

† *Desmoncus mirandanus*, spec. nov. Fig. 76.

Glaber validus debiliter armatus scandens: folia longipinnata, petiolus et costa sparsis aculeis hamatis 4-10 mm. longis; pinnæ alternatæ, sparsæ vel oppositæ, 10-12 paribus vel jugis, lanceolato-ellipticæ, longiacuminatæ, circa 20 cm. longæ, 3-4 cm. latæ, laterales venæ longitudinales prominentes, interdum spinis paucissimus ad vel prope costam; hami terminales graciles, divaricati vel reflexi, 2-3 cm. longi: spatha longa angustaque, longiacuminata, 3-4 dm. longa, 2 cm. lata, dense breviaculeata: fructus brevi-oblongi, breviter acuminati, leves, circa 15 mm. longi et 10-11 mm. crassi, inermes; semen magnum, valde reticulatum.

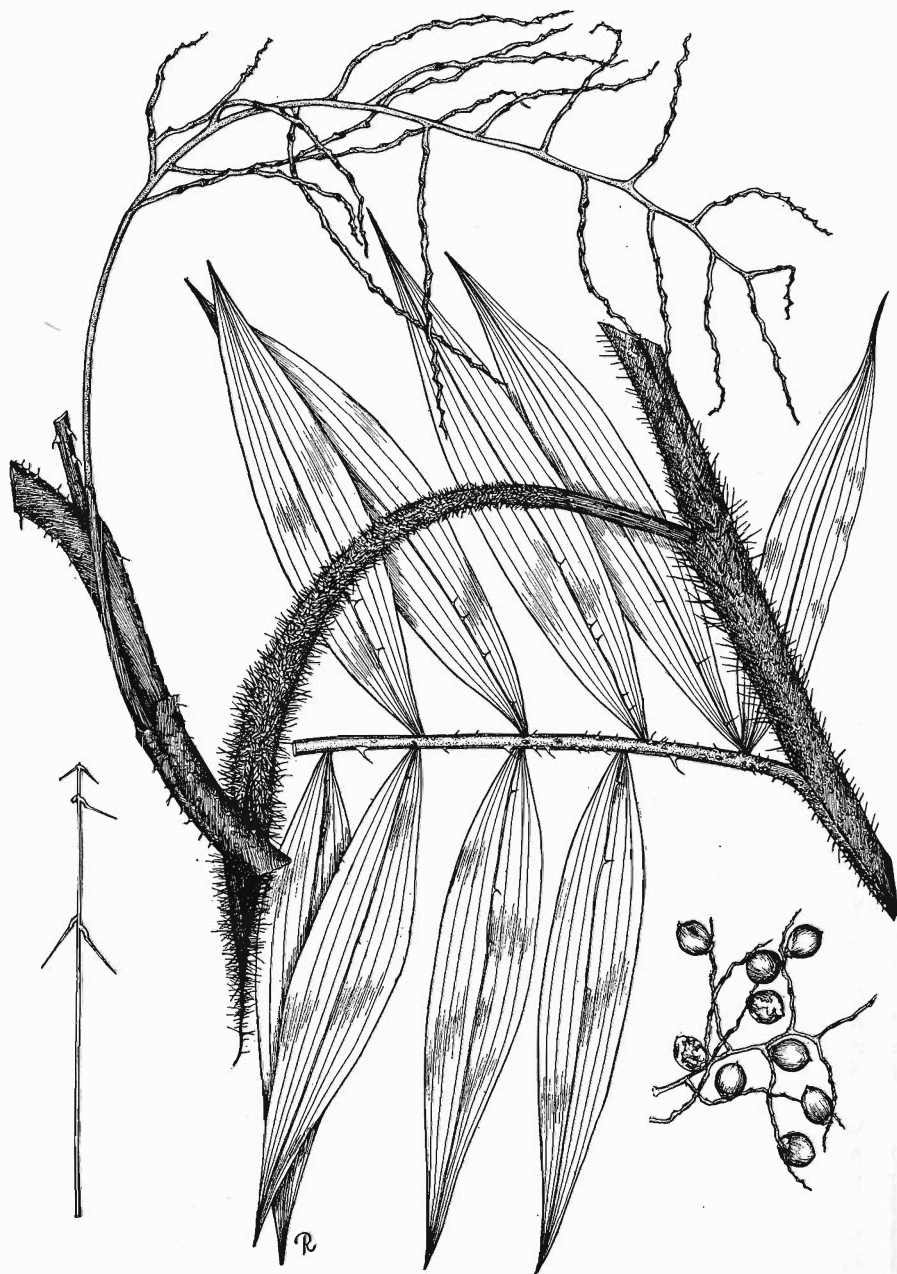
Strong glabrous climber, not heavily armed, with many small weak divaricate spines 5-15 mm. long on stems or canes: leaves long-pinnate, petiole and midrib bearing scattered hooked prickles 4-10 mm. long; pinnæ alternate or scattered or sometimes opposite, 10 or a dozen pairs or doubles, lance-elliptic and taper-pointed, 20 cm. more or less long, about 3-4 cm. broad at middle or on some leaves only 1.5 cm. broad, lateral longitudinal veins prominent but secondary costæ absent, now and then a spinelet on midnerve or elsewhere but mostly nude; terminal hooks slender, divaricate or reflexed, 2-3 cm. long, the blade not expanded or flattened: spathe long and narrow and slender-pointed, 3-4 dm. long, 2 cm. broad, densely covered with short hair-like spines 5-10 mm. long, peduncle nearly unarmed; spadix simple, unarmed, rachillæ 8-12 cm. long, scarcely undulate although not rigidly straight: fruit short-oblong, briefly pointed, about 15 mm. long at dry maturity and 10-11 mm. broad, brown, glabrous and unarmed, shell very thin; seed strongly reticulated, filling the shell.

Venezuela, state of Miranda: Cárdenas in Siquire Valley, 400-800 m., *Pittier 7078* (type); Hacienda de Marare, near Ocumare del Tuy, 300-1200 m., *Pittier 7795*.

† *Desmoncus apureanus*, spec. nov. Fig. 77.

Scandens ad 2 m., sparse armatus, glaber: folia virella supra subterque, rachis nuda vel paucis acuminibus vel aculeis debilibus 1-2 cm. longis; pinnæ 12-20, pæne oppositæ vel sparsæ, latilanceolatæ, longiacuminatæ, 15-20 cm. longæ, 2-3.5 cm. latæ, multinervatæ; unci terminales validi, acuti, valde reflexi, 3-6 cm. longi: spadicis rachillæ 10 vel plus cm. longæ, simplices, undulatæ: fructus oblongi, 15 mm. longi, 7-8 mm. lati, apex brevissimus, inermis, cupula calycis minima.

Climbing to 2 m., scantily armed, glabrous: leaves light green on both surfaces, under surface minutely pimpellate under 20 diameter lens, rachis bearing scattered thick nodule-prickles 1-2 mm. long and perhaps a few black spines 1-2 cm. long; pinnæ 12-20, nearly opposite to scattered, broad-lanceolate, long-tapering to apex, 15-20 cm. long, 2-3.5 cm. broad, strongly many-nerved; terminal hooks on stiff angled axis, stout, sharp-edged, strongly reflexed, 3-6 cm. long: spathe not seen; branches of spadix 10 or more cm. long, simple, rachillæ 4-6 cm. long, strongly undulate or



76. *DESMONCUS MIRANDANUS*  $\times \frac{1}{3}$ . Fruit  $\times \frac{1}{3}$  at lower right. Terminal hooks at lower left.