

The genus is new to the flora of Japan.

71) **Pristiglottis integra** FUKUYAMA, sp. nov.

Terrestris, erecta, c. 20 cm. alta, rhizomate decumbente cauliformi tereti carnosio ad nodos radicante, radicibus brevibus vermiformibus dense breveque pilosis. Caulis simplex, erectus, teres, glaber, viridis, medio in exsiccato c. 3 mm. diametens, supra basin ad medium sublaxe 2-6-foliatus.

Folia patentia, ovata, apice acuta, basi rotundata, subito ad petiolum abeuntia, lamina 2-5 cm. longa, supra basin 1.5-2.2 cm. lata, margine integra, supra viridia, subtus pallidiora, utrinque glabra, membranacea, multi-nervata, petiolis 1-1.5 cm. longis glabris basi dilatatis vaginiformibusque.

Scapus strictus, inferiore sparse superiore subdense pilosus, paucisquamatus, squamis distantibus ovato-lanceolatis sensim in bracteas decrescentibus, bracteis lanceolatis pedicellos longitudine subexcedentibus margine ciliatis extus pilosis membranaceis uninervatis.

Flores 5-10, in apice scapi subdense racemosi, albidii, pilosi, pedicellis rectis c. 5 mm. longis pilosis. Sepalum intermedium oblongo-ovatum, concavum, apice obtusum, basi vix contractum, 4-4.5 mm. longum, supra basin $1\frac{1}{2}$ -2 mm. latum, extus pilosum, membranaceum, uninervatum; sepala lateralia falcato-oblonga, apice obtusiuscula, ad basin haud contracta, basi in saccum brevem obtusum connata, c. 6 mm. longa, medio 2 mm. lata, extus pilosa, membranacea, uninervata. Petala cum sepalo intermedio in galeam cohaerentia, dimidio inferiore oblique quadrangulato-obovata, medio subito contracta, dimidio superiore caudato-linearia, ad summam acuta, basi contracta, latere superiore truncata, c. 4 mm. longa, medio $1\frac{1}{2}$ -2 mm. lata, utrinque glabra, membranacea, uninervata.

Labellum quam sepala paullo longius, c. 8 mm. longum, unguiculatum, canaliculatum, margine integrum, glabrum, basi cucullato-saccatum intus callosumque, infra apicem abrupte in limbo integro subquadrangulato antice subbilobato-emarginato c. 4 mm. longo 6 mm. lato expansum. Columna brevis, rectiuscula, apice in rostellum acuminato-subbifidum attenuata, sub stigmatate bilamellatum, stigmatate indiviso. Anthera cordiformis, bilocularis.

Nom. Jap. Kamome-tasiro-ran (nov.).

Hab. Formosa; insl. Kôtô-syo, in pluviisilvis inter I'yayu et summum montem Kôtô-zan, c. 400 m. alt. (N. FUKUYAMA! Aug. 3, 1934, no. 4779. Typus in Herb. Orch. Fuk.)

72) **Zeuxine odorata** FUKUYAMA, sp. nov.

Terrestris, erecta, c. 30-50 cm. alta, rhizomate decumbente cauliformi tereti c. 6 mm. diametente carnosio ad nodos radicante, radicibus longius-

culis vermiformibus vulgo simplicibus dense brevique pilosis. Caulis erectus, simplex, viridis, teres, inferiore reliquis foliorum distantibus instructus, ad medium laxe vel subconferte fere 5-foliatus, infra folia glaber subnitidusque, supra folia inflorescentiam versus subdense pilosus et paucisquamatus, squamis distantibus arcte amplectentibus vix pilosis scariosis acuminatis sursum sensim in bracteas decrescentibus.

Folia patentia, elliptica, plus minusve obliqua, apice acuta, basi contracta, ad petiolum abeuntia, lamina 5–10 cm. longa, medio 4–5 cm. lata, margine integra, supra nitida et viridia, subtus pallidiora, utrinque glabra, membranacea, prominente 3–5-nervia, petiolis 3–4 cm. longis glabris dimidio inferiore dilatatis amplexicaulibusque.

Racemus florifer erectus, fere 5–10 cm. longus, subdense 10–20-floratus, bracteis pedicellos amplectentibus lanceolato-deltoides acuminatis rubescentibus extus breve pilosis margine inferiore ciliatis intus glabris pedicellos longitudine vix vel haud excedentibus trinervatis.

Flores odorati, subapertientes, viridi-albescentes, extus breve pilosi, pedicellis rectis utrinque paullo contractis viridibus glanduloso-pilosis 1–1.2 cm. longis. Sepalum intermedium ovato-oblongum, concavum, apice obtusum, basi paullo contractum, c. 6–7 mm. longum, viridescens, extus sparse et breve pilosum, intus glabrum, membranaceum; sepala lateralia oblonga, paullo obliqua, concava, apice obtusa, basi paullo contracta, c. 9 mm. longa, albescentia, ad basin viridescencia, extus vix pilosa, intus glabra, membranacea. Petala cum sepalo intermedio in galeam cohaerentia, albescentia, late semiovata vel oblique falcato-oblonga, latere superiore truncata, apice mucronata, ad summam obtusa, basi vix vel haud contracta, c. 7 mm. longa, medio vix 4 mm. lata, membranacea, glabra.

Labellum c. 9 mm. longum, glabrum, basi saccato-ventricosum intus utroque latere callosumque, mesochilio $2\frac{1}{2}$ mm. latum unisulcatumque, supra medium apicem versus subito divaricato-bilobatum, lobis rotundatis c. 4 mm. latis membranaceis albescens basi primo viridescens demum flavescens. Columna brevis, crassa, apice in duo brachia rostellaria divisa, in facie anteriore inferne biappendiculata. Anthera cordiformis; pollinia 2, ovoidea, sectilia. Caudicula longe obovata, diaphana, 2– $2\frac{1}{2}$ mm. longa, ad summam retusa, basin versus angustata, ad infimam acuta.

Nom. Jap. Zyakô-kinu-ran (nov.).

Hab. Formosa; insl. Kôtô-syo, in pluviisilvis inter l'yayu et summum montem Kôtô-zan, c. 300 m. alt. (N. FUKUYAMA! Aug. 3, 1934. Colitur in horto Univ., et floret in mense Apr. 1934, no. 4808. Typus in Herb. Orch. Fuk.).