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# Diagnoses Specierum Novarum Caricum Japonicarum

auctore

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**Carex kiyozumiensis** AKIYAMA sp. nov.

Rhizoma lignosum descendens caespitosum. Culmus 15–25 cm altus gracilis triqueter superne parcissime scaber erectus inferne brevifoliatus (foliis 2 mm latis), basi vaginis albo-brunneis dissolutis fissis obtectus. Folia culmo breviora longiorave 3–4mm lata plana trinerviis conspicuis percursa obscurius septato-nodosa marginibus et ad nervos aspera subrigida. Spiculae 2–4 remotae, terminalis masculina anguste cylindrica 1–2cm longa longe (ad 5 cm) exerta erecta, laterales femineae ovatae 1–1.5 cm longae sublaxi- et pauci-(vix 7-)florae superiores brevissime inferiores ad 2 cm longe pedunculatae, pedunculis setaceis laevibus, erectae. Bractee culmum longe (ima ad 2.5 cm) ampliatiovaginantes superiore vix ima 2 cm longe laminatae. Squamae femineae lanceolato-ovatae acuminatae vix mucronulatae dorso viridi-trinerviae marginibus late albo-hyalinae, masculinae apice rotundatae. Utriculi squamis vix longiores vel aequilongi vix patuli membranacei oblongo-ovati subinflato-trigoni 5–6 mm longi dilute stramineo-virides parce pubescentes, praeter carinas obsolete nervosi, basi attenuati vix 0.3mm longe stipitati, apice in rostrum 2.5 mm longum inferne tumidum ore hyalino bidentatum desinentes. Nux utriculum explens ovata trigona straminea lateribus duobus frontatibus inferne concavis, basi vix cuneato-stipitati, apice in rostrum breviter cylindricum apice discigerum dilatatum contracta. Styli basis pyramidalis persistens. Stigmata 3, 3 mm longa.

Nom. Jap. Shiro-juzu-suge nov.

Hab. Hondo : in itinere vicinitatis Amatsu, in radice montis Kiyosumi, prov. Awa, (S. AKIYAMA, anno 1929), Herb. in Sc. Colleg. Imp. Univ. Hokkaido.

**Carex niko-montana** AKIYAMA sp. nov.

—*C. Sedakowii* MATSUMURA, Index pl. japon. vol. II. 1. (1905) 132 et MAKINO & NEMOTO. Flora of Japan (1925) 1367 (non C.A. MEYER).

Rhizoma caespitosum et stolones longos emittens. Culmus 12-25 cm altus filiformis laevis vel obsoletissime scaber strictus inferne brevifoliatus basi vaginis fusco-brunneis fissis obtectus. Folia culmo breviora vel aequilonga ad 20 cm longa 2.5 mm lata plana parce scabra graminea subrigida. Spiculae 3-5, terminalis masculina raro androgyna et raro e basi ramosa, ramis floribus femineis compositis, lineari-cylindrica vix 1.5 cm longa subdensiflora longe pedunculata, laterales femineae remotae anguste cylindricae 1-2 cm longae sublaxi- et ad ca. 15-florae (raro e basi vix ramosae) longe pedunculatae erectae, pedunculis capillaribus laevibus ad 6 cm longis. Bractee culmum tubuloso-vaginantibus (vaginibus in spiculis inferioribus ad 3 cm longis) breviter (0.5-3 cm) laminatae. Squamae femineae oblongo-ovatae fulvae muticae vel mucronulatae virides carinatae margine late albo-hyalinae, masculinis vix latiores. Utriculi squamas vix superantes erecti membranacei 2.5-3.5 mm longi ellipsoidei trigoni virides glabri obsolete nervosi, basi attenuati 0.5 mm longe stipitati, marginati, apice in rostrum excurvum marginibus laevem vel scabrum ore bidentatum abeuntes. Nux ellipsoidea trigona. Styli basis incrassata. Stigmata 3 (rarius 4), 2-2.5 mm longa.

Nom. Jap. Miyama-awo-suge (MATSUMURA).

