Revisio Graminum Japoniæ IV.

auctore

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30) **Ischæmum nodulosum**, HONDA sp. nov.

Ischæmum aristatum var. *gibbum*, HACKEL in B. H. B. (1904) p., 527, non in DE CANDOLLE Monogr. Phan. VI. (1889) p. 204; MATSUMURA Ind. Pl. Jap. II. 1. (1905) p. 61.

Ischæmum aristatum subsp. *imberbe*, (non HACKEL) MATSUMURA et HAYATA Enum. Pl. Formos. (1906) p. 525; HAYATA Ic. Pl. Formos. VII. (1918) p. 78, pro var.

Affinis *I. barbatum* et *I. gibbum* sed a prima spiculis pedicellatis binodulosus, et a secunda foliis vaginisque hispidis spiculis longe villosis distinctum.

Culmi erecti v. ascendentes, subrobusti, 50—100 cm. alti. Vaginæ villosa-tomentosæ, nodis glabris v. puberulis. Folia lineari-lanceolata, setaceo-acuminata, basi angustata, 15—25 cm. longa, 5—7 mm. lata, rigida, utrinque hirsuta. Racemi crassi, 6—8 cm. longi. Spiculæ sessiles cum callo 0.8—1 mm. longo valde depresso 6—7 mm. longæ, oblongæ, villosæ; gluma I^{ma} obliqua, infra apicem anguste et inæqualiter alata, in 1/2 inferiores nodulis 2—3 nunc manifestis v. rugis transversalibus subconjunctis, nunc obsoletioribus notata, dorso dense villosa, callo pilis 1/4—1/3 glumæ æquantibus barbato; II^{da} ovato-lanceolata, chartacea, acuta, glabra, margine ciliolata; III^a lanceolata, membranacea, hyalina, glabra, margine ciliolata; IV^a ad 1/2 usque fissa, oblonga, aristæ columna exserta, 10—16 mm. longa. Spiculæ pedicellata gluma I^{ma} dimidiato-ovata, acuta, altero margine exalata, altero ala lata, dorso villosæ, margine binodulosa; II^{da} elevato-carinata, carinis ciliatis; III^a ut in sessilibus; IV^a oblongo-lanceolata, bidentula, mutica.

Nom. Jap. Ibo-kamonohashi (nov.)

Hab.

Formosa: in arenosis Okaseki (U. FAURIE, no. 710, anno 1903); Tamsui (T. MAKINO, anno 1896).

31) **Ischæmum akœense**, HONDA sp. nov.

Affinis *I. rugosum* et *I. semisagittatum* sed a prima foliis brevioribus subcordato-lanceolatis, et a secunda foliis angustioribus, spiculis pedicellatis aristatis distinctum.

Culmi erecti v. basi decumbentes, graciles, glaberrimi, 30—40 cm. longi, ramosi, superne breviter nudi, apice clavati. Vaginæ compressæ, ventricosæ, cymbæformis, glabræ, margine ciliolatæ, nodis puberulis. Ligula oblonga, 2 mm. longa, obtusa, glabra. Folia lanceolata, basi plus minus cordata, 5—7 cm. longa, 6—8 mm. lata, acuminata, glabriuscula, margine scabra. Racemi crassi, 4—6 cm. longi. Spiculæ sessiles ovali-oblongæ, glabræ, cum callo brevissimo pilis ipsum duplo superantibus barbato 4 mm. longæ; gluma I^{ma} infer e cartilaginea, dorso convexo rugis 5—6 transversalibus elevatis notata, superne membranaceo-herbacea, apice obliqua, obtusa, multinervis, margine scaberula, ceterum glabra; II^{da} I^{am} subsuperans, ovata, acutiuscula, dorso coriaceo carinata, carina glabra, margine ciliolata, III^a quam I^{am} parum brevior, lanceolata, acuta, hyalina, 1-nervis; ejus palea ex paullo brevior, enervis; IV^a ovato-oblonga, hyalina, bifida, arista 12—16 mm. longa, columna fusca, glaberrima, subulam albidam inferne laxè tortam subæquante. Spicula pedicellata sessili 1/4 brevior, gluma I^{ma} rugis 2—4 minus distinctis notata, convoluta, multinervis, carina altera angustè alata, ala scabra; IV^a aut integra, mutica aut breviter bidentata aristam imperfectam gracilem 5 mm. longam edens; reliqua ut in spiculis sessilibus.

