

NOTES ON NEW AND NOTEWORTHY PLANTS. XCI

Harold N. Moldenke

CITHAREXYLUM LOJENSE Moldenke, sp. nov.

Arbor foliis ellipticis petiolatis 9—22 cm. longis 5.5—7 cm. latis acuminatis integris ad basin acuminatis utrinque subglabratiss vel minutissime pulverulentis, inflorescentiis solitariis terminalibus in maturitate mutantibus ca. 18 cm. longis.

A tree about 8 m. tall, the trunk about 25 cm. in diameter at breast height; branchlets slender, brownish-gray, obtusely tetragonal, many-striate, subglabrate or very minutely pulverulent; leaves decussate-opposite; old leaf-scars large, prominent, corky, ascending; petioles short, about 1 cm. long, sulcate above and slightly margined, subglabrate or minutely pulverulent-puberulent; leaf-blades elliptic, 9—22 cm. long, 5.5—7 cm. wide, conspicuously acuminate at both apex and base, entire, subglabrate or very minutely pulverulent on both surfaces, with 2 rather small inconspicuous sunken glands at the base beneath; flowers not seen; fruit in terminal, solitary, mutant racemes about 18 cm. long; peduncle short, slender, about 2 cm. long, lenticellate, subglabrate; rachis slender, subglabrate, striate, lenticellate; pedicels in fruit about 1 mm. long; fruiting-calyx campanulate, about 5 mm. long and wide, varying from erose-margined to shallowly or rather deeply lobed.

The type of this species was collected by Alfredo Samaniego V. and Francisco A. Vivar C. (no. 46) in a dry subtropical forest at Roblones, 40 km. northeast of Zapotillo, Loja, Ecuador, at an altitude of 900 meters, on August 8, 1975, and is deposited in my personal herbarium, at present at Plainfield, New Jersey. The collectors record the vernacular name, "sobo sobo".

CLERODENDRUM LINDLEYI var. *PANICULATUM* Moldenke, var. nov.

Haec varietas a forma typica speciei inflorescentiis perspicue paniculatis multiseriatis usque ad 24 cm. altis recedit.

This variety differs from the typical form of the species in having its inflorescences very plainly and conspicuously paniculate, consisting of about 12 or more pairs of opposite cymes in longitudinal series, the whole to about 24 cm. tall, the individual cymes long-pedunculate, many-flowered, and conspicuously bracteate.

The type of this variety was collected by Clair Alan Brown (no. 3887) along "New Roads", near Anchor, Pointe Coupee Parish, Louisiana, on October 22, 1932, and is deposited in the herbarium of Louisiana State University at Baton Rouge, Louisiana. The collector describes the plant as having "5 petals, pinkish seed, 4 stamens, stocky, strong odor".

STACHYTARPHETA JAMAICENSIS f. *ATROCOERULEA* Moldenke, f. nov.

Haec forma a forma typica speciei differt foliorum laminis plerumque maioribus late ellipticis usque ad 5.5 cm. latis non griseo-caeruleo-viridibus (in statu vivo) et corollis perspicue atrocoeruleis vel purpureis.

This form differs from the typical form of the species in usually having its leaf-blades conspicuously larger and broader, elliptic or broadly elliptic in outline, deeply and irregularly toothed, and not at all grayish- or bluish-green when fresh and the corollas conspicuously darker, dark violet-blue or purple.

The type of this form was collected by F. R. Fosberg (no. 56084), common in dense mat of herbaceous vegetation on "berm" or sand flat back of narrow beach, badly disturbed, at Fort Sherman, Torre Point, south of the west (Atlantic) end of the Panama Canal, altitude 1 m. at most, Canal Zone, Panama, on February 28, 1976, and is deposited in the United States National Herbarium at Washington. The collector notes "Rather depressed herb, leaves not grayish and flowers much darker violet than usual for *S. jamaicensis*."

VITEX MORONENSIS Moldenke, sp. nov.

Arbor, foliis oppositis 5-7-foliolatis, petiolis gracillimis 9-10 cm. longis minutissime puberulis, foliolis anguste ellipticis usque ad 16 cm. longis 5.5 cm. latis utrinque glabris ad apicem longe acuminatis ad basin acutis, petiolulis perspicue elongatis usque ad 4 cm. longis.

Tree, about 15 m. tall; trunk about 15 cm. in diameter at breast height; branchlets slender, light-gray, obtusely tetragonal or slightly flattened, glabrous, the youngest parts more or less pulverulent-puberulent; leaves decussate-opposite, long-petiolate, 5-7-foliolate; petioles very slender, 9-10 cm. long, very minutely puberulent; petiolules very slender, to 4 cm. long on the central leaflet, proportionately shorter on the lateral leaflets, glabrous, slightly sulcate or canaliculate above; leaflet-blades elliptic, submembranous, the central one to 16 cm. long and 5.5 cm. wide, rather long-acuminate at the apex, entire, acute at the base, glabrous on both surfaces, the venation rather obscure above and long lightly prominulous beneath, very slender; flowers and fruit not seen.

The type of this species was collected by Elbert L. Little, Jr., Alberto T. Ortega U., Alfredo Samaniego V., and Francisco A. Vivar C. (no. 548) in wet tropical Amazonian forest at Puerto Morona, east of Río Morona, province of Morona Santiago, Ecuador, at an altitude of 300 meters, on October 1, 1975, and is deposited in my personal herbarium at present at Plainfield, New Jersey. The collectors record the vernacular names, "pechiche" and "titirum".



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