

初島住彦*：小笠原産タコノキ属の一新種

S. HATUSIMA* : A New Species of *Pandanus* from Japan***Pandanus* (§ *Keuria*) *furusei* HATUSIMA, sp. nov., Fig. 1~3**

Arbuscula, caulis simplex vel pauce ramosus 3~3.5 m. altus et 40 cm. crassus. Folia valde coriacea ca. 200 cm. longa et 10 cm. lata (ad basim), supra medium deflexa, sensim usque ad apicem attenuata longe acuminato-subulata, marginibus dentato-serratis, dentibus inferioribus ca. 3 mm. longis a se 5-12 mm. remotis, superioribus minoribus angustioribusque, costa media

promote praeter basim versus remotiuscule serrata. Syncarpia 9, ad usque apicem peduncule racemosim triseriatimque disposita (spica ca. 30 cm. longa); syncarpium elongato-ellipticum intus ± complanatum, in sicco ca. 10 cm. longum et 5 cm. latum, pedunculis fructiferibus ca. 5 cm. longis. Phalanges numerosae subprismaticae in sicco 2.3-2.5 cm. latae, 1.3-2.0 cm. latae, plerumque sexangularis, apice truncatae, loculis 6. Endocarpium osseum lineari-oblongum 5-7 mm. longum et 1.5-2 mm. latum usque ad medium situm. Stigmata parva plerumque 6, ca. 1 mm. lata. Spadices mas-

Fig. 1. *Pandanus furusei* HATUSIMA (holotype)

Leaf

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culis racemiformis pedunculati, ca. 30 cm. longi, rami ca. 10, subsessilis ca. 10 cm. longi in sicco 2 cm. crassi, pedunculi ca. 1 cm. longi. Bracteae ca. 10, inferiores ovato-rotundatae \pm 10 cm. longae, margine dense spinoso-serrulatae, apice sensim longissime caudatae, caudis ca. 20 cm. longis, superiores sensim diminutiae. Stamina plerumque 7-10 in apice columnae ca. 4 mm. longae subumbellata, filamentis filiformibus ca. 6 mm. longis, antheris linearibus ca. 4 mm. longis apice apiculatis.

Hab. Ohgiga-ura, Isl. Chichijima, Bonins, Jan. 10, 1975, M. FURUSE 10537 (fruiting type), spontaneous, 11316, 11315 (male flowering type, July 9, 1976, cultivated) - in herb. Facult. Agric. Kagoshima Univ.)

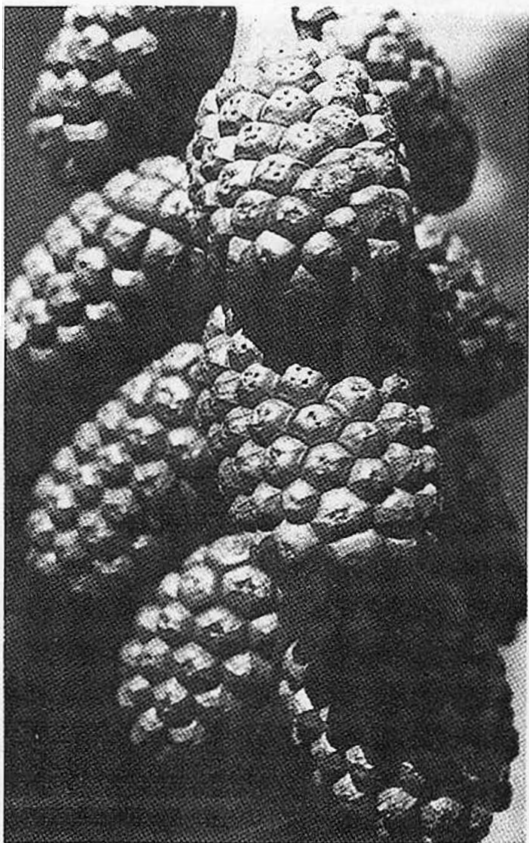


Fig. 2. *Pandanus furusei* HATUSIMA (holotype) Inflorescence

In appearance the present new species resembles *P. polycephalus* LAMK. belonging to Sect. *Jeanneretia*.