Nom. Jap. Ko-taiwan-aiashi (nov.)

Hab.

Formosa: Akō (E. MATSUDA, no. A, 132).

32) **Ischæmum Tashiroi**, HONDA sp. nov.

Ischæmum rugosum var. *segetum*, (non HACKER) MATSUMURA Ind. Pl. Jap. II. 1. (1905) p. 61, p.p.

Ischæmum rugosum, (non SALISBURY) MATSUMURA et HAYATA Enum. Pl. Formos. (1906) p. 526, p.p.

Affinis *I. rugosum* sed foliis vaginisque villosito-tomentosis spiculis pilosis distinctum.

Culmi erecti v. ascendentes, 80—100 cm. alti, teretiusculi, simplices, superne longe nudi. Vaginæ teretiusculæ, laxiusculæ, villosito-tomentosæ, nodis pilosis. Ligula oblonga, obtusa, glabra v. ciliolata. Folia lineari-

lanceolata, setaceo-acuminata, basi angustata, plana, rigidiuscula, 15—25 cm. longa, 7—10 mm. lata, hirtula v. glabriuscula, Racemi crassi, 7—10 cm. longi, erecti, arcte appressi. Articuli pedicellique ciliati. Spiculæ sessiles ovali-oblongæ, 6—7 mm. longæ; gluma I^{ma} 6 mm. longa, inferne cartilaginea, convoluta, dorso convexo rugis 3—4 transversalibus elevatis lateribus curvato-ascendentibus ornata, dense pilosa v. pilosula, superne membranaceo-herbacea, apice obliquo obtusa, carina altera latiuscule alata, utraque scabro-ciliata; II^{da} I^{ma} æquans, acutiuscula, dorso coriaceo acute carinata, scabra, margine dense ciliata; III^a quam II^{da} paullo brevior, lanceolata, acuta, hyalina, 1-nervis, margine implicata, ciliolata; ejus palea subæquans, margine glabra, ceterum similis; IV^a quam III^a paullo brevior, ovato-oblonga, hyalina, ad 1/3—1/2 bifida, glabra, arista 12—15 mm. longa, ejus palea lineari-lanceolata. Spicula pedicellata sessili æquans; gluma I^{ma} rugis 2—3 minus distinctis nuda, pilosula, carina altera late alata, ala scabro-ciliolata, multinervis; IV^a lanceolata, integra, acuta, mutica v. mucronata, uninervis; reliqua ut in spiculis sessilibus.

Nom. Jap. Ō-taiwan-aiashi (nov.)

Hab.

Formosa: Taihoku (Y. TASHIRO, No. A 42, anno 1895); Tamsui (T. MAKINO, anno 1896); Hokutō (T. Itō, anno 1917).

33) **Ischæmum stenopterum**, (HACKEL) HONDA nom. nov.

Ischæmum anthebroides var. *stenoptera*, HACKEL in litt. ex NAKAI in T. B. M. XXXIII. (1919) p. 3.

Affinis *I. anthebroides* sed foliis vaginisque glaberrimis, spiculis angustioribus, glumis III. aristulatis distinctum.

Culmi ascendentes, circ. 60 cm. alti, robusti, teretiusculi, simplices, superne plus minus longe nudi et subincrassati. Vaginæ subcompressæ, laxæ, nodis longe barbatis, margine ciliatæ, ceteræ glabræ. Ligula 1 mm. longa, membranacea, truncata, dorso pilosa. Laminæ e basi parum angustata in superioribus rotundata sublanceolato-lineares, acuminatæ, 10—13 cm. longæ, 5—7 mm. latæ, rigidæ, obscure virides, glabrescentes, margine scaberrimæ. Racemi arctissime sibi appressi, circ. 6 cm. longi, crassissimi, longe villosi, villis spiculas fere obtangentibus, alter pedicello 4 mm. longo fultus; articuli pedicellique spicula subduplo breviores, angulis facieque exteriori pilis mollibus canescentibus suberectis dense vestiti. Spiculæ sessiles cum callo 1.5 mm. longo tota superficie villosa 9 mm. longæ, angustæ, brunneo-virides; gluma I^{ma} anguste

