

Studia Orchidacearum Japonicarum VI*

Orchidaceae Formosae Et Insulae Kôtôsyô Novae Atque Criticae

auctore

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Received April 24, 1935

48) **Orchis Kunihikoana** MASAMUNE et FUKUYAMA, sp. nov.

Orchis kiraishiensis HAYATA form. *leucantha* MASAMUNE, in Journ. Trop. Agr. Taihoku Imp. Univ. III. (1931) p. 246.

Orchis kiraishiensis HAYATA var. *leucantha* MASAMUNE, in Trop. Hort. III. (1933) p. 45.

Terrestris, erecta, glaberrima, c. 10 cm. alta, tuberibus ovoideis 5-10 mm. longis pilosiusculis, radicibus paucis brevibus filiformibus flexuosis puberulis. Caulis tenuis, teres, strictus vel plus minusve flexuosus, glaber. ad medium subconferte vel remote bifolius, interdum unifolius, dimidio inferiore paucivaginatus, vaginis membranaceis glabris caulem complete amplectentibus apice truncatis vel obtusis acutisve.

Folia suberecta, patentia, oblanceolata vel lineari-oblonga vel lanceolata, apice acuta vel breve acuta, basi longe decurrentia et vaginantia, lamina 3-4 cm. longa, medio 5-10 mm. lata, margine integra, in exsiccato membranacea, utrinque glabra.

Flores 2-5, in apice caulis subdense racemosi, subsecundi, albescentes, bracteis foliaceis lanceolatis apice acuminatis basi paullo contractis utrinque glabris florem paullo vel diplo superantibus, pedicellis cum ovariis c. 5-10 mm. longis rectis glabris apice basi que contractis. Sepalum intermedium concavulum, oblongum, apice acutiusculum, basi vix contractum, margine integrum, c. 6.5 mm. longum, medio 2.5 mm. latum, glabrum, membranaceum, trinervatum; sepala lateralia erecto-patentia, ovato-oblonga, obliqua, latere superiore truncata, apice acutiuscula vel apiculata, basi inaequilaterale contracta, c. 8 mm. longa, infra medium 3.5 mm. lata, glabra, membranacea, trinervata. Petala cum sepalo intermedio in galeam conniventia, ovato-oblonga, valde obliqua, apice obtusiuscula, basi vix inaequilaterale contracta, sepalo intermedio subaequilonga, membranacea, glabra, trinervata.

Labellum erecto-patens, e basi perlate cuneatum, supra perbrevisime

* Continued from Bot. Mag. (Tokyo), 49 (1935), p. 444.

51) **Gastrodia lutea** FUKUYAMA, sp. nov.

Saprophytica, aphylla, erecta, c. 35–60 cm. alta, rhizomate ellipsoideo-elongato simpliciter c. 3–5 cm. longo medio c. 1 cm. in diametro haud radiceifero apice ad caulem abeunte. Caulis erectus vel strictus, gracilis, teres, glaber, medio c. 1.5–5 mm. diametens, inferiore approximate superiore remote squamatus, squamis brevibus amplexicaulibus c. 5 mm. longis margine irregulariter crenulatis membranaceis subhyalinis glabris.

Flores apertientes, fere 4–18 in apice caulis laxe racemosi, parte florigera c. 5–20 cm. longa erecta, bracteis parvis patulis triangulatis apice acutis vel obtusis ad basin non contractis c. 3–4 mm. longis membranaceis glabris, pedicellis cum ovarii glabris subrectis bracteis multo longioribus. Sepala usque ad quartam partem apicalem connata, sed antice usque ad basin labelli latissime aperta, c. 1 cm. longa, apice obtusa vel acutiuscula, basi sepalis lateralibus cum pede columnae c. 2½ mm. longo adnata et mentum obtusum formantia, extus flavescens-violacea, intus lutea, utrinque glaberrima. Petala ad marginem inter lobos sepalorum adnata, orbiculata vel ovato-orbiculata, apice obtusa, basi contracta, quam lobi sepalorum plus minusve minora, c. 2½ mm. longa, totiusque lata, utrinque glabra.

Labellum sepalis paullo brevius, toto c. 8 mm. longum, late ovatum, concavulum, apice acutiusculum, basi in unguem brevem productum, margine leviter involutum, infra apicem paullo constrictum, ungue excepto c. 5 mm. longum, supra basin explanato c. 6 mm. latum, intus medio crista una paulloconvexa carnosa nuda medio c. 2 mm. lata longitudinaliter instructum, e margine unguis ad eadem basilarem laminae callosum, subtus glaberrimum. Columna labello brevior, c. 7 mm. longa, erecta, glabra, semiteres, margine subalata, basi in pedem producta, apice steliidiis c. 1 mm. longis obtusis sursum paullo curvatis ornata.

Nom. Jap. Kondiki-yagara (nov.)

Hab. Formosa; insl. Kôtôsyô, in pluviisilvis monte Ômori-yama. (N. FUKUYAMA! Jul. 3, 1934. no. 4681. Typus in Herb. Orch. Fuk.)

52) **Pristiglottis humilis** FUKUYAMA, comb. nov.

Cystopus humilis FUKUYAMA, in Bot. Mag. (Tokyo) XLVIII. (1934) p. 307.

Nom. Jap. *Usubeni-tasiro-ran*.

Hab. Formosa; praef. Sintiku, in laurisilvis inter Sensui et Kami-no-sima. (N. FUKUYAMA! Jul. 1932. no. 3986.)

53) **Acanthephippium pictum** FUKUYAMA, sp. nov.

Terrestre, erectum, 40–60 cm. altum, subcaulescens, rhizomate valde abbreviato, radicibus filiformibus elongatis flexuosis puberulis, caulibus