Bambusaceæ Japonicæ.

(Continued from p. 24.)

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CORRECTIONS.

Pages 21, 23, and 24, for "1900 nen France Paris Bankoku Hakuran-Kwai Shuppinbutsu Kaisetsu-Sho" read Description des Produits forestiers envoyés à l'Exposition universelle de 1900 à Paris par le Ministère de l'Agriculture et du Commerce.

Arundinaria (Bambusoides) **albo-marginata** Makino nom. nov.

Rhizome creeping, internodes short, terete, narrow. Culm erect or ascending, attaining a height of about 2 m. and a diameter of about 8 mm., branched above, usually encircled with old sheaths which are somewhat swollen at the base, terete, fistulose, smooth, with very slightly prominent nodes, the longest internode about 15 cm., branches one to a node, fastigate, terete, encircled with piloso-pubescent sheaths. Leaves 5-7 to a branchlet, approximate, palmately arranged, oblong-lanceolate or narrow-oblong, more or less abruptly acuminate with a fine point, rounded or rounded-obtuse at the base and decurrent to a short distinct petiole which is 4-10 mm. in length, ciliato-scabrous on the margin, coriaceous-chartaceous, glabrous, green above, glaucous beneath, albo-marginate by decaying but entirely green when young, 10-24 cm. long, $3\frac{1}{2}$ -7 cm. broad; midrib slender, prominent beneath; veins 7-10 on each side; venules very finely tessellate; ligule short, subcoriaceous, truncate, minutely ciliated on the margin, pubescent externally; sheath narrowly terete, coriaceous, finely striate, ciliated-margined, more or less pilose or glabrate, at first rigidly fimbriate at the mouth. Peduncle slender, erect, lateral on stems, usually exceeds the leaves, encircled with sheaths throughout, nodes glabrous. Panicle oval, about 13-14 cm. long, with filiform loose and erect-patent or spreading 2nd rachises; main rachis pubescent as are 2nd rachises and pedicels; pedicel filiform. Spicula

longer than the pedicel, narrowly linear, compressed, rather laxly 4–8-flowered, the longest one about $3\frac{2}{3}$ cm.; rachilla filiform, flexuous, pubescent, the internodes compressed, 4–5 mm. long. Flower erect, lanceolate, acute, pale-viridescent, somewhat costate when dry, 6–7 mm. long. Empty glumes 2, approximate; I very minute, deltoid-subulate, pubescent; II much larger than the I, 2–3 mm. long, oval or elliptical, mucronato-retuse or mucronato-emarginate, membranaceous, pubescent, ciliated-margined, few-nerved. Flowering glume ovate, mucronate, ciliated-margined, pubescent toward the margin and the apex, chartaceo-membraneous, 10–14-nerved, with loose and delicate transverse venules between veins. Palea equal to the flowering glume in length, elliptical, convoluto-lanceolate, truncate or subbifid at the apex, membranaceous, bicarinate, piloso-pubescent and ciliated towards the apex, puberulent on the dorsal surface, ciliato-scabrous along the carinae above, about 8-nerved, with loose and delicate transverse venules between veins. Lodiculæ 3, elliptical, piloso-ciliated towards the obtuse apex. Stamens 6; filament filiform; anther linear, bifid at both ends, 5 mm. long, yellow. Ovary obovato-oblong; styles 3, short, connate at the base; stigmas plumose.

Phyllostachys bambusoides β . *albo-marginata* Miq. Prol. fl. Jap. p. 172; Id. Catal. Mus. bot. Lugd.-Batav., Fl. Jap. p. 114.

Bambusa senanensis γ . *albo-marginata* Franch. et Sav. Enum. pl. Jap. II. p. 606; Hack. in Bull. herb. Boiss. VII. 1899, p. 720.

Bambusa albo-marginata Makino in Description des Produits forestiers envoyés à l'Exposition universelle de 1900 à Paris par le Ministère de l'Agriculture et du Commerce.

Bambusa Veitchii Carrière in Revue Hortic. 1889, p. 90; Wats. in Gard Chron. 3rd. Ser. III. 1888, p. 332; Kew Bulletin, 1889, p. 79, excl. syn.

Arundinaria Veitchii N. B. Brown in Gard. Chron. 3rd. Ser. V. 1889, p. 521, excl. syn. nonnul; Bean l. c. 3rd. Ser. XV. 1894, pp. 209, 301; Mitf. Bamb. Gard. p. 77, cum tab.

Bambos kumasasa b. *fuirinokumsasa* sive *Jakiwasasa* Sieb. Syn. pl. œconom. Jap. p. 6.

Nom Jap. *Kuma-zasa*, *Yakiba-zasa*.

Hab. Prov. TOSA: Sakawa (*T. Makino*! 1885, Nov. 1892); Prov. ŌMI: Mt. Shidzuga-dake (*T. Makino*! Nov. 1894); Prov. MUSASHI: Nobitome (*T. Makino*! May 13, 1894), Higashi-Kōya (*S. Matsuda*! May 27, 1894).

Common nearly throughout Japan, growing on mountains and hills.

The leaves are distinguished by the margins changing into white towards the autumn.

Forma minor Makino.

Dwarf, attaining about 27 cm. in height. Leaves much smaller, 3–14 cm. long, 8–32 mm. wide; veins 2–7 on each side.

Bambusa albo-marginata forma minor Makino in Description des Produits forestiers envoyés à l'Exposition universelle de 1900 à Paris par le Ministère de l'Agriculture et du Commerce.

Nom. Jap. *Ko-kuma-zasa*.

Hab. Prov. MINO: Kusafuka, cult. (*T. Makino*! Aug. 1899); Prov. MUSASHI: Tokyo (*T. Makino*! March 1900).

This form is usually planted in gardens.

(*To be continued.*)

Plantæ Japonenses novæ vel minus cognitæ.

(*Continued from p. 12.*)

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Pittosporum illicioides Makino in Botan. Magaz., Tōkyō, XIV. p. 31.

An evergreen shrub, ramose, attaining about 2 m. in height. Branches and branchlets verticillate, terete, glabrous, drab-fulvous but drab-cinereous in branchlets, thinly dispersed with inconspicuous minute and punctate lenticels, leafy towards the apex. Winter-bud small, ovate, situated on the extremity of branchlet, solitary or about 2–5 closely placed, terminal or axillary, dark-brown; scales small, imbricated, ovate or ovato-deltoid or deltoid-subulate, acute, herbaceo-coriaceous, glabrous except the very minutely ciliated margin or more or less puberulent towards the margin. Leaves spreading, sparse, but those of nodes and extremities of branchlets especially approximate and falsely verticillate, petiolate, obovato-lanceolate, cuneate towards the base and gradually attenuated to the petiole, shortly and more or less abruptly acuminate at the apex with an acute tip, entire and undulate on the margin, subcoriaceous, glabrous, green above, pallid beneath, 4–13 cm. long, 2–5 cm. broad; midrib prominent beneath;