Hab. Hondo: Yumoto, prov. Shimotsuke (? anno 1885) in monte Nantai, prov. Shimotsuke (anno 1882); in vicinitatis Nikko, prov. Shimotsuke (Oijin, anno ?), Herb. in Botan. Inst., Sc. Colleg., Imp. Univ. Tokyo.

*Carex oxyandra* (FRANCH. et. SAV.) KUDO, var. **globosa** AKIYAMA var. nov.

Utriculi late ovaes vel subglobosi 3-3.5 mm longi ad 2 mm lati basi valde spongiosi rotundati, breviter abrupte rostrati.

Nom. Marumi-no-hime-suge nov.

Hab. Hokkaido: Tomakomai, prov. Iburi (S. AKIYAMA, anno 1930), Honshiu: in monte Hakkoda, prov. Mutsu (G. KOIDSUMI, anno 1914).

***Carex shakushizawaensis*** AKIYAMA sp. nov.

—*C. kattaiana* HONDA, List of Plant of the Shirouma Alpine Range (1930) 13 (non KÜKENTHAL).

Rhizoma caespitosum. Culmus 25-40 cm altus gracilis triquetus laevis inferne foliatus, basi vaginis aphyllis atro-purpureis reticulatim fissis obtectus. Folia culmum subaequantia accrescentia 3-4 mm lata plana margine parce scabra acuminata submollia. Spiculae 4-6

cyllindrica, terminalis masculina rarius basi breviter feminea 2-3 cm longa subsessilis, laterales femineae apice saepe brevissime masculinae superiores 1-4 approximatae subsessiles 0.5-3 cm longae inferiores 1-2 remotiusculae ad 4 cm longae basi raro vix ramosae suberectae vel pendulae pedunculatae, pedunculis ad 2.5 cm longis filiformibus laevibus. Bracteae superiores squamiformes sequentes setaceae aphyllae longe aristatae, inferiores foliaceae culmum subaequantur basi auriculatae, auriculis atro-purpureis. Squamae lanceolatae atro-purpureae viridicarinatae longe aristatae. Utriculi squamis breviores suberecti membranacei ovati compresso-biconvexi 3.7 mm longi 1.7 mm lati fusco-virentes papilloso hispidi fere enervii, purpureo-punctulati, basi contracti vix stipitati, marginati, marginibus scabris, apice in rostrum purpureo-puncticulatum margine scabrum ore bifurcatum intus scabrum subabrupte desinentes. Nux utriculorum explens ovata biconvexa. Styli basis recurva aequalis. Stigmata 2, 2.5 mm longa.

Nom. Jap. Katta-suge (HONDA).

Hab. Hondo: Shakushizawa, in monte Shirouma, prov. Shinano (K. TAKENAKA, anno 1928), Herb. in Botan. Inst. Sc. Colleg. Imp. Univ. Tokyo.

**Carex Hondae** AKIYAMA sp. nov.

—*C. Deweyana* HONDA, List of Plant of the Shirouma Alpine Range (1930) 13 (non SCHWEIN.).

Rhizoma caespitosum? Culmus 25-30-35 cm altus obtusangulus laevis 1-1.5 mm in diametro debilis strictus inferne foliatus (lamina ad 11 cm longa), vaginis fuscis, Folia 2-3 mm lata plana flaccida viridia parce scabra. Spiculae 5-7 gynaeandreae apice contiguae inferiores parum remotae, sessiles primo vix oblongae demum ovatae 0.5-0.9 cm longae, spicula infima saepe squamiforme bracteata, superiores ebracteatae. Squamae ovatae attenuatae muticae virides tricostatae. Utriculi squamas superantes suberecti tenuiter membranacei lanceolato-ovati plano-convexi 4.3 mm longi 1.2 mm lati fusco-virentes glabri obsolete plurinervioli basi spongiosi contracti brevissime stipitati, anguste marginati, apice in rostrum longum ore albidum leviter bidentatum subsensim attenuati. Nux utriculorum explens ovata marginibus medio vix constricta. Styli basis vix incrassata. Stigmata 2, 1.6 mm longa.

Nom. Jap. Ho-suge (HONDA).

Hab. Hondo: in monte Shirouma, prov. Shinano, (M. HONDA anno 1928), Herb. in Botan. Inst. Sc. Colleg. Imp. Univ. Tokyo.