

## AN ENUMERATION OF FORMOSAN FICUS\* I

Tyōsyun SATA

(Received for publication February 20, 1934)

## FICUS, TOURN. ex LINN.

Subgenus 1. *Urostigma* MIQ. in Ann. Mus. Lugd. Bat. III.Section 1. *Stilpnohyllum* (ENDL.) SATA, comb. nov.= *Subgenus Stilpnohyllum* ENDL. Gen. Pl. Suppl. IV. P. II. p. 35. F. (Syn. Nov.).

Receptaculum involucreatum, intus bracteolatum, saepe axillaria foliolis vel ramulis. Flores (masculini, feminei, et gallipari) in eodem receptaculo staminigeri pistilligeri mixti, sessiles vel pedunculati, bracteolis imbricatis inclusis. Perianthium triphyllum, foliolis valvatis. Stamina. Stamen unicum, filamentum brevissimum, anthera bilocularia cordata. Pistillum. Germen sessile, uniloculare. Stylus lateralis; stigma incrassatum, breve, papillosum.

(1) *Ficus nervosa* HEYNE,

in ROTH's Nov. Spec. Pl. 338.; WIGHT. Ic. f. 660.; MIQ. in Ann. Mus. Lugd. Bat. III. 236.; BENTH. Fl. Hong-Kong. 327.; KING, in Ann. Bot. Gard. Calc. I. p. 53, f. 65.; FORBES & HEMSLEIGH. Fl. Sin. II. p. 464.; HENRY, List Pl. Formos. p. 87.; MAXIM. in Mém. Biol. XI. p. 333.; HOOK. f. Fl. Brit. Ind. V. p. 512.; MATSUMURA & HAYATA, Enum. Pl. Formos. p. 375.; HAYATA, Ic. Pl. Formos. VIII. p. 120.; Gen. Ind. Fl. Formos. p. 69.; SASAKI, List Pl. Formos. p. 154.; Rep. No. 9 (Cat. Gov. Herb.). Dept. Forest. Gov. Res. Inst. Taihoku, Formos. p. 173.; KUDO & MASAMUNE, in Ann. Rep. Taihoku Bot. Gard. Formos. II. p. 26.; KANEHIRA & SASAKI, in Journ. Soc. Trop. Agr. Formos. V. 1. p. 50. (133).

*Jap. name:* Kasiwaba-inubiwa, or Kasiba-inubiwa.

*Distrib.:* Southern China, Eastern & Southern India, Burmah, Malayan peninsula, Archipelago and Taiwan (Formosa).

(2) *Ficus cuneato-nervosa* YAMAMOTO,

in Suppl. Ic. Pl. Formos. I. p. 1.; SASAKI, List Pl. Formos. p. 153.; Rep. No. 9 (Cat. Gov. Herb.). Dept. Forest. Gov. Res. Inst. Taihoku, Formos. p. 171.; KUDO & MASAMUNE, in Ann. Rep. Taihoku Bot. Gard. Formos. II. p. 25.; KANEHIRA & SASAKI, in Journ. Soc. Trop. Agr. Formos. V. 1. p. 48. (127).

*Jap. name:* Kwasyō-inubiwa.

*Type Specimens* are deposited in Herb. Taihoku Bot. Gard. Dept. Forest. Gov. Res. Inst. Formos.—No. 7847! (Hab. Isl. Kwasyōtō, leg. T. SŌMA, Jul., 1915.); and No. 7848! (Hab. Isl. Kōtōsyō "Botel Tobago", leg. S. SASAKI, Jun., 1924).

\* Contributions from the Horticultural Institute, Taihoku Imperial University, No. 14.

*Jap. name*: Kusano-inubiwa.

*Type Loc.*: Isl. Kôtôsyô "Botel Tobago", Taiwan (Formosa).

*Distrib.*: An endemic plant for the flora of Taiwan.

(25) *Ficus Kingiana* HEMSLEY,

HOOK. f. Ic. Pl. t. 2335.; FORBES & HEMSL. Ind. Fl. Sin. II. p. 463.; HENRY, List Pl. Formos. p. 88.; MATSUMURA & HAYATA, Enum. Pl. Formos. p. 380.; HAYATA, Ic. Pl. Formos. VIII. p. 120.; Gen. Ind. Fl. Formos. p. 69.; SASAKI, List Pl. Formos. p. 154.; Rep. No. 9 (Cat. Gov. Herb.). Dept. Forest. Gov. Res. Inst. Formos. p. 172.; KUDO & MASAMUNE, in Ann. Rep. Taihoku Bot. Gard. Formos. II. p. 25.

*Jap. name*: King-inubiwa, or Hosoba-muku-inubiwa. (Nov.)

*Type Loc.*: Tamsui and Kehlung, Taiwan (Formosa).

*Distrib.*: An endemic plant to the flora of Taiwan.

(26) *Ficus Hayatae* SATA, spec. nov.

=? *F. gibbosa* (non. BL.) HAYATA,

Ic. Pl. Formos. VIII. p. 120.; Gen. Ind. Fl. Formos. p. 69.; MATSUMURA & HAYATA, Enum. Pl. Formos. p. 376.; KUDO & MASAMUNE, in Ann. Rep. Taihoku Bot. Gard. Formos. II. p. 25. (*Syn. Nov.* ?).

=? *F. rigida* (non BL.) SASAKI,

Rep. No. 9 (Cat. Gov. Herb.). Dept. Forest. Gov. Res. Inst. Taihoku, Formos. p. 174.; List Pl. Formos. p. 155.; KANEHIRA & SASAKI, in Journ. Soc. Trop. Agr. Formos. V. 1. p. 51. (142). (*Syn. Nov.*).

Species ex affinitate *F. Kingiana*, a qua differet foliis magnus amplius cum basis gibbosis et triplinervis, et receptacula magnus nonnihili, pedunculis longibus.

Arbor parbus, ramulis pendulis.

Folia alterna, breviter petiolata, tenuia aliquanta, vix coriacea, supra uterque scabrida, ovato-oblonga, saepe inequilatera, 6-12 cm. longa; apice retusa vel acuminata; basi acuta, sed saepius multo inequilatera et gibbosa; margine integra vel sub-undulata, a basi triplinervia valida; venis primariis lateralibus 6 vel 7, sub-conspicuis, supra adpressis.

Receptacula ad axillaria foliorum solitarium vel geminatum, pedunculata, scabriuscula, 0.5 cm.—1 cm. in diametro; pedunculi graciles, ad basi receptaculi 3 minutis instructi.

Flores masculini sessiles vel breviter stipitates, perianthii segmenta 4, spathulata, oblanceolata vel linearia; antherium 2.

Flores gallipari sub-sessiles vel stipitates; perianthii segmenta 4, oblonga vel spathulata, ovario stipitato globulo.

Flores feminei ignoti.

*Jap. name*: Hokoba-inubiwa, or Muku-inubiwa.

*Type Spec.*: Herb. Prof. T. TANAKA (in Holt. Inst. Taihoku Imp. Univ. Taiwan (Formosa)).—No. 17705! and 17706!; 17707!. (Hab. Isl. Kôtôsyô "Botel Tobago", Taiwan.; leg. T. SATA; Aug., 1932).

*Type Loc.*: Isl. Kôtôsyô "Botel Tobago", Taiwan (Formosa).

*Distrib.*: An endemic plant for the flora of Taiwan.