

below.

Additional citations: MEXICO: Coahuila: Wendt & Lott 1407 (Au); Wendt, Lott, & Mispagel 1875 (Au, Me--259580).

ADDITIONAL NOTES ON THE GENUS CASSELIA. V

Harold N. Moldenke

The previous installment of my notes on this genus was published in *Phytologia* 40: 477--479 (1978). For a detailed explanation of the herbarium acronyms employed in this and all others in my long series of papers on verbenaceous and ericocaulaceous genera, see *Phytologia Memoirs* 2: 463--469 and *Phytologia* 50: 268. 1982.

CASSELIA Nees & Mart.

Additional bibliography: Cham., *Linnaea* 7: 364--366. 1832; Endl., *Gen. Pl.* 1: 634. 1838; Meisn., *Pl. Vasc. Gen.* 2: 199. 1840; Reichenb., *Deutsch. Bot. [Repert. Herb. Nom.]* 108. 1841; Brongn., *Enum. Gen. Pl.*, ed. 1, 65. 1843; D. Dietr., *Syn. Pl.* 3: 371, 605--606, & 618. 1843; Walp., *Repert. Bot. Syst.* 4: 39--40. 1845; Lindl., *Veg. Kingd.* 664. 1846; A. L. Juss. in Orbigny, *Dict. Univ. Hist. Nat.* 13: 184. 1849; Brongn., *Enum. Gen. Pl.*, ed. 2, 119. 1850; C. Muell. in Walp., *Ann. Bot. Syst.* 5: 705. 1860; Miers, *Trans. Linn. Soc. Lond. Bot.* 27: 102. 1871; Pfeiffer, *Nom. Bot.* 1 (2): 1855 (1874), 2 (1): 132 (1874), and 2 (2): 1593. 1874; Durand, *Ind. Gen. Phan.* 321. 1888; Baill., *Hist. Pl.* 11: 80 & 98. 1891; Briq. in Engl. & Prantl, *Nat. Pflanzenfam.*, ed. 1, 4 (3a): 139--142, 157, & 158, fig. G--J. 1895; S. Moore, *Trans. Linn. Soc. Lond. Bot.*, ser. 2, 4: 439 & 521. 1895; Briq. in Engl. & Prantl, *Nat. Pflanzenfam.*, ed. 1, 4 (3a): [381]. 1897; Post & Kuntze, *Lexicon* 103 & 688. 1904; D. H. Scott in Solered., *Syst. Anat. Dicot.* [transl. Boedle & Fritsch] 2: 1021. 1908; Nienburg, *Justs Bot. Jahresber.* 39 (2): 1051. 1916; J. C. Willis, *Dict. Flow. Pl.*, ed. 5, 124. 1925; Lemée, *Dict. Descrip. Syn. Gen. Pl. Phan.* 8B: 653. 1943; H. N. & A. L. Mold., *Pl. Life* 2: 22--24, 31, 53, 59, 61, 63, 73, & 83. 1948; Metcalfe & Chalk, *Anat. Dicot.* 2: 1031--1033 & 1040. 1950; Lawrence, *Tax. Vasc. Pl.*, imp. 1, 688. 1951; J. C. Willis, *Dict. Flow. Pl.*, ed. 6, 124. 1951; Dalla Torre & Harms, *Gen. Siphonog.*, imp. 2, 431. 1958; Rickett & Stafleu, *Taxon* 9: 84. 1960; Dalla Torre & Harms, *Gen. Siphonog.*, imp. 3, 431. 1963; Rouleau, *Guide Ind. Kew.* 37, 188, & 352. 1970; Lawrence, *Tax. Vasc. Pl.*, imp. 2, 688. 1971; Napp-Zinn, *Anat. Blatt. A* (1): 418. 1974; Mold., *Phytologia* 40: 477--479 & 506. 1978; Mukherjee & Chanda, *Trans. Bose Res. Inst.* 41: 40, 45, & 47. 1978; Hocking, *Excerpt. Bot. A* 33: 90. 1979; Rogerson, Becker, & Prince, *Bull. Torrey Bot. Club* 106: 62.

1979; Mold., Phytol. Mem. 2: 4, 139, 140, 173, 176, 347, 379, 445, & 529. 1980; Mold., Phytologia 45: 40 & 504 (1980) and 47: 411 & 504. 1981; Brenan, Ind. Kew. Suppl. 16: 58. 1981.

It is of at least passing interest that Reichenbach (1828) classified this genus in the Lamiaceae, while Rickett & Stafleu (1960) place it, apparently by editorial error, in the Boraginaceae.

CASSELIA CHAMAEDRYFOLIA Cham.

Additional synonymy: Casselia chamaedrifolia Cham. ex D. Dietr., Syn. Pl. 3: 605. 1843.

Additional bibliography: D. Dietr., Syn. Pl. 3: 605—606. 1843; Walp., Repert. Bot. Syst. 4: 40. 1845; Mold., Phytologia 40: 477. 1978; Mold., Phytol. Mem. 2: 139, 379, & 529. 1980.

CASSELIA CONFERTIFLORA (Mold.) Mold.

Additional bibliography: Mold., Phytologia 40: 477 & 478. 1978; Mold., Phytol. Mem. 2: 139, 445, & 529. 1980.

CASSELIA CONFERTIFLORA var. LACINIATA (Mold.) Mold.

Additional bibliography: Mold., Phytologia 40: 477. 1978; Mold., Phytol. Mem. 2: 139 & 529. 1980.

CASSELIA GLAZIOVII (Briq. & Mold.) Mold.

Additional bibliography: Mold., Phytologia 40: 477—479. 1978; Mold., Phytol. Mem. 2: 139 & 529. 1980; Brenan, Ind. Kew. Suppl. 16: 58. 1981.

CASSELIA GLAZIOVII var. SERRATA Mold.

Additional bibliography: Mold., Phytologia 40: 478 & 479. 1978; Mold., Phytol. Mem. 2: 139 & 529. 1980; Brenan, Ind. Kew. Suppl. 16: 58. 1981.

CASSELIA HASSLERI Briq.

Additional bibliography: H. N. & A. L. Mold., Pl. Life 2: 63. 1948; Mold., Phytologia 40: 478. 1978; Mold., Phytol. Mem. 2: 176 & 529. 1980.

CASSELIA HYMENOCALYX Briq.

Additional bibliography: Mold., Phytologia 40: 478. 1978; Mold., Phytol. Mem. 2: 176, 347, & 529. 1980.

CASSELIA INTEGRIFOLIA Nees & Mart.

Additional bibliography: D. Dietr., Syn. Pl. 3: 606. 1843; Walp., Repert. Bot. Syst. 4: 40. 1845; D. H. Scott in Solered., Syst. Anat. Dicot. [transl. Boodle & Fritsch] 2: 1021. 1908; H. N. & A. L., Mold., Pl. Life 2: 59. 1948; Mold., Phytologia 40: 478. 1978; Mold., Phytol. Mem. 2: 139, 347, & 529. 1980.

Hatschbach encountered this plant on campo cerrado, flowering in November, and reports the corollas as "rose"