

soon caducous and leave a smooth attractive creamy surface with greenish tinge, old fruits taken from the ground having lost this character and become discolored; fruiting calyx much enlarged and applanate, the 3 conspicuous inner elements extending more than 1 cm. from point of attachment.

Panama and Canal Zone on the Pacific side, still growing natively in the region about Balboa and Panama City, often remaining in private premises after the land has been otherwise cleared sometimes as very small but productive trees on poor land; probably the grass fires destroy the seedlings. Paul H. Allen writes me that he has "seen groves of them on the way to the village of Ocu, and many scattered specimens in the hills about Santiago, in Veraguas Province." Type collection *Bailey 552* near Panama City; supplemented by *Allen 2213*, *H. H. Bartlett & Tobias Lasser 16977*. Fig. 272 is from photograph by H. H. Bartlett.

† 5. *Acrocomia belizensis*, spec. nov. Figs. 273, 274.

Species Honduræ Britannicæ: § Tectocomia: ab *A. mexicana* differt partibus gracilibus, spinis minoribus; petiolis angustioribus multi-costatis; pinnis multis et fere 1 cm. vel minus latis, satis viridibus, subter nec glaucis nec pubescentibus sed cum sparsis capillis appressis: spatha dense lanata et multis nigris spinis 2-6 cm. longis tecta; axibus spadiceis maturis lævibus nitidisque: fructu parvo, fere 3 cm. diam., glabro.

Differs from *A. mexicana* in parts more slender, spines much smaller, pinnæ much narrower and not gray or pubescent underneath but only with few very small appressed hairs, petiole and rachis bearing many very small prickles with hairs on the surface, spadix very slender at anthesis, main axis and rachillæ smooth and glossy at maturity, fruit smaller, shining, only slightly flattened endwise. Trunk and stature not recorded: pinnæ very numerous on long slender shallowly furrowed but not flattened rachis mostly less than 1 cm. broad but sometimes to 2 cm., gray and dull, midrib and many side-veins prominent, glabrous except for a few points and appressed hairs underneath; main spines on rachis to 9 cm. long, and spinescent scattered hairs conspicuous, base of petiole 3 cm. or less broad and inclosed in cloth-like hairy sheath 5 cm. and more across: main spathe to 20 cm. broad, thick and heavy, densely invested with fibrous wool and covered with numberless flat very sharp black spines 2-6 cm. long, axis of spadix glabrous, not spiny, nitid; flowers small: fruit 3 cm. or a little more cross diameter, briefly flattened at poles, more or less glossy but surface rough.

British Honduras, formerly known as Balize or Belize, and in this geographical sense the specific name is applied to the present gru-gru. The tree produces abundant fruit when the bole is only ten or twelve feet or less high and is still densely covered with old leaf bases. El Cayo district, Pine Ridge, Duck Run, *Bartlett 11561* (type); Corozal district, *Gentle 631*, called Suba; Maskells, *Mr. and Mrs. Arthur Langlois*.

6. *Acrocomia glaucophylla*, Drude, in Martius, Fl. Bras. iii, II, 392, t. 84 (1882).

Trunk invested with persistent bases of petioles, but its dimensions and