oblonga, apice bifida, dorso scabra, usque medium barbata, superne elevato-7—8-nervis; II^{da} ovato-lanceolata, acute bidentata, inter dentes ciliolatos breviter mucronata, obsolete carinata, 5-nervis, marginibus ciliata, dorso glabra; III^a lanceolata, 6 mm. longa, membranacea, 1-nervis, glabra, marginibus implicatis ciliolata, bidentula, inter dentes mucronem v. aristulam 2.5 mm. longam emittens; ejus palea paullo brevior, subchartacea, lanceolata, obtusa, dorso glabra, marginibus ciliolata, enervis; IV^a quam II^{da} 1/2 brevior, ovato-oblonga, inferne membranacea, margine apiceque bifido hyalina, 1-nervis, margine ciliolata, aristam emittens nunc brevissimam intra glumas latentem nunc—10 mm. longam perfectam e glumis breviter exsertam, cujus columna spadicea subulam rectam flavidam æquat; ejus palea ipsam conspicue superans, subulato-lanceolata, hyalina, glabra, enervis. Antheræ in flore hermaphrodito sæpe minime (0.5 mm. longæ), effcæ æ. Stigmata anguste lineares, rufa, stylos æquantia. Spiculæ pedicellatæ 7—8 mm. longæ, angustæ, villosæ; gluma I^{ma} acutiuscula, carina media acuta superne spinuloso-ciliata, 7—9-nervis; II^{da} obtuse bidentata, dorso parce villosa; IV^a brevissime aristata (arista circ. 1—1.5 mm. longa); reliqua ut in spiculis sessilibus.

Nom. Jap. Hosomi-no-kekamonohashi (T. NAKAI).

Hab.

Corea: Quelpært, in littore (TAQUET, ro. 1809, anno 1908).

34) **Ischæmum coreanum**, NAKAI mss. (in Sched. Herb. Imp. Univ. Tokyoensis, 1920) sp. nov.; MORI Enum. Pl. Cor. (1922) p. 45.

Vaginæ glabræ v. margines pilosæ, nodis barbatis. Ligula brevissima. Laminæ acuminatæ, pilosæ. Racemi bini, 6 cm. longi, crassissimi; articuli pedicellique spicula subæquilongi, ciliati. Spiculæ sessiles cum callo 1.5 mm. longo 6—7 mm. longæ: gluma I^{ma} 5.5 mm. longa, subcoriacea, apice bifida, margine anguste alata, 5-nervis, dorso longe barbata; II^{da} I^{am} æquans, ovato-lanceolata, acuminata, dorso carinata, margine ciliata, 5-nervis; III^a I^{am} æquans, lanceolata, acuta, hyalina, margine implicata, ciliata, 3-nervis; ejus palea paullo brevior, enervis, ceterum similis; IV^a III^{am} superans, lanceolata, hyalina, apice bifida, glabra, mucronata v. breviter aristata; ejus palea paullo longior, lineari-lanceolata, glabra, enervis. Stigmata stylis triplo longiora. Spiculæ pedicellatæ 6—7 mm. longæ, angustiores; gluma I^{ma} late lanceolata, multinervis, carina laterali late alata, longe pilosa; IV^a breviter mucronata, reliqua ut in spiculis sessilibus. Antheræ 2—2.5 mm. longæ.

Nom. Jap. Chōsen-kamonohashi (nov.)

Hab.

Corea: Seoul (N. OKADA, anno 1912).

Planta endemica!

35) **Ischæmum crassipes**, NAKAI in Catalogus seminum et sporarum Horti Botanici Universitatis Imperialis Tokyoensis (1914) p. 4.

var. **aristatum**, NAKAI mss. (in Sched. Herb. Imp. Univ. Tokyoensis, 1918) var. nov.

Ischæmum Sieboldii, (non MIQUEL) MATSUMURA Ind. Pl. Jap. II. 1. (1905) p. 61 p.p.; MATSUMURA et HAYATA Enum. Pl. Formos. (1906) p. 526.

Ischæmum crassipes var. *Hondæ*, NAKAI in T. B. M. XXXIII. (1919) p. 2 p.p.