フサナリタコノキ (新称) 本種は古瀬義氏が小笠原の父島の扇浦で採集したもので、氏によると同地には数本が生育し野生と思われるとのことである。本種は一見したところマレーシアに分布する *P. polycephalus* LAM. に近い。しかし本種は小笠原のものとは別の *Jeanneretia* 節属する。日本の近隣産で頭花が総状につくものとしてミクロネシアに *P. kanehirae*, *P. palauensis*, *P. aimirikensis*, *P. macrojeanneretia*, *P. pehliuensis*, *P. syozoi* の 6 種があるが、前 5 者は *Bryantia* 節に属し最後の種は *Lophostigma* 節に属する。いずれも核果は 1 室のもので多室となる小笠原産とは全く関係がない。

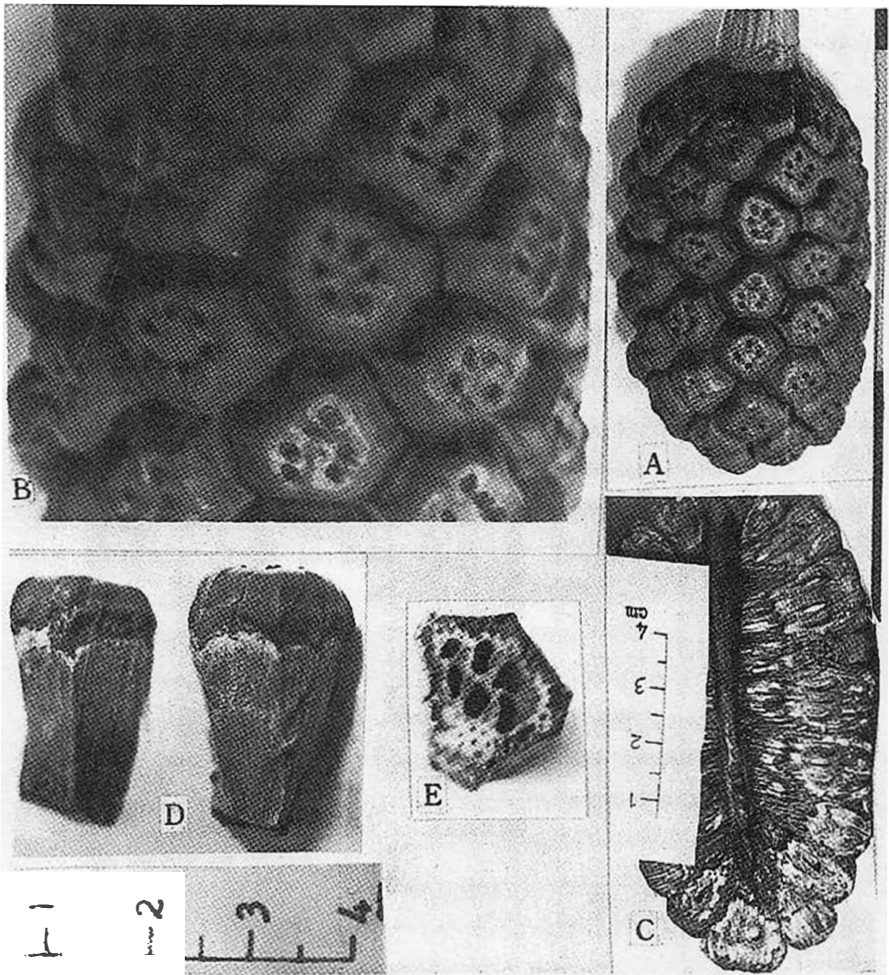


Fig. 3. *Pandanus furusei* HATUSIMA (holotype) A. Syncarp, B. The same magnified, C. The same in longitudinal section, D. Phalanges, E. The same in cross section.