

## CYCADEÆ.

## CYCAS PAPUANA.

*Petioles unarmed*; segments of the leaves rather short and narrow, flat, glabrous, opaque beneath, not pungent, sessile with broad slightly decurrent base; fruit-rachis velvet-downy, long-stalked; its *terminating lamina hard, rhomboid, acuminate*, toward the summit toothed, at the apex short-laciniated, on the upper side finally glabrescent; fruits several, ovate-globular, from the commencement glabrous.

On the Fly-River; D'Albertis.

This species agrees in its toothless petioles with *C. inermis* (Lour. Flor. Cochinchin. ii. 776); in the width and the beneath not shining leaflets with *C. media* and *C. angulata*, (R. Br. Prodr. 348) and with the latter also in the form of the lamina of the female rachis. It differs from the two last-mentioned species in the absence of teeth on the petioles, in shorter perfectly flat and less rigid segments of the leaves; from *C. circinalis* (L. Sp. Pl. 1188) in paler, shorter and narrower leaf-segments, which are not very conspicuously narrowed at the base, also in a less elongated and less incised plate of the female rachis. The male inflorescence, as yet unknown, may offer other distinctive notes. *C. pectinata* of Griffith seems only known by name. Ach. Richard (Voyage de l'Astrolabe, Botanique, xxiii) mentions *C. circinalis* from Port Doreh.