Gluma I^{ma} spiculæ sessilis oblonga v. lineari-oblonga, plus minus alata; IV^a aristam exsertam 5—10 mm. agens. Gluma IV^a spiculæ pedicellata brevissime aristulata.

Nom. Jap. Noge-kamonohashi.

Hab.

Hondo: mons Tsukuba, prov. Hitachi (C. Ōwatari, anno 1896); Tōkyō, p. ov. Musashi (K. Itō, anno 1878); oppidum Wada, prov. Musashi (J. MATSUMURA, anno 1879).

Kiusiu: Mimitsu, prov. Hiuga (R. YATABE et J. MATSUMURA, anno 1882).

Liukiu: Okinawa (T. MIYAGI, no. 45); insula Miyako (Y. TASHIRO, no. 6, anno 1887); Nago (no. 239, anno 1912); Shuri (no. III, 21, anno 1894).

Formosa: Kisan (B. HAYATA, anno 1916); Kussaku (S. NAGASAWA, no. 357, anno 1904).

Corea: in littore Chanzen (T. NAKAI, no. 5110, anno 1916).

36) **Ischæmum Hondæ**, MATSUDA in T. B. M. XXVII. (1913) p. 106.

Ischæmum crassipes var. *Hondæ*, NAKAI in T. B. M. XXXIII. (1919) p. 2 p.p.

var. **tomentosum**, HONDA var. nov.

Culmis erectis, superne villosa-tomentosis. Foliis vaginisque longe albo-pilosissimis.

Nom. Jap. Taiwan-kekamonohashi (nov.)

Hab.

Formosa: Kelung (S. SASAKI, anno 1911).

Distrib. (typ.) China.

37) **Ischæmum Urvilleanum**, KUNTH Revis. Gram. I. p. 167, et Enum. Pl. I. (1833) p. 512; BRONGNIART in Voy. Coqu. Bot. p. 69, t. 12; TRINIUS in Mem. Ac. St. Petersb. (1836) p. 87; HACKEL in MARTIUS Fl. Bras. II, 3. (1878—1883) p. 260, t. 72, f. 1., et in DE CANDOLLE Monogr. Phan. VI. (1889) p. 217.

Ischæmum minus, J. S. PRESL in C. B. PRESL Rel. Haenk. I. (1830) p. 329; KUNTH Enum. Pl. I. (1833) p. 514; MIQUEL Fl. Ind. Bat. III. (1855). p. 498.

Andropogon Urvilleanus, STEUDEL Syn. Glum. I. (1855) p. 376.

Andropogon minor, STEUDEL l. c. p. 377.

Paspalum axicilium, STEUDEL l. c. p. 20.

var. **ischæmoides**, (W. J. HOOKER et ARNOTT) HONDA nom. nov.

Spodiopogon ischæmoides, W. J. HOOKER et ARNOTT Bot. BEECHEY'S Voy. (1841) p. 274; HACKEL in DE CANDELLE Monogr. Phan. VI. (1889) p. 218.

Ischæmum australe, (non R. BROWN) NAKAI in T. B. M. XXVI. (1912) p. 97.

Ischæmum boninense, HONDA ex TOYOSHIMA in Ringyō-hiken-ihō, no. 8. (1922) p. 51.

Nom. Jap. Shima-kamonohashi (T. NAKAI).

Hab.

Bonin: insula Minamishima (B. KAWATE, anno 1906); Kiyose (B. KAWATE, anno 1912); Takeda Pascuum (S. NISHIMURA, no. 589, anno 1916).

38) **Ischæmum setaceum**, HONDA sp. nov.

Culmi basi decumbentes, ad nodos radicales, dein ascendentes, 15—25 cm. alti, graciles, superne breviter nudi. Vaginæ laxiusculæ, glabræ, nodis glabris. Ligula membranacea, truncata, 1 mm. longa, glabra. Folia e basi parum angustata, lineari-lanceolata, acuminata, 3—5 cm. longa, 3—4 mm. lata, glabra. Articuli pedicellique crassiusculi, angulo exteriori pilis rigidulis articulo æquantibus ciliati, interioribus breviter ciliolati v. glabri. Spiculæ sessiles lineari-lanceolatæ, rufescentes; gluma I^{ma} 4 mm. longa, bimucronata, marginibus inferne late inflexis auriculata, dorso plana, glabra, inferne lævi, superne scaberrula, 2—3-nervis; II^{da} I^{am} æquans, ovato-lanceolata, acuminata, ex apice aristam

