



127. SLENDER SPADIX, PART OF LEAF of *Chamædorea lucidifrons*.

lobed cup in which loosely sits the 3 introrse petals inclosing the conic more or less 3-lobed ovary on which the 3 spreading or reflexed prominent stigmas are sessile; staminate spadix and fruit not seen.

North rim of El Valle de Anton, Province Coclé, *Allen 1909.*

† *Chamædorea lucidifrons*, spec. nov. Fig. 127.

Gracilis, 2.5 m. alta: lamina 40-50 cm. et plus longa, lucida et glabra; rachis convexa in latere dorsali, carinata in latere superiore; pinnæ 30-35 cm. longæ, 6-9 cm. latæ, lanceo-oblongæ et prominenter sigmoideæ, angustatæ ad longum acumen vel caudam, 7-15 conspicuis costis 4-10 mm. inter se distantibus in medio et curvatis ad angustam basim: pistillata spadix simplicibus ramis, rachis brevis, circa 22 cm. longa et pæne 22 cm. lata; rachillæ 10-20 cm. longæ, glabræ, divaricatæ vel arcuato-ascendentes: fructus brevi-oblongus, obtusus, 5-6 mm. longus, 4-5 mm. crassus, non profundis rugis cum siccis; cupula brevis, lobi patuli.

Slender, 2.5 m. tall: leaf-blade 40-50 cm. and more long, glossy and glabrous, with several very broad strongly ribbed alternate pinnæ; rachis convex on the back, lightly ridged on upper face; pinnæ 30-35 cm. long, 6-9 cm. broad, lance-oblong and strongly sigmoid, tapering to narrow point or to a cauda, with 7-15 conspicuous costa standing 4-10 mm. apart at the middle and prominently curved to the narrowed base, lucid particularly on the lower face: pistillate spadix once-branched from a short rachis, about 22 cm. long and nearly as broad, the glabrous rachillæ 10-20 cm. long and divaricate or upwardly curved: fruit small, short-oblong, obtuse, 5-6 mm. long, 4-5 mm. thick, irregularly and shallowly wrinkled in drying; cupule small, the lobes spreading.

Vicinity of El Valle de Anton, Province Coclé, altitude about 600 m., *Allen 1814.*

† *Chamædorea latipinna*, spec. nov. Fig. 128.

Tenuis, 1 m. alta, folia glabra et lucida: lamina 30-50 cm. longa, pinnata, 2 lobi apicales latissimi et confluentes, aliæ pinnæ paucæ et alternæ; rachis gracillima, complanata, 2-3 mm. lata, carinata supra; pinnæ 25-30 cm. longæ, 10-13 latæ, persigmoideæ, abrupte contractæ ad breve acumen, basis latissima, multis validis curvisque costis 1 cm. vel plus inter se distantes, venæ intermediæ minus distinctæ, omnes basi pinnæ curvæ: spadix staminata simplicibus ramis a plus vel minus continuente rachide, 25-30 cm. longa et lata, rachillæ 18-25 cm. longæ et laxè floriferæ; flores staminati lato profunde lobato calyce; pistillata spadix aliquid minor quam staminata, circa 20 cm. longa et lata: fructus immaturus oblongus, contractus basi, obtusus, 10-12 mm. longus.

Slender, 1 m. tall, with smooth glossy foliage: leaf-blades 30-50 cm. long, pinnate, apical part with 2 very broad confluent lobes, other pinnæ alternate, few in number; rachis very thin and flattened, 2-3 mm. broad, ridged on top; pinnæ thin, 25-30 cm. long, 10-13 cm. broad, strongly sigmoid, rather abruptly contracted to a short point, base very wide, conspicuous because of several or many curved strong ribs 1 cm. or more apart and less distinct ones between: spadices once-branched from a more