

ADDITIONAL NOTES ON THE GENUS *CITHAREXYLUM*. XVII

Harold N. Moldenke

CITHAREXYLUM B. Juss.

Additional & emended bibliography: Poir. in Lam., Tabl. Encycl. Méth. Bot. [Illust. Gen.] 3: pl. 545 (1819) and 3: 57 & 95. 1823; Mold., Phytologia 47: 141--143 & 224. 1980; Mold., Phytol. Mem. 2: 5, 21, 48, 60, 61, 70, 71, 73--75, 77, 78, 80, 83, 85--88, 91--104, 107, 114, 121, 124, 125, 127, 132, 140, 173, 177, 180, 185, 193, 204, 218, 256, 259, 267, 291, 310, 341, 347, 348, 368, 371, 375, 380--383, 396, 437, 530--533, & 627. 1980; Wiggins, Fl. Baja Calif. 525--[527], fig. 496. 1980.

CITHAREXYLUM CAUDATUM L.

Additional bibliography: Mold., Phytologia 47: 224. 1980; Mold., Phytol. Mem. 2: 60, 70, 73, 75, 77, 78, 80, 83, 85, 88, 91, 93, 94, 97, 101, 107, 132, 310, 341, 347, 375, 380--383, & 531. 1980.

Additional & emended citations: NICARAGUA: Zelaya: A. *Molina* R. 15022 (N, W--2566902); Vincelli 589 (Z). PANAMA: Canal Zone: Mori & Kallunki 5026 (W--2846407).

CITHAREXYLUM CHARTACEUM Mold.

Additional bibliography: Mold., Phytologia 40: 492. 1978; López-Palacios, Revist. Fac. Farm. Univ. Andes 20: 18. 1979; Mold., Phytol. Mem. 2: 127, 132, 347, & 533. 1980.

CITHAREXYLUM COOPERI Standl.

Additional bibliography: Mold., Phytologia 40: 492 (1978) and 41: 62, 70, 71, & 111. 1978; Hocking, Excerpt. Bot. A.33: 90. 1979; Mold., Phytol. Mem. 2: 60, 70, 73, 75, 83, & 531. 1980.

CITHAREXYLUM COSTARICENSE Mold.

Additional bibliography: Mold., Phytologia 31: 348 & 352. 1975; Mold., Phytol. Mem. 2: 80 & 531. 1980.

Recent collectors describe this plant as a small or medium-sized tree, 5 m. tall, the trunk to 10 cm. in diameter at breast height, the [immature] fruit green, and have found it growing in pastures, on forest edges, and in primary forests, at 760--1550 m. altitude, flowering in December and January, fruiting in July. The corollas are said to have been "white" on *Haber* 247. Material has been misidentified and distributed in some herbaria as *C. macrophyllum* Poir.

Additional citations: COSTA RICA: Alajuela: *Lent* 2014 (Go). Puntarenas: *Haber* 247 (Z); *Lawton* 1136 (N).

CITHAREXYLUM CRASSIFOLIUM Greenm.

Additional bibliography: H. N. & A. L. Mold., Pl. Life 2: 43. 1948; Mold., Phytologia 41: 62, 63, & 119. 1978; Mukherjee & Chan-

da, Trans. Bose Res. Inst. 41: 40. 1978; Mold., Phytol. Mem. 2: 60, 70, 73, & 531. 1980.

CITHAREXYLUM DECORUM Mold.

Additional bibliography: Mold., Phytologia 41: 62--63. 1978; R. F. Sm., Act. Bot. Venez. 13: 193, 205, & 264, fig. 153. 1978; López-Palacios, Revist. Fac. Farm. Univ. Andes 20: 18. 1979; Mold., Phytol. Mem. 2: 114 & 531. 1980.

Additional illustrations: R. F. Sm., Act. Bot. Venez. 13: 264, fig. 153. 1978.

Smith (1978) describes this plant as "Cuatro filas. Tallo cuando joven con cuantros aristas longitudinales. Flores en espigas. De tierra templado. Arbol secundario."

CITHAREXYLUM DENTATUM D. Don

Additional bibliography: Mold., Phytologia 41: 63. 1978; Mold., Phytol. Mem. 2: 132, 382, & 531. 1980.

CITHAREXYLUM DISCOLOR Turcz.

Additional & emended bibliography: Alain in León & Alain, Fl. Cuba, imp. 1, 4: 299 & 301. 1957; Mold., Phytologia 41: 63. 1978; Mold., Phytol. Mem. 2: 88, 94, & 531. 1980.

CITHAREXYLUM DONNELL-SMITHII Greenm.

Additional bibliography: Mold., Phytologia 41: 62--64, 69, 70, 106, & 119. 1978; Mold., Phytol. Mem. 2: 60, 71, 75, 77, 80, 83, 347, 382, & 531. 1980.

Recent collectors refer to this species as a tree, 4--10 m. tall with "greenish-orange" fruit, and have found it in flower March and November and in fruit in May, growing at 1100--2000 m. altitude. Dziekanowski and his associates found it cultivated as a street tree in Guatemala. The corollas are said to have been "white" on Croat 33499 and Lent 2236.

Material of this species has been misidentified and distributed in some herbaria as *C. macradenium* Greenm. On the other hand, the Mori & Kallunki 5615 & 5618, distributed as *C. donnell-smithii*, are more probably *C. recurvatum* Greenm., while Haber 260 is *C. integerrimum* (Kuntze) Mold.

Additional citations: COSTA RICA: Heredia: Gómez Pompa 1221 (Me--91499); Lent 2236 (Go). PANAMA: Chiriquí: Croat 33499 (W--2846409). CULTIVATED: Guatemala: Dziekanowski, Dunn, Case, Trott, & Thurm 3480 (N).

CITHAREXYLUM DRYANDERAE Mold.

Additional bibliography: Mold., Phytologia 41: 64. 1978; López-Palacios, Revist. Fac. Farm. Univ. Andes 20: 18. 1979; Mold., Phytol. Mem. 2: 107, 132, & 531. 1980.

Berlin found this species growing in primary forests, at 180 m. altitude, describing it as a tree, 20 m. tall, the red-orange fruit arranged in "drooping panicles" [actually racemes!]. He found it fruiting in August and reports its use by Peruvians to make living fences, the vernacular name being "tsáagnum muyuwayu".

Additional citations: PERU: Amazonas: Berlin 3531 (Z).

[to be continued]



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