1—2 mm. longam exserens, præter carinam glaberrima, margine ciliata; III^a quam I^{ma} paullo brevior, oblonga, obtusa, margine ciliolata; IV^a quam II^{da} $1/3$ brevior, lineari-oblonga, margine ciliata, arista 10—12 mm. longa. Spiculæ pedicellatæ gluma I^{ma} brevissime aristulata v. mucronata, carina scaberula; II^{da} ut in spiculis sessilibus, sed brevior aristata; III^a et IV^a ut in sessilibus.

Nom. Jap. Ko-hanakamonohashi (nov.).

Hab.

Formosa: Kōtōshō S. (SASAKI, no. 7, anno 1911).

39) **Ischæmum ciliare**, RETZIUS Obs. VI. p. 36.

var. **scrobiculatum**, (WIGHT et ARNOTT) HONDA nom. nov.

Ischæmum scrobiculatum, WIGHT et ARNOTT ap. STEUDEL Syn.

Glum. I. (1855) p. 373.

Spodiopogon scrobiculatus, NEES ap. STEUDEL l. c.

Andropogon bifidus, STEUDEL l. c.

Andropogon similimus, STEUDEL l. c.

Spodiopogon zylanicus, NEES ap. STEUDEL l. c. p. 377.

Andropogon Macraci, STEUDEL l. c.

Ischæmum ciliare var. *genuinum* subvar. *scrobiculatum*, HACKEL in DE CANDOLLE Monogr. Phan. VI. (1889) p. 226; J. D. HOOKER Fl. Brit. Ind. VII. (1897) p. 134.

Nom. Jap. Sōzan-himekamonohashi (nov.).

Hab.

Formosa: Sōzan (E. MATSUDA, no. H. 31 et 227, anno 1918).

Distrib. Ceylonia.

40) **Ischæmum timorense**, KUNTH Revis. Gram. I. p. 369, t. 98, et Enum. Pl. I. (1833) p. 512.

var. **peguense**, HACKEL in DE CANDOLLE Monogr. Phan. VI. (1889) p. 230.

Spodiopogon Blumii NEES ap. STEUDEL Syn. Glum. I. (1855) p. 373 p.p.

Nom. Jap. Ke-Timor-kamonohashi (nov.)

Hab.

Formosa: Taihoku (T. SŌMA, anno 1910).

Distrib. Pegu, Martaban.

41) **Ischæmum guianense**, KUNTH Revis. Gram. I. p. 168, et Enum. Pl. I. (1833) p. 514; HACKEL in DE CANDOLLE Monogr. Phan. VI. (1889) p. 235.

Andropogon guianensis, STEUDEL Syn. Glum. I. (1855) p. 382.

Ischæmum guianense α . *geminus*, HACKEL l. c. p. 236.

Ischæmum guianense β . *Schomburgkii*, HACKEL l. c.

Nom. Jap. Mitsude-himekamonohashi (nov.)

Hab.

Formosa: Shūshū (B. HAYATA)

Distrib. Guyana.

EULALIOPSIS HONDA gen. nov.

Culmi erecti v. ascendentes. Folia plerumque anguste linearis, elongata. Vaginæ teretes, arcuæ, striatæ, glabræ sed inferiores basi tomento copioso fulvo-cinereo crispo facile per pannos avellibili tectæ. Racemi digitati v. subpaniculati, sæpe abbreviati. Rhachi pedicellique præter annulum pilorum brevium ad basin spicularum glabriusculi. Spiculæ ad quemvis rhachæos nodum binæ, primaria pedicellata, secundaria sessilis, omnes conformes, dense aureo-barbatæ, aristatæ. Gluma I^{ma} mutica, lanceolata, plerumque 2—3 dentata, marginibus angustissime implicata, plurinervis, densè pilosa; II^a aristata v. mucronata, pilosa; III^a hyalina, obtusa, glabra, enervis; IV^a linearis, ex apice acutiusculo ciliato aristam emittens perfectam. Palea late ovalis, enervis, glabra v. apice ciliata. Stamina 3. Stigmata linearia, longiuscula.

