

† *Yuyba Schultesii*, spec. nov. Fig. 70.

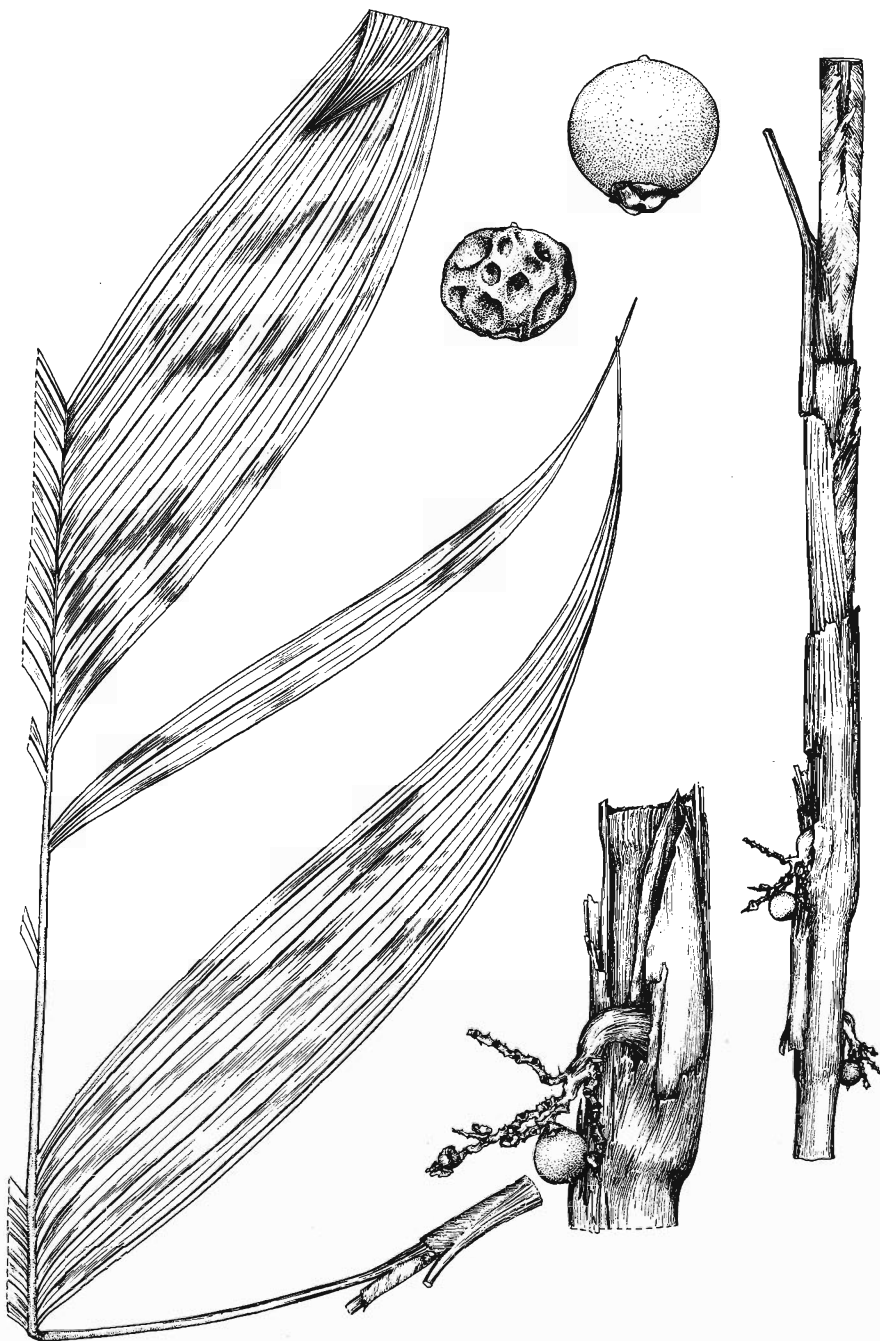
Arundinacea, inermis; truncus 1.5 cm. diam., internodia circa 13 cm. longa; petiolus viridis et furfuraceus, 15 cm. longus; rachis 37 cm. longa, sparse furfuracea; pinnæ lanceolatæ et falcato-caudatæ, fusco-virides et glabræ supra, tenuiter pallidiores et glabræ et postremum minute puberulentæ vel hispidulosæ subter, 3-4 utrinque 15-16 nervis primariis, nervus basalis 42-44 cm. longus, 5.7-6.7 cm. latus, 5-nervatus, nervus intermedius 33-35 cm. longus, 1.5-2 cm. latus, 1-nervatus, nervus terminalis 22 cm. longus, 12-14 cm. secundum rachim, 8-9-nervatus: spadix 4-ramosus, brevissimus rachi sola ex vagina exserta; rachillæ ad 2 cm. longæ; flores terni saltem subter: fructus globosi, flavi, 8-10 mm. diam., cupula 3-lobata, corolla vix calycem excedens.

