

and *E. Sartori*, but it is questionable whether these two palms are congeneric (if separated from *Chamædorea*) or whether that small genus is yet properly defined.

† *Chamædorea Woodsoniana*, spec. nov. Fig. 124.

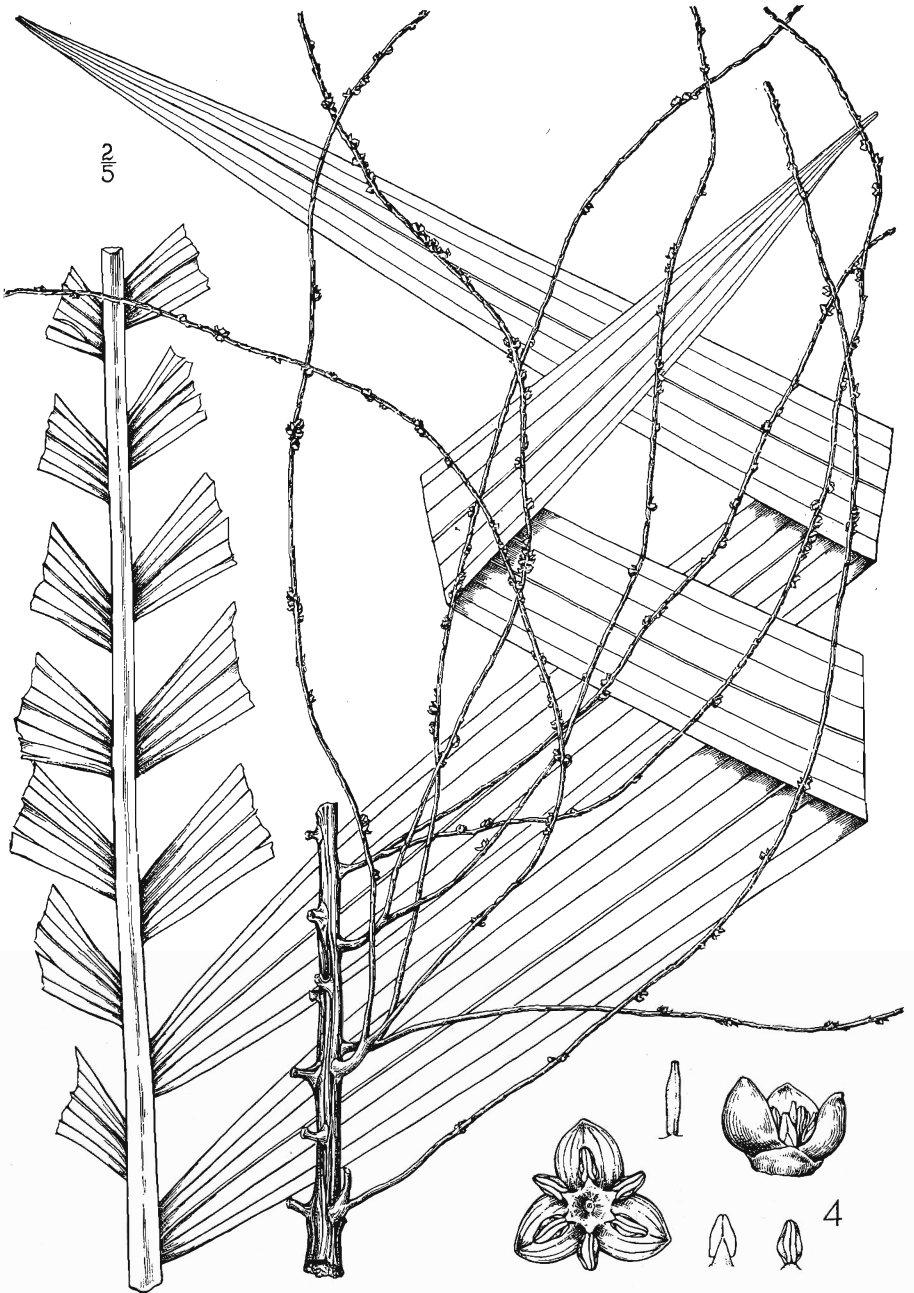
Valida, 5-12 m. alta; lamina 1 m. longa, 20 vel plus jugis oppositarum vel suboppositarum glabrarum satis virentium pinnarum; petiolus 20 cm. vel plus longus super vaginam, valde sulcatus; vagina 30 cm. vel plus longa, lata et plana, multi-striata; pinnæ 60-65 cm. longæ, 3-5 cm. latæ in medio, recte angustatæ ad longum gracilemque apicem, conspicue costatæ, 5 majores costæ 5-7 mm. inter se distantes: spadix staminata magna et diffusa, 75 cm. vel plus longa et valde lata; rachillæ multæ, tenues et flexuosæ, 20-50 cm. longæ; spadix pistillata minor, 15-25 cm. lata cum matura: fructus globularis, 8-10 mm. diam., reticulatus cum siccus; cupula 6-7 mm. diam., profunde lobata.

Stout, 5-12 m. tall, slender: leaf-blade 1 m. long, with 20 or more pairs of opposite or subopposite long and large glabrous dark green pinnæ; petiole 20 cm. and more long above the sheath, strongly ridged on top and more or less triangular in cross-section; sheath 30 cm. and more long, stoutly many-striate, 3-4 cm. broad at middle, clasping the cane, narrowly winged at apex; main pinnæ 60-65 cm. long, 3-5 cm. broad or the upper ones less than 2 cm., gradually and straightly tapering into long narrow ends or the young upper ones slightly curved but not sigmoid and caudate, all conspicuously ribbed particularly underneath, the central rib more pronounced than the 2 others on either side, intermediate nerves not prominent, the 5 main ribs 5-7 mm. apart: staminate spadix or truss large and diffuse in anthesis, 75 cm. and more long and very broad, on a many-sheathed peduncle 30-65 cm. long, sheaths soon shreddy; rachillæ numerous, slender and flexuose, glabrous, simple or some of them once or twice forked, 20-50 cm. long, laxly flowered; pistillate spadix much like the staminate but rachillæ fewer, shorter and less diffuse, 12-20 of them 10-30 cm. long: fruit globular, 8-10 mm. thick in mature dry state, somewhat fleshy on exterior, becoming wrinkled and reticulate in drying, cupule about 6-7 mm. across and with very broad lobes.

Vicinity of El Valle de Anton, Coelé, altitude about 600 m., *Allen 1901* (type), collected in 1939; Chiriqui in vicinity of Casita Alta, Volcán de Chiriqui, 1,500-2,000 m. altitude, *Woodson, Allen & Seibert 948*. Probably in Costa Rica. This plant has been confused with *C. macrospadix* and *C. costaricana*, both of which have sigmoid pinnæ.

† *Chamædorea Seibertii*, spec. nov. Fig. 125.

Gracillima, 2 m. alta, caules 1-2 cm. diam., annulati intervallis 2-3 cm.: lamina 50-90 cm. longa, 16-24 alternis vel suboppositis jugis rectorum pinnarum; petiolus gracilis, 12-14 cm. longus super vaginam striatam; pinnæ lætevirentes, glabræ, 20-25 cm. longæ, 1-2 cm. latæ, gradatim angustatæ ad longum et tenue acumen, aliquid angustatæ ad basim, costa media prominens, plures nervi laterales conferti: spadix pistillata compo-



124. PART OF LARGE LEAF AND OF VERY LARGE SPADIX, WITH STAMINATE FLOWER DETAILS of *Chamædorea Woodsoniana*.