

Studia Orchidacearum Japonicarum V*

Orchidaceae Formosanae Novae Atque Criticae

auctore

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With 1 Text-Figure

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41) **Calanthe pumila** FUKUYAMA, sp. nov.

Terrestris, pumila, c. 20 cm. alta, radicibus teretibus rigidiusculis filiformibus leviter flexuosis puberulis sicco c. 1.5–2 mm. diametentibus.

Folia 4–5, basilaria, suberecta, linearia vel oblanceolato-linearia, apice acuminatissima, basi in petiolum angustum basi vaginantem longe decurrentia, c. 20–30 cm. longa, supra medium c. 8–13 mm. lata, in exsiccato tenuiter coriacea, utrinque glabra, subtus prominente trinervia, inter nervos venulosa.

Scapus e basi fasciculi foliorum oriundus, strictus, glaber, foliis vulgo brevior, c. 15–18 cm. longus, medio c. 2.5 mm. in diametro, remote 4–5-vaginatus, vaginis apice apiculatis ad basin tubiformibus et amplectentibus membranaceis utrinque glabris c. 1.8 cm. longis superioribus minoribus, racemo florifero c. 3 cm. longo subdense florato, bracteis caducis lanceolatis apice acuminatis basi paullo contractis membranaceis subhyalinis glabris.

Flores albescentes, subapertientes, pedicellis cum ovariis rectis c. 1.2 cm. longis glabris. Sepalum intermedium oblongum, apice acuminatum, ad basin plus minusve contractum, c. 1 cm. longum, medio c. 4 mm. latum, utrinque glabrum, membranaceum, trinervatum, sepalis lateralibus intermedio similibus sed paullo longioribus obliquisque. Petala orbiculato-obovata vel orbiculato-elliptica, apice rotundata, ad summam apiculata, ad basin angustata, c. 8 mm. longa, medio 6 mm. lata, utrinque glabra, membranacea, trinervata, nervis lateralibus extorse venulosis.

Labellum c. 6 mm. longum, calcaratum, basi breve bilamellatum, supra basin perprofunde trilobatum, lobo intermedio orbiculato apice rotundato ad summam interdum leviter retuso ad infimam ungue perbrevis perangusto instructo margine integro utrinque glabro c. 4 mm. longo totiusque lato, lobis lateralibus oblongis obliquis obtusis c. 3 mm. longis 2 mm. latis glabris, calcare cylindrico recto apice obtuso c. 6 mm. longo medio 2 mm.

* Continued from Bot. Mag. (Tokyo), 49 (1935), 306.

acuta, basi cum vaginis articulata, glabra, c. 10–15 cm. longa, 2–2.5 mm. diametentia. Racemus axillaris, 5–10 mm. longus, plerumque c. 5-floratus, floribus subapertientibus nutantibus c. 1–1.5 cm. diametentibus, bracteis glabris parvissimis 1–2 mm. longis inter se 1–2 mm. remotis, pedicellis rectis 1–1.5 cm. longis glabris.

Sepala viridia, subcarnosa, glabra, sepalo intermedio oblongo apice rotundato-obtuso ad basin haud vel vix contracto supra medium concavulo c. 8–9 mm. longo medio 4 mm. lato, sepalis lateralibus intermedio longioribus c. 1 cm. longis oblongis naviculaeformibus carinatis apice acutiusculis basi non contractis. Petala viridia, sepalo intermedio subaequiformia, sed obliqua paullo longioraque, apice rotundato-obtusa, basi vix contracta, utrinque glabra.

Labellum erecto-patens, oblongum, c. 1.2–1.2 cm. longum, medio 5 mm. latum, carnosum, utrinque glabrum, supra atro-purpureum et velutinum leviter sulcato-impressumque, subtus glabrum et viride, basi concavum et utrinque lobis erectis parvis obliquis c. 1.5 mm. longis totiusque latis instructum, e medio vel supra mdium sursum sensim angustatum, apice bilobato-emarginatum vel bilobato-mucronato-emarginatum, lobis triangulato-acutiusculis c. 3 mm. longis. Columna erecta, incrassata, semiteres, c. 3 mm. longa.

Nom. Jap. Takasago-boo-ran (nov.)

Hab. Formosa; praef. Takao, in silvis prope Botan-ike, (N. FUKUYAMA! Maio 29, 1934. no. 4550. Typus in Herb. Orch. Fuk.); in silvis prope Kusukusu, (N. FUKUYAMA! Maio 28, 1934. no. 4549.)

The present species resembles to *L. teres* BLUME, but it is distinguished from it by its larger flower, as well as by its habit.

47) **Taeniophyllum complanatum** FUKUYAMA, sp. nov.

Epiphyticum, aphyllum, ecaulescens, parvulum, radicibus viridibus valde complanatis lineari-elongatis leviter flexuosis glabris c. 5 cm. longis 2 mm. latis.

Racemi suberecti, graciles, virides, breves vel longiusculi, cum pedunculis c. 1–4 cm. longi, racemo ipso densiuscule 3–10-florato leviter flexuoso, bracteis minutis persistentibus triangulatis acutis c. $\frac{1}{2}$ mm. longis glabris, pedicellis rectis bracteis multo longioribus c. 3 mm. longis plerumque glabris raro sparsim et minutissime glanduloso-pilosis.

Flores minuti, glabri, viridescentes, sepalis petalisque usque ad medium canatis partibus liberis leviter reflexis, sepalo intermedio c. 2 mm. longo c. $\frac{1}{2}$ mm. lato parte libera oblongo-ovato apice acuto, sepalis lateralibus petalisque sepalo intermedia subaequimagnis et subaequiformibus.

Labellum cum calcare c. 3 mm. longum, oblongum, margine integrum,

sursum sensim angustatum, prope apicem superne appendice parvulo c. $\frac{1}{2}$ mm. longo conico acuminato infracto instructum, calcare subgloboso obtusissimo glabro c. 1 mm. longo. Columna perbrevis. Capsula elongata, teres, c. 1 cm. longa, $1\frac{1}{2}$ mm. in diametro.

Nom. Jap. Ashinaga-kumo-ran (nov.)

Hab. Formosa; praef. Takao, in silvis secundariis prope Botansha. (N. FUKUYAMA! Maio 30, 1934. no. 4551. Typus in Herb. Orch. Fuk.)

(To be continued)

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CORRIGENDA

Bot. Mag. (Tokyo) Vol. XLVIII, no. 571 p. 438, *lin.* 39, *pro* *Cymbidiums*,
lege *Cymbidium*.