The present genus is very closely allied to *Eulalia*, from which it differs in having the almost glabrous rachis and two angled fragile pedicel, and it is also easily distinguished from *Pollinia* in having the barbate spicule and narrow linear leaf. It comes near to *Spodiopogon* and *Ischæmum*, but differs from the first in having the short and not paniculate inflorescence, from the second in having the two angled pedicel and not carinate glume.

42) **Eulaliopsis angustifolia**, (TRINIUS) HONDA nom. nov.

? *Andropogon binatus*, RETZIUS Obs. V. p. 21.

Spodiopogon angustifolius, TRINIUS in Mém. Acad. Petersb. ser. 6, II. (1833) p. 300, et Sp. Gram. Ic. III. (1836) t. 336.

Andropogon notopogon, NEES ex STEUDEL Syn. Glum. I. (1855) p. 373.

Pollinia eriopoda, HANCE in Journ. Bot. IV. (1866) p. 173; DYER in J. L. S. XX. (1884) p. 409.

Ischæmum angustifolium, HACKEL in DE CANDOLLE Monogr. Phan. VI. (1889) p. 241, et in B. H. B. (1899) p. 723; OLIVER in HOOKER Ic. Pl. XVIII. (1887–8) t. 1773; HENRY List Pl. Formos. (1896) p.

108; J. D. HOOKER Fl. Brit. Ind. VII. (1897) p. 129; PILGER in ENGLER Bot. Jahrb. XXIX. (1900) p. 222; RENDLE in J. L. S. XXXVI. (1904) p. 364; MATSUMURA Ind. Pl. Jap. II. 1. (1905) p. 60; MATSUMURA et HAYATA Enum. Pl. Formos. (1906) p. 525; HITCHCOCK et CHASE in Contrib. U. S. Nat. Herb. XVIII, 7. (1917) p. 274; HAYATA Ic. Pl. Formos. VII. (1918) p. 78.

Nom. Jap. Wata-gaya.

Hab.

Formosa: Ape's Hill (R. SWINHOE, no. 1865); Hōsan, Binōshō (Y. TASHIRO, no. 328, anno 1896); Akō, Raisha (E. MATSUDA, anno 1916); Takow.

Distrib. India, China, Ins. Philippinae.

EULALIA, KUNTH Revis. Gram. I. (1829) p. 359, et Enum. Pl. I. (1833) p. 479; STEUDEL Syn. Glum. I. (1855) p. 412; Kuntze Rev. Gen. (1891). p. 775.

Pollinia subgen. *Eulalia*, BENTHAM et J. D. HOOKER Gen. Pl. III. (1883) p. 1127; HACKEL in DE CANDOLLE Monogr. Phan. VI. (1889) p. 152; STAFF in Fl. Cap. VII. (1897—1900) p. 325.

43) **Eulalia Tanakæ**, (MAKINO) HONDA nom. nov.

Miscanthus Tanakæ, MAKINO in T. B. M. VIII. (1894) p. 90.

Pollinia Tanakæ, MAKINO in T. B. M. XII. (1898) p. 165, et XXVIII. (1914) p. 165.

Pollinia quadrinervis, (non HACKEL) MATSUMURA Ind. Pl. Jap. II. 1. (1905) p. 80 p.p.

Nom. Jap. Unnuke.

Hab.

HONDO: Kōshi et Futagawa, prov. Mikawa (T. MAKINO, anno 1894).

44) **Eulalia quadrinervis**, (HACKEL) KUNTZE Rev. Gen. (1891) p. 775.

Erianthus tristachyus, NEES in HOOKER et ARNOTT Bot. Beech. Voy. (1841) p. 241, et in Nov. Act. Nat. Cur. XIX. Suppl. I. (1843) p. 183, excl. syn.

Pollinia villosa, (non SPRENGEL) MUNRO in BENTHAM Fl. Hongk. (1861) p. 420.

