

† *Aiphanes luciana*, spec. nov. Fig. 65.

Arbor alta, ad 8 m.; truncus solitarius, 10–13 cm. diam., annulatus spinis ad 6 cm. longis, trunci annosi postremo nudi: folia circa 2 m. longa, non argentea subter, glabra; pinnæ multæ, 4–5 dm. longæ, 3–5 cm. latæ, inermes, apex oblique erosus; petiolus armatus ad basin: spatha linearis, nuda, circa 1 m. longa, pendens; spadix longus simplexque, pendens, 1 m. longus, pedunculus longus spinis gracilibus 2–4 cm. longis armatus; rachillæ graciles, undulatæ, 10–15 cm. longæ: fructus depresso-globulares, rubri, 15 mm. diam., endocarpium crassum durumque, obscure areolatum; semen 5–7 mm. diam.

Tree to 8 m. tall; trunk single, 10–13 cm. thick, with rings of upward-pointing black spines 6 cm. or less long at intervals, old boles becoming nude, roots prominent 3–6 dm. above ground: leaves pinnate, 2 m. more or less long, green both surfaces but lighter colored underneath, more or less glossy on upper face; pinnæ alternate or subopposite, 18–20 of them either side the rachis, about 4–5 dm. long, 3–5 cm. broad, apex obliquely erose with long acute finger on upper margin, unarmed, margins nude; petiole armed with slender downward-pointing spines 1–2 cm. long, this armature lessening to the first pinnæ and hardly evident beyond: spathe interfoliar, nude, linear or strap-like, nearly 1 m. long, hanging; spadix a simple slender recurving or hanging structure to 1 m. long, its very slender peduncle armed with crowded forward-pointing or divaricate hair-like spines 2–4 cm. long; rachillæ very slender, undulate, 10–15 cm. long; flowers 2–3 mm. long, yellow: fruit depressed-globular, red at maturity, said to be eatable although sarcocarp very thin, 15 mm. thick, point abrupt and very short, surface featureless, endocarp thick and hard with obscurely areolate but hardly pitted shell; seed 5–7 mm. thick.

St. Lucia, Windward Islands, British West Indies, an understory element in dense rain forests; Barre de l'Isle, *Bailey 440* (type); Piton Flore, *John Beard 484*.

*Aiphanes acanthophylla*, Burret, in Notizbl. Bot. Gart. Berlin, xi, 558 (1932). Fig. 66.

*Bactris? acanthophylla*, Mart. in Palmetum Orbignianum, 70 (1847).

*Curima calophylla*, O. F. Cook, in Bull. Torr. Bot. Club, xxviii, 561, t. 48 (1901).

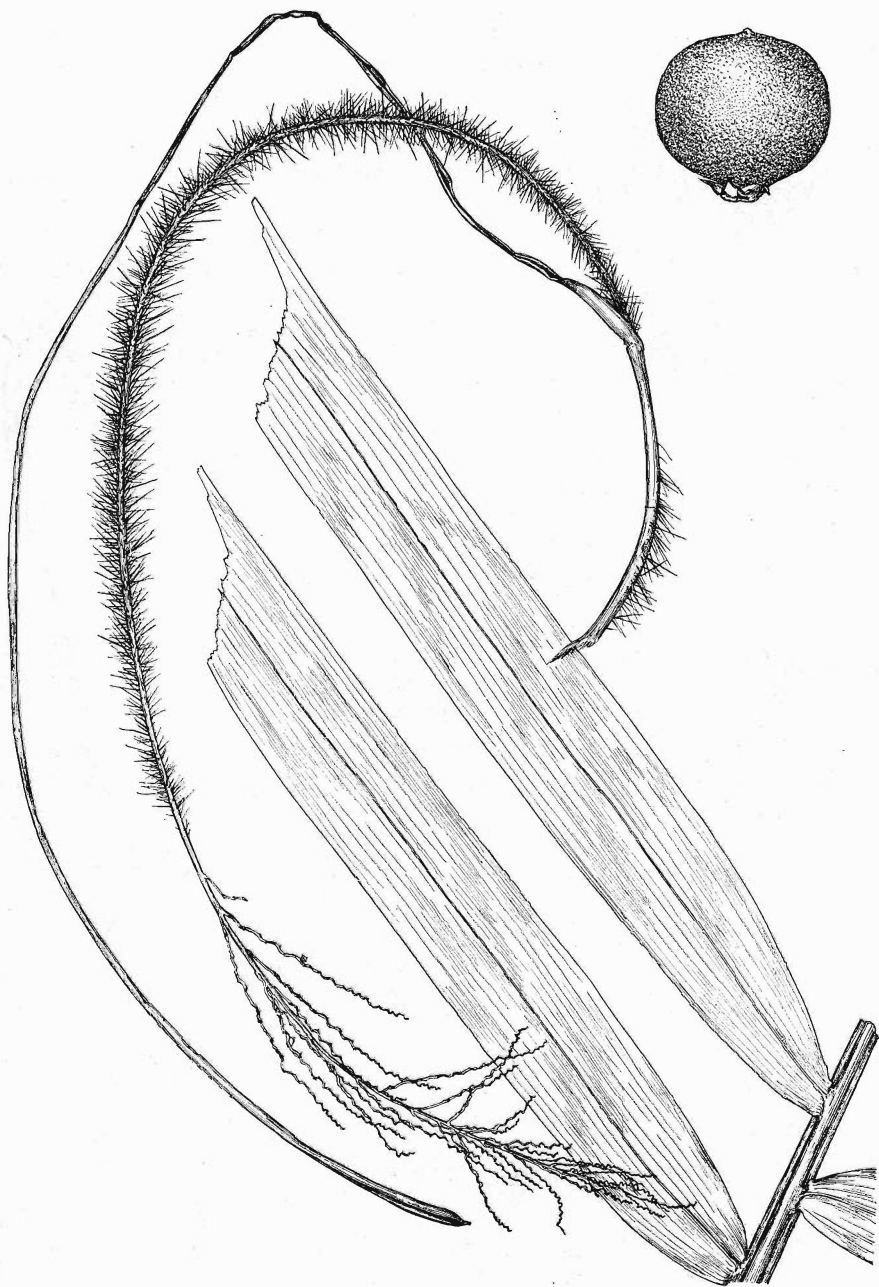
*Martinezia acanthophylla*, Becc. in Urban, Symb. Antill. viii, 79 (1920).

Described in *Gentes Herbarum*, iv, 182 (1938). Puerto Rico.

*Aiphanes erosa*, Burret, in Notizbl. Bot. Gart. Berlin, xi, 558 (1932). Fig. 67.

*Martinezia erosa*, Lind. ex Gard. Chron. 1872, page 1297; Nichols. Illus. Dict. Gard. ii, 330 (1888).

Described in *Gentes Herbarum*, iv, 183 (1938). Barbados.



65. AIPHANES LUCIANA  $\times$  about  $\frac{1}{3}$ ; fruit  $\times$  nearly 2. St. Lucia island.