

ANEMIA WRIGHTII Baker Syn. Fil. 435.

On limestone boulders (coraline) in open woods, center of the island, Cozumel (1564).

The specimens are excellent examples of this very slender fertile-fronded dimorphous *Anemia*, the sterile fronds of which might be mistaken for a delicate form of *A. adiantifolia*.

CYCADACEÆ.

Zamia Allison-Armourii sp. nov.

Rootstalk semifusiform, amylacious, 20 cm. long, 3-5 cm. in diameter; leaves, 5, palmose, 75 cm. long; petioles glabrous throughout, trisulcate from the base; leaflets all alternate, 16 jugal, broadly linear-lanceolate, narrowed at the base, round-pointed and slightly sharp-serrate at the apex, not falcate, prominently and distinctly 26-veined, the median 18-20 cm. long, 1.3-1.5 cm. broad, the basal and apical leaflets 16 cm. long, 1.3 cm. broad, somewhat more prominently serrate, the margins not revolute. Male strobiles in anthesis 9 cm. long, 1.5 cm. diameter, cylindrical acute at the base and apex; peduncle 5 cm. densely rusty tomentose; peltæ transversely ovate, rusty tomentose, 5 x 4 mm. arranged in 9 longitudinal rows. Type in Field Col. Mus. Herb. No. 60817.

Near *Z. augustifolia* and *Z. Portoricensis* Urb. Syll. Antill. 291, but differing entirely in general and special habit. The nearest specimen of *Z. augustifolia* is Wright's Cuban 1463, the leaflets of which are sub-falcate 13 x 1.8 cm., more or less 30-veined, the veins indistinct, leaf sharply serrate from near the middle.

Shady, moist banks of streams inland from San Domingo City (817). The rootstocks are gathered, boiled and eaten by the natives, who, however, have as yet made no attempt to cultivate the species.

PINACEÆ.

JUNIPERUS BERMUDIANA Linn. Sp. Pl. 1039.

Throughout the Bermuda Islands. Hamilton, Paget's (4) and the bay islets (13) in full fruit. Notwithstanding the excellently differentiative treatment of this species by Dr. Maxwell T. Masters in Jour. Bot. 1899:1, I cannot specifically separate it from *J. Virginiana* Linn., though, in the absence of fuller specimens, I deem it best to retain the more local name. The differences shown by my fruiting specimens from many American coast specimens of *Virginiana* might well be due to environmental causes.

TYPHACEÆ.

TYPHA DOMINGENSIS (Pers.) Kunth, Enum. 3.

T. angustifolia Domingensis Pers. Margin of lagoon south of Progreso, Yucatan (1676), female spadix 14.5 x 1 cm., interspace 5.3 cm.; male spadix 24.5 cm., leaves 1 m. x .6 cm.

ALISMACEÆ.

SAGITTARIA LANCIFOLIA Linn. Syst. ed x: 1270.

Ditches at the base of the foothills near Bayamon, Porto Rico