Pollinia quadrinervis, HACKEL in DE CANDOLLE Monogr. Phan. VI. (1889) p. 158, et in B. H. B. (1899) p. 640, 721; J. D. HOOKER Fl. Brit. Ind. VII. (1897) p. 110; PILGER in ENGLER Bot. Jahrb. XXIX. (1900) p. 222; PALIBIN Consp. Fl. Kor. III. (1901) p. 30;

RENDLE in J. L. S. XXXVI. (1904) p. 356; MATSUMURA Ind. Pl. Jap. II. 1. (1905) p. 80 p.p.; NAKAI Fl. Kor. II. (1911) p. 340; MATSUDA in T. B. M. XXVII. (1913) p. 119, et XXVIII. (1914) p. 321; MAKINO in T. B. M. XXVIII (1914) p. 168.

Pollinia (Eulalia) sp., MAKINO in T. B. M. XII. (1898) p. 165.

Nom. Jap. Unnuke-modoki; Ko-kariyasu.

Hab.

Hondo: Futagawa, prov. Mikawa (T. MAKINO, anno 1894).

Shikoku: Kamomyō, prov. Awa (J. NIKAI, no. 1734, anno 1907; no. 2616 et 2672, anno 1913).

Liukiu: sine loco speciali (TASHIRO, fide HACKEL).

Corea: Chemulpo (BUNGE).

Distrib. China, Himalaya, et India sept.

45) **Eulalia speciosa**, (DEBEAUX) KUNTZE Rev. Gen. (181) p. 775.

Erianthus speciosus, DEBEAUX in Act. Soc. Linn. Bordeaux, XXXII. (1878) p. 53, et Fl. Tchéfou, p. 166; FRANCHET in Mém. Soc. Sci. Nat. Cherbourg, XXIV. (1884) p. 272.

Pollinia speciosa, HACKEL in DE CANDOLLE Monogr. Phan. VI. (1889) p. 159; J. D. HOOKER Fl. Brit. Ind. VII. (1897) p. 113; RENDLE in J. L. S. XXXVI. (1904) p. 357; MATSUDA in T. B. M. XXVIII. (1914) p. 321.

Nom. Jap. Honaga-kosusuki.

Hab.

Corea: in montibus Natschon (TAQUET, no. 6107, 1912).

Distrib. India occ., China.

var. **modesta**, (HACKEL) HONDA nom. nov.

Pollinia speciosa var. *modesta*, HACKEL in B. H. B. (1904) p. 532; NAKAI Fl. Kor. II. (1911) p. 340.

Nom. Jap. Ko-susuki.

Hab.

Corea: Chemulpo (T. UCHIYAMA, no. 32, anno 1900).

Planta endemica!

46) **Isachne Myosotis**, NEES in HOOK. Kew Journ. II. (1850) p. 98.

var. **minor**, HONDA var. nov.

Culmi humilior circ. 4—6 cm. alti; Paniculae parvae, valde laxae; folia 7—10 mm. longa.

Nom. Jap. Hina-chigozasa (nov.)

Hab.

Kiusiu: Ins. Yakushima (Y. YOSHII et A. KIMURA).

Liukiu: in monte Yonahadake (Y. TASHIRO).

47) **Panicum muscarium**, TRINIUS Sp. Gram. Ic. II. (1829) t. 235; KUNTH Enum. Pl. I. (1833) p. 105; STEUDEL Syn. Glum. I. (1855) p. 79.

Nom. Jap. Hime-nukakibi (nov.)

Hab.

Formosa: Kishitō in Taichū (T. ITŌ, anno 1916); Shijō in Nantō (T. ITŌ, anno 1916); Nantō (Y. SHIMADA, anno 1917).

Distrib. Sierra Leona in Africa.

Planta nova ad Floram Japonicam!

48) **Isachne dispar**, TRINIUS Sp. Gram. Ic. I. (1828) t. 86; KUNTH Enum. Pl. I. (1833) p. 136; MIQUEL Fl. Ind. Bat. III. (1855) p. 460; J. D.

HOOKEER Fl. Brit. Ind. VII. (1897) p. 26.

Panicum dispar, STEUDEL Syn. Glum. I. (1855) p. 96.

Isachne heterantha, HAYATA Ic. Pl. Formos. VII. (1918) p. 56.

Nom. Jap. Menten-chigazasa (B. HAYATA).

Hab.

Formosa: Taihoku, Mentenzan (Y. SHIMADA, anno 1914); Hokutō (G. NAKAHARA, anno 1906).

Distrib. Nepalia.