractis, c. 4.5 mm. longis. Petala linearia, apice obtusa, ad basin leviter dilatata, uninervata, c. 4 mm. longa.

Labellum erecto-patens, cuneatum, c. 2 cm. longum, utrinque glabrum, membranaceum, supra medium divaricato-bilobatum, inter apices loborum 7-9 mm. latum, lobis oblongis sursum plus minusve angustatis apice truncato-rotundatis margine integris medio 2.5-3.5 mm. latis. Columna 4 mm. longa, infra apicem incurvata, rostello apice roundato-mucronato.

Nom. Jap. *Kanzashi-futabaran* (nov.)

Hab. Formosa; praef. Taihoku, in silvis monte Nanko-taizan inter Kiritto et Bunakkei, (N. FUKUYAMA! Jul. 1933. No. 4140. Typus in Herb. Orch. Fuk.); praef. Taichu, inter Kootenzan et Tsugitaka-yama prope Gonkeawan, (T. HOSOKAWA! Jul. 14, 1931. No. 4145).

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