

Revision of the Genus *Pandanus* Stickman, Part 25  
*Pandanus tectorius* var. *sinensis* Warburg

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*Pandanus tectorius* Warburg var. *sinensis* Warb.,  
Engler's Pflanzenreich IV, 9:48, 1900.  
(sect. *Pandanus*)

THE ENTIRE PRESENTATION of this variety was:  
"Folia minora angusta flagello longo terminata,  
spinis marginalibus quam in typo majoribus  
armata. Phalanges minores pauci-(5-6-) locu-  
lares. Südchina. (Warburg, Naumann, Henry)."

This characterization is wholly inadequate, and no type was indicated. In the Berlin herbarium the original specimens were still to be found in 1962. *Warburg* 5,482 from Macao consists of a single leaf 77 cm long, 3 cm wide; near the base the marginal prickles are alternately small and large, the latter 4-6 mm long, straight subulate, stramineous, ascending at 45°, the successive prickles 5-12 mm apart; the subulate leaf apex at the point about 10 cm down 1.5 mm wide. Until complete material is known from Macao, *Warburg* 5,482 is undeterminable.

The second specimen was from Hong Kong, Winter, 69/70, *Dr. C. Naumann*, and it contains parts of four leaves. It is probably *P. remotus* St. John.

The third collection is more adequate. It is from Hainan, 1889, *A. Henry*. One sheet bears two young pistillate inflorescences. A second bears a pocket with several very young pha-

langes, and one mature phalange 3.3 cm long, but this is a distorted, very asymmetric, 6-celled, basal one, not suitable for identification, but, since it is the only fruiting one in the series, it is here designated as lectotype of the var. *sinensis*. A third sheet with the same data is *A. Henry* 8,290. This bears parts of two good staminate inflorescences. These three sheets from Hainan represent a plant that differs from *P. hainanensis* St. John in its much broader leaves, etc. These specimens are not complete enough to identify.

In conclusion, the var. *sinensis* Warb. is in two parts indeterminable, and in the third part probably synonymous with *P. remotus* St. John.

Subsequent botanists, apparently content with Warburg's description, have identified numerous collections as belonging to this variety. They have recorded the plant from the Mascarene Islands, India, Cambodia, Malaya, Tonkin, Philippines, Formosa, New Caledonia, Australia, Tonga, and Hawaii. Their collections are diverse, and do not represent one species or variety. Since the original var. *sinensis* Warb. is ill-defined and incapable of identification, these later locality records can be rejected without further comment.

Since the author considers the publication of *P. tectorius* by Parkinson (or Solander) invalid, he now attributes it to Warburg, who in 1900 first validly published the binomial with a description.

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