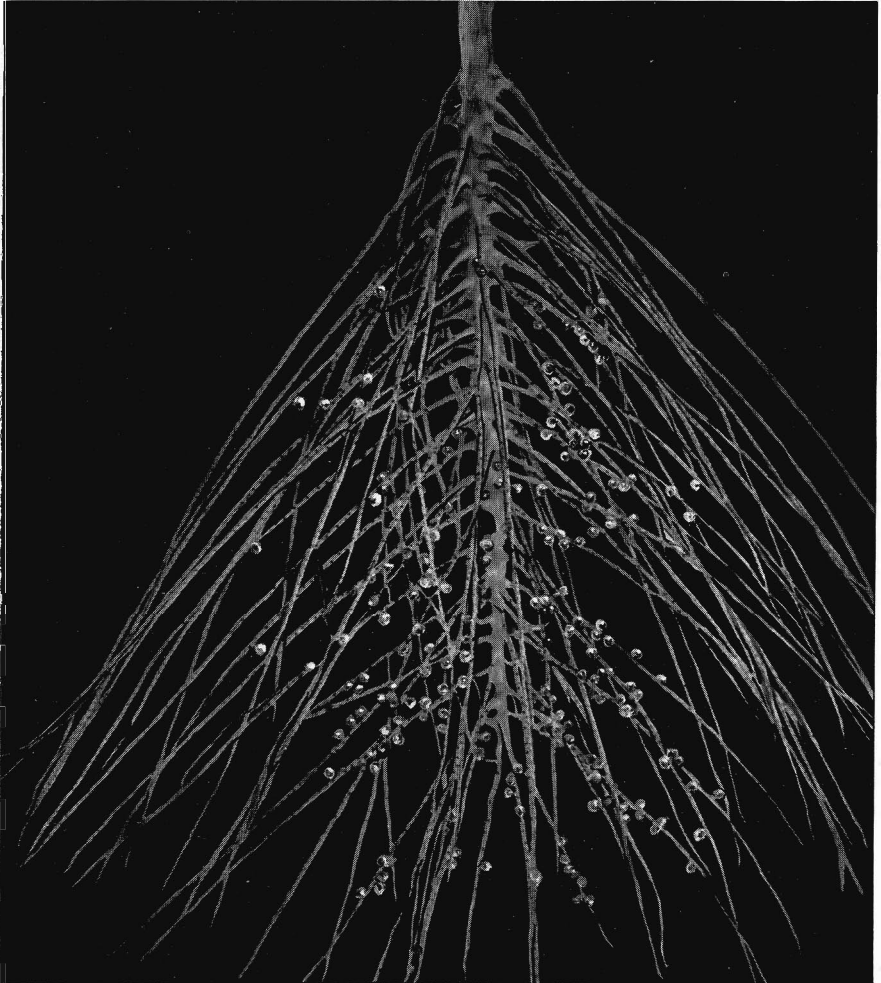


The species differs from *E. globosa* of the more northerly islands (for which it has passed) in its strongly many-ribbed not glaucous under surface of leaves, pinnæ stiffer, rachillæ of spadix more slender and with longer very thin end, fruit larger, endocarp not loose or shredded, rumination of seeds more solid or continuous, forestal range at lower altitudes.

†4. *Euterpe pertenuis*, spec. nov. FORMALY. Figs. 195-196.

Valde gracilis, trunci multi, 12-15 m. alti: folia 1 m. vel plus longa, uniformiter et alterne pinnata, levia, glabra; pinnæ 40 vel plures in utroque latere, .75-1 m. longæ, pinnæ centrales brevi-attenuatæ, nervi laterales

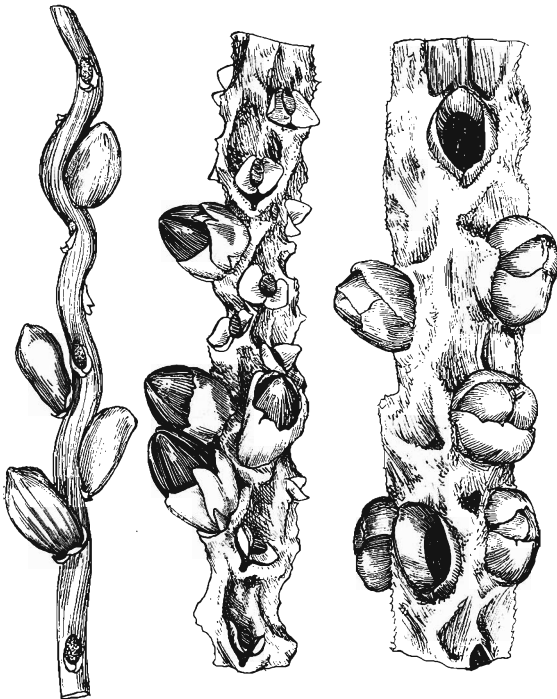


195. *EUTERPE PERTENUIS*, showing spadix with slender rachillæ and fruits.

multi validique: spatha 1 m. vel plus longa, levis; spadix simpliciter ramosa, alba, rachillæ rectæ, valde graciles, 5 dm. longæ, 2 mm. vel minus crassæ, glabræ; flores parvi, 2-3 mm. longi, acuti cum immaturi, superficiales, dispersi: fructus (immaturi) globulares, circa 1 cm. diam., lobi calycis profundi obtusique, albumen ruminatum.

Slender tree of many trunks growing together, 12-15 m. high: leaves 1 m. plus long, uniformly alternately pinnate, smooth and glabrous; pinnæ 40 or more either side of glossy rachis, 3-5 cm. broad except those at apex and near the base, .75-1 m. long, those above the basal ones short-attenuate, somewhat lighter colored underneath but not glaucous, side-ribs many and strong: spathe above 1 m. long, smooth, scarcely ribbed longitudinally, long-pointed; spadix white, rachillæ long and very slender, about 5 dm. long, 2 mm. or less thick at middle and above when dry, straight rather than wavy or crooked, glabrous; flowers small, scattered, superficial but in a slight not margined depression, 2-3 mm. long when dry, pointed in bud: fruit small (immature), globular, about 1 cm. diam., point not developed, calyx-cup deep and prominent, the broad lobes obtuse, hilum lateral, albumen ruminatum, endocarp apparently not shredded.

Tobago: Roxborough, *Bailey 129*. Its slender dimensions, alternate pinnæ, very slender straight white rachillæ and shallow not margined floral depressions and sparsely placed flowers, sufficiently distinguish it until botanically better known.



196. RACHILLÆ OF THREE *Euterpes* × 4. Left, *E. pertenuis*; center, *E. Beardii*; right, *E. confertiflora*.

†5. *Euterpe Beardii*, spec. nov. FORMALY. Figs. 196-198.

Coloniata 8 m. alta, moderate validâ, obscure annulata, culmen superius prominens: folia uniformiter pinnata, 1 m. vel plus longa, viridia, glabra; pinnæ oppositæ et suboppositæ, nutantes, .75-1 m. longæ, 2-3 cm. latæ, longo-attenuata, nervi laterales longi: spatha pæne 1 m. longa, glabra, angusta, brunneo-chartacea; spadix simplex multis et ascendentibus rachillis glabris 6 dm. longis et 4-5 mm. crassis cum siccæ, fossæ alternæ et separatæ liris; flores pistillati partim in fossis submersi: fructus globosi, brunneoli vel nigri, 12 mm. diam; lobi calycis breves, erosi, obtusi; endocarpum divisum sed non anastomosum; albumen ruminatum.