

**Iguanura tenuis** Hodel sp. nov. Fig. 7-8.

*Iguanura polymorphae* Becc. affinis sed inflorescentiis interfolia, rachillis tenuis; *I. wallichianae* (Wall. Ex Mart.) Hook. f. affinis sed pinnis lateribus et nervis divergens differt. Typus: Thailand, between Takuapa and Phanom, 600 m elev., D.R. Hodel, P. & R. Vatcharakorn 1727 (Holotypus BK).

Clustered understory palm to 1.5 m tall. Stems 2 cm diam., ringed, brownish. Leaves 7, pinnate, spreading; sheaths 10 cm long, tubular, persistent, marescent, not forming a crownshaft, covered with dense, reddish brown, felt-like tomentum; petiole 7 cm long, rachis 45 cm long, with reddish brown hairs above; pinnae 4-5 on each side of rachis, +/- trapezoid, sides not parallel, 19 cm long, 3.5-7 cm wide at apex, narrowing to 3-5.5 cm wide at base, 6-7-nerved, end pair 10 cm long, 7 cm wide at apex, 6 cm wide at base, 10-nerved, small basal pinnae 3-nerved, all pinnae with apical margins praemorse and nerves diverging toward tip. Inflorescences 1-2, interfoliar, 65-90 cm long; peduncle 26-30 cm long, ascending; prophyll and peduncular bracts not seen; rachis 8-22 cm long; rachillae 9-15, these 17-35 cm long, 0.5 mm diam., slender, spreading, wiry, flexuous; rachis and rachillae finely pebbled; peduncle, rachis, and rachillae with dense, whitish to light brown, +/- deciduous tomentum. Flowers in triads of a center, later-opening pistillate flanked on each of 2 sides by earlier-opening staminate, triads 13 mm distant at base of rachillae, 3 mm distant at tip, slightly sunken, subtended proximally by a thin, shelf-like bracteole 0.5 mm high and deeply cleft into 2 acute lobes, distal bracteole thicker, lip-like, 0.25 mm high, 2 bracteoles subtending pistillate flower, larger one sheathing, +/- cylindrical, 0.5 mm high, smaller one only partially sheathing, one small bracteole subtending one of staminate flowers. Staminate flowers 2.25 x 1.75 mm, ovoid, white; calyx 0.75 x 1.5 mm, cupular, sepals imbricate to apex, broadly rounded to truncate apically; petals 2 x 1 mm, ovate, valvate, boat-like, acute, prominently nerved when dry; stamens 6, 1.5 mm high, filaments 1.25 mm long, anthers 1 mm long, dorsifixed; pistillode 1.25 mm high, columnar, truncate and expanded at apex. Pistillate flowers seen just prior to anthesis, 2.5 x 1.75 mm, ovoid; calyx 1.25 x 1.5-1.75 mm, cupular, sepals bowl-

like, imbricate nearly to apex, broadly rounded apically; petals 2.5 x 1.5 mm, imbricate in basal 2 mm, mucronate with a tip 0.5 mm high, prominently nerved when dry; pistil 1.74 x 0.75 mm, ovoid, stigma with 3, short lobes. Fruits 11-12 x 6 mm, narrowly ovoid, white with pink blush, nearly ripe.

*Iguanura tenuis* occurs in wet mountain forest on the west side of middle peninsular Thailand. It has the smaller habit and trapezoid pinnae of *I. polymorpha* but the persistent, disintegrating leaf sheaths which do not form a crownshaft of *I. wallichiana*. It differs from both in the very slender, nearly wiry rachillae. The epithet means slender, and refers here to the rachillae.

**Licuala delicata** Hodel sp. nov. Fig 9-10.

*Licuala kingiana*e Becc. affinis sed petiolis non armatis, laminis segmenti paucioribus, inflorescentiis patens, bracteis pilis ferrugineis, rachillis multo brevioribus, floribus solitariis differt. Typus: Thailand, Betong, 800 m elev., D.R. Hodel, P. & R. Vatcharakorn 1740 (Holotypus BK).

Solitary, if clustered then only after many years and then with 1 dominant stem and 1 small sucker, dainty understory palmet, 1 m tall. Stem to 1.5 m long, 2 cm diam., decumbent or erect, brown, obscurely ringed. Leaves 13, palmately divided, spreading; sheaths 5 cm long, margins fibrous netted, brown, apex with slender, brown ocrea 5-8 cm long; petioles 16-30 cm long, slender, margins mostly unarmed, sometimes near the base with a few recurved spines 1 mm long; blade 18 x 30 cm, semi-orbicular, divided to the base into 4-5 segments, middle one 17 x 13.5-14 cm, 13-14-nerved, apex slightly rounded, lateral segments 15-16 x 2.5-5 cm, 5-nerved, basal ones 15-15 x 3-3.5, 3-4-nerved, 30 nerves total per blade, apical segment truncately praemorse, lobes 4 mm high, basal ones obliquely praemorse, lobes to 12 mm high.; thick reddish tomentum abaxially at base of blade. Inflorescences 1-2, interfoliar, 30 cm long, slender, nodding, furcate; peduncle 25-27 cm long; prophyll 17-20 cm long, tubular basally, inflated and long-open apically for 6 cm along one side, acute, peduncular bract 5 cm long, similar to prophyll, inserted 3 cm above apex of prophyll and