pairs, the male spadices, which are judging from Roxburgh's figure, quite different, the shape of the flower bud, and the trifid corolla with depressed segments and shorter than the ovarium.

It is more common in the Gardens than the other, for which it has been so strangely mistaken.

* * * * * Flores dioici, Stamina indefinita.

ORANIA. Blume.

93. (3) W. nana, (n. sp.) pinnis subquinis oppositis basi cuneatis ceterum obliquis irregulariter lobatis vel dentatis, spathis vaginantibus distichis conduplicatis, fl. fæmineis tripetalis ferrugineo-furfuraceis, spadicibus (fem.) simplicibus vel 2-3 ramosis, fructibus oblongis 1-spermis (albis.)


Descri.—A small erect palm from 3 to 5 feet in height. Trunk slender, throwing out roots from the base, covered with sheaths of the leaves. Leaves about 2 feet long; petiole short, roundish, obliquely sheathing at the base, with a thin rete, above produced into a bipartite liguliform body; pinnae alternate or subopposite, cuneate towards the base, above this oblique, variously lobed, toothed and spinuloso-serrate: terminal one irregular in shape, generally bilobed, striate-veined, above green, underneath glaucous white.

Spadices axillary. Spathes several, distichously imbricate, ferrugineo-furfuraceous, conduplicate, entirely concealing the peduncle.

Spadix simple, or with two or three divisions, densely ferrugineo-furfuraceous, flower-bearing part exserted, about the length of a finger. Flowers densely spiked, small, white, with (at least in the female) an inverted order of expansion. Male Calyx of three rounded, sub-membranous sepals. Petals three, oblong, with almost introflexed points, furrowed inside from the pressure of the stamina. Stamens about 14, inserted on a small prominent torus, rather shorter than the petals; filaments very short; anthers linear, adnate. No rudiment of a Pistillum.

Female flowers also white, crowded on a generally simple spadix attenuate at the apex and probably there bearing neuter or hermaphro-

* From fresh entire specimens communicated by Major Jenkins.
dite flowers. *Calyx* tripartite nearly to the base, segments very spreading, greenish. *Corolla* of 3 broad, ovate, sub-connivent, striate, coriaceous petals. No rudiments of *Stamina*. *Ovarium* white or reddish, a little shorter than the corolla, triangular-conical, the angles alternating with the petals, 2-celled, of a thick coriaceous substance. *Style* 0. *Stigma* emarginate. *Ovules* solitary, erect.

*Fruit* sub-baccate, white, obliquely oblong, straight on the upper side, convex on the other, 7 lines long, 4½ broad; base surrounded by the perianth, apex presenting a bi-dentate sphacelated stigma, 1-seeded, 2-celled, 1-cell almost obliterated. *Seed* 1, of the same shape, whitish; tegument adhering to the albumen; *raphe* on the straight face, palmately divided, branches often dichotomous. *Albumen* solid, radiating from a central line. *Embryo* about the centre of the convex (dorsal) face.

This species appears allied to *Orania regalis*, Blume, *Rumphia*, t. 85. and *O. porphyrocarpa*, Mart. Palm. t. 157. It differs from both in the number and the irregular shape of the pinnæ, the crowded flowers, and three petalled females. In the shape of the fruit it is nearly intermediate.

Besides these three species, I have bits of three others, collected on the N. E. frontier, (one from Yen in the Mish-mee Mountains.) If to these Buchanan’s *Harina caryotoides* be added, the total number of our Indian species will be seven, of which increase, the most unexpected part is the finding an undescribed species* in the H. C. Botanic Gardens, in which it has existed at least 25 years.

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**MACROCLADUS.**


**Habitus.—** *Palma* malayana, spectabilis, inermis. Corona haemisphaerica, densa. *Folia* pinnata, pinnis linearibus,

* This makes the second undescribed Palm in the Gardens, see p. 36.