

but perhaps becoming bare in exposed places: main spathe 1-1.3 m. long and 15-18 cm. broad at expansion, densely covered with hairy felt in which a few short weak but sharp prickles may be imbedded particularly toward the beaked end; spadix with whitened glossy axis and rachillæ except that the stout peduncle bears many short clustered woolly spines 2 cm. or less long; staminate flowers, including the stamens, 8 mm. long at anthesis, floral parts blunt and anthers exerted; pistillate flowers 10 mm. long at anthesis, triangular-acute, 3 stigmas exerted: fruit somewhat flattened endwise, about 3.75 cm. crosswise diameter and a little less longitudinally.

Island of Trinidad, British West Indies, where it is a handsome comely upstanding palm when arrived at maturity; titled here from the Indian name: see Henry James Clark, *Iëre, Land of the Humming-Bird, Port-of-Spain, 1892*; apparently also on Tobago. It is planted in southern Florida.

Closely allied to *A. media* of Puerto Rico, but that species is a heavier tree, more columnar, bole apparently more spiny, petiole bearing heavier longer spines and fewer very short ones intermixed, pinnæ less blue-gray and more pubescent underneath with short upstanding hairs, spathe much more spiny on outside (if not old and much weathered), rachis of spadix less conspicuously white-glossy, fruit variable but mostly larger.

We hardly expect the gru-grus of Puerto Rico and Trinidad to be the same when those of the intermediate islands, Guadeloupe, Dominica, Martinique, are different. We do not yet know those of St. Lucia, St. Vincent, Grenada, and many other islands.

† 24. *Acrocomia subinermis*, León in litt., spec. nov. Fig. 298.

Species Cubensis: § Sentocomia: arbor 10 m. vel plus; truncus annulatus, pæne vel admodum espinatus, tumidus vel ventricosus ad medium: folia magna, supra nitida, prominenter glauca et sparse pilosa infra, costa media alba et prominens et supra et infra, venæ laterales multæ validæque; pinnæ circa 130 in utroque latere rachis; petiolus nudus: spatha major 1.6 m. longa, lata ad apicem, tomentosa, espinata; pedunculus et rachis spadicis sparse brevi-spinosi: fructus oblongus, 4-4.5 cm. trans. diam.

Tree 10 m. and more, with heavy crown; trunk stout, constricted at or near base but tumid or obscurely ventricose above, about 40 cm. diameter at middle, closely annulate, nearly or quite spineless: leaf-blade 3-4 m. long, lustrous above, glaucous underneath, the pinnæ 130 or more pairs; pinnæ 2-3 cm. broad at middle, loosely and shortly hairy underneath (hairs not appressed as in *A. pilosa*), midrib white and upstanding on both surfaces, lateral ribs many and prominent, placement of pinnæ well spaced; petiole usually spineless, rachis nearly so: spathes and spadices divaricate in the crown or even ascending in fruit, 1.6-1.7 m. long; main spathe long-obovate or spatulate, 60-75 cm. broad at expansion, heavily tomentose or lanate on outside and spineless; spadix 1.5 m. or more long, peduncle and rachis bearing a few black spines 1-3 cm. long: fruit large, regular, depressed-globose, 4-4.5 cm. diameter, umbo not conspicuous.

Cuba; between Cruz de Piedra and Guatoa, *Hermano León 17425* (type Herb. Bailey) and 17908, Prov. Habana.

25. *Acrocomia odorata*, Barb.-Rodr. Palm. Mattogross. 48, t. xvi (1898).

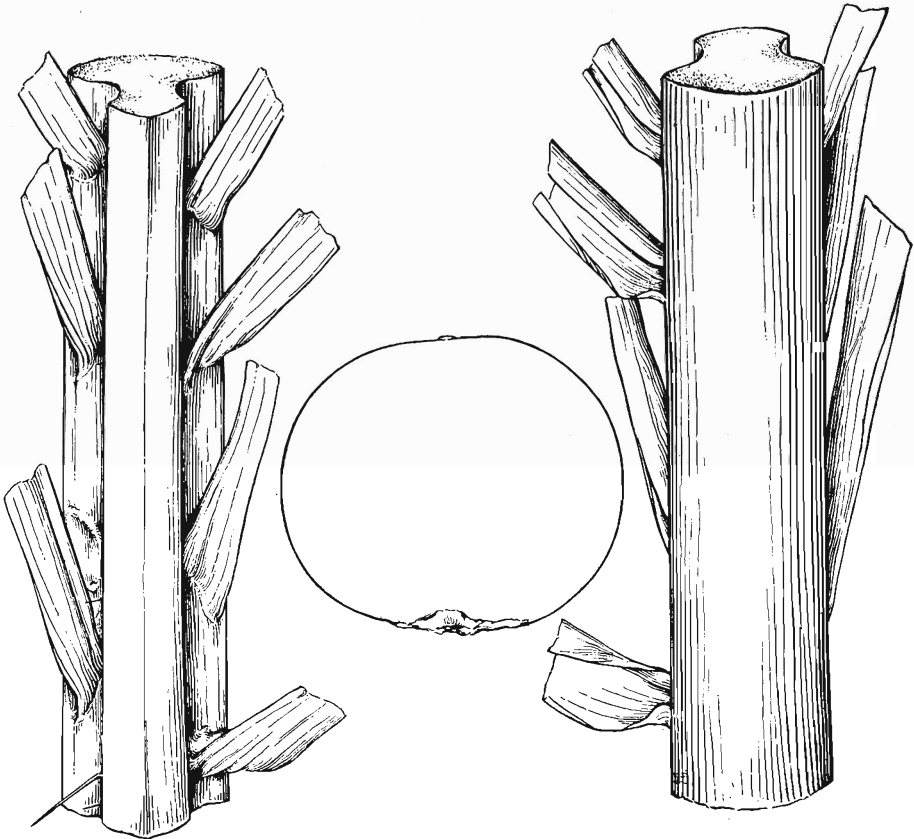
Trunk to 5 m. tall, cylindric, unarmed and smooth: leaves unarmed, 2 m. or more long, drooping; pinnæ narrow, less than 2 cm. or less broad, green both surfaces but lighter colored underneath: main spathe about 1 m. long, boat-shaped, beaked, rusty-velutinous on outside, unarmed: fruit subglobose, very small, about 2 cm. or less diameter, brownish-green or yellow, very odorous.

Moist woods, Rio S. Lourenco, Matto-Grosso, Brazil. A strange unarmed small-fruited *Acrocomia*.

*Other species and names*

*Acrocomia lasiospatha*, Martius, Palmetum Orbignianum, 81 (1847).

Based on a woolly spathe (*lasiospatha*) preserved in Paris collected apparently in French Guiana (*in insula Cayennæ*), with no knowledge of



298. TWO SECTIONS OF LEAF-RACHIS AND OUTLINE OF FRUIT of *Acrocomia subinermis*; natural size. Cuba.