Small and unarmed; trunk arundinaceous, 1.5 cm. thick, brown and glabrous below the spadices, sheathed with leaf-bases above, the internodes about 13 cm. long: sheath about 14 cm. long, densely brown-lepidote below, becoming glabrescent above; petiole 15 cm. long, green and more or less densely furfuraceous; rachis 37 cm. long, green and sparsely furfuraceous; pinnæ 3-4 on each side, linear to lanceolate and falcately tapered to an acuminate apex, margins minutely setulose apically, dull dark green, soft and glabrous above, slightly paler and glabrous to minutely puberulent or hispidulous, especially on the veins, below with 15-16 primary nerves on each side and 1-3 secondary nerves between the primaries, basal 42-44 cm. long, 5.7-6.7 cm. wide, 5-nerved, the intermediate 33-35 cm. long, 1.5-2 cm. wide, 1-nerved, terminal 25 cm. long, 12-14 cm. along the rachis, 8-9-nerved: spadices small, 4-branched; peduncle 3.5-4.5 cm. long, puberulent or glabrous, abruptly recurved at apex and scarcely exerted from leaf-sheath; outer spathe included, about 7.5 cm. long, 1.2 cm. wide, flattened and somewhat two-edged, smooth, inner not seen; rachis scarcely evident or up to 7 cm. long; rachillæ up to 2.5 cm. long, 1.5 mm. thick, glabrous to puberulent; flowers in 3's below or nearly throughout as evidenced by scars: fruit globose, glabrous, striate, yellow when dry, 8-10 mm. diameter; fruiting calyx glabrous, about 1.5 mm. high, 3-lobed, corolla irregularly lobed, lobes mucronulate and sometimes ciliate, scarcely exceeding calyx, exocarp very thin, fibrous, mesocarp thin and somewhat pulpy, endocarp thin, smooth, pale, with 3 micropylar pits.

Colombia, Putumayo, Rio San Miguel o Sucumbios, Conejo y los alrededores en frente de la Quebrado Conejo, altitude 300 meters, *R. E. Schultes 3519*. Dr. Schultes' collections from Colombia have added measurably to the palm flora of the country and it is with pleasure that his name is associated with the species.

† *Yuyba Gleasonii*, spec. nov. Fig. 71.

Erecta, gracilis, pæne 2 m. alta, inermis, glabra; caudex 1 cm. diam., vaginæ 5-12 cm. vel plus longæ: folium 2 paribus sigmoideorum, latorum segmentorum et 1 intermedio segmento angusto; segmenta terminalia 18 cm. longa, 6-7 cm. lata, acuminata, valde 6-costata, segmenta basalia



70. YUYBA SCHULTESII $\times \frac{1}{3}$, spathe and spadix at bottom nearly natural size, fruit $\times 2$.