

pinnæ; petiole 30 or more cm. long, much ribbed or ridged, glabrous; pinnæ falcate or sigmoid-lanceolate, 20-25 cm. long and 3-4 cm. broad, midrib pronounced on upper surface, 2 minor ribs either side and indistinct nerves between, apex slenderly acuminate to almost caudate, base narrowed to about one-half the usual width but ribs hardly curved, the pairs standing 3-4 cm. apart on the thin flattened rachis: staminate spadix ample and diffuse, the flowering part about 25 cm. long and broad, consisting of a continuing central glabrous rachis and perhaps 24 slender divaricate or drooping simple rachillæ 10-15 cm. long and closely flowered; peduncle 50 cm. or more long, erect, slender, inclosed in about 5 strongly striate sheaths the upper one of which has a short acutely bifid end; staminate flowers 1-2 mm. long in full bud, divaricate, abruptly short-pointed, calyx 3-lobed and spreading, petals valvate.

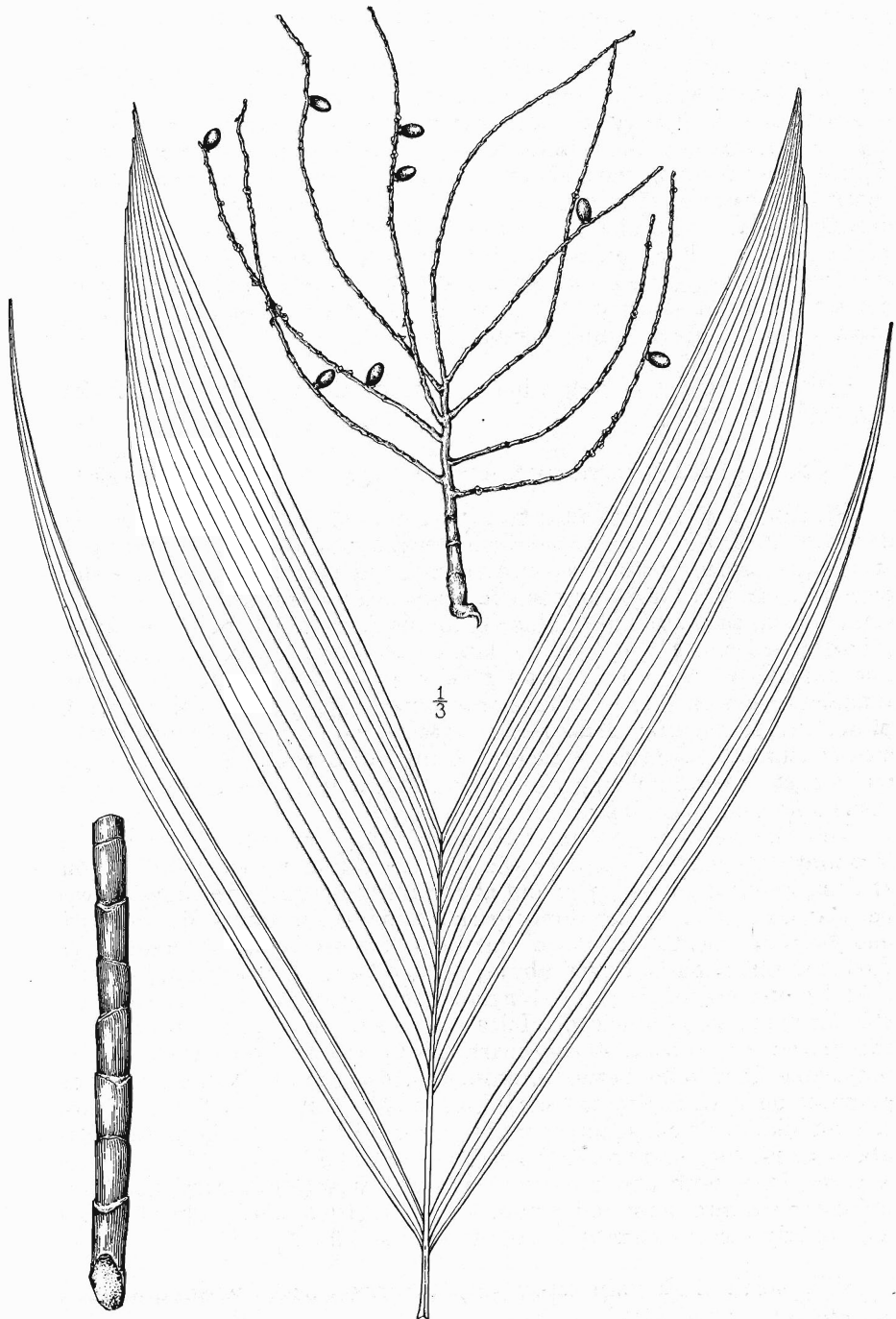
Chiriqui: vicinity of Bajo Chorro, altitude 1,900 m., *Woodson & Schery* 680 (Mo. Bot. Gard.).

† *Chamædorea falcaria*, spec. nov. Fig. 134.

Gracillima, circa 3 m. alta; truncus 1-1.5 cm. diam., annuli circa 2 cm. distantes inter se: lamina 75-80 cm. longa, juga pinnarum latarum basi et alia juga apice, et inter eas circa 5 jugæ angustiorum pinnarum; vagina petioli 20-25 cm. longa, angusta multi-striata; rachis circa 40 cm. longa, complanata, carinata supra, plus vel minus furfuracea; infimæ et apicales pinnæ 30-40 cm. longæ, 5-6 cm. latæ, apex falcatus sed non sigmoideus, non angustatus ad basim; costæ 5 vel 6 et 6-10 mm. inter se distantes, tenuiores venæ inter eas, venulæ transversæ supra, costæ non curvæ basi pinnarum; pinnæ intermediæ 1-4 cm. latæ, falcatae super medium: pistillata spadix simplicibus ramis a rachide continua; rachillæ 9-10, circa 12-16 cm. longæ: fructus oblongus, 9-10 mm. longæ et 5 mm. crassæ, pæne obtusus apice; cupula minima.

Very slender, about 3 m. tall; trunk 1-1.5 cm. thick, rather closely irregularly ringed: leaf-blade 75-80 cm. long, with a pair of broad pinnæ at base, another pair at apex and about 5 pairs of narrower ones between; petiolar sheath 20-25 cm. long (perhaps more), narrow and close-fitting, many-striate; rachis about 40 cm. long to base of upper bilobed part, flattened but slightly ridged above, more or less furfuraceous; lowest and apical pinnæ about 30-40 cm. long and 5 or 6 cm. broad, narrowed to long slender point, not sigmoid but falcate in the upper half, not narrowed nor the ribs curved to base, stoutly marked by 5 or 6 ribs 6-10 mm. apart with noticeable finer veins between, cross-veined on upper surface, practically glabrous on both faces; intermediate pinnæ 1-4 cm. broad, falcate above the middle: fruiting spadix simply branched from a continuing rachis, about 20 cm. long and broad, the glabrous rachillæ 12-16 cm. long; peduncle 4-5 cm. long, with about 3 joints where spathe-bracts have fallen: fruit oblong, 9-10 mm. long and 5 mm. thick, glabrous, nearly obtuse at apex, indistinctly striate when dry; cupule very small.

Hills north of El Valle de Anton, Province Coclé, Panama, about 800 m. altitude, *Allen 2949*.



134. SPADIX, SECTION OF TRUNK, TOP OF LEAF of *Chamædorea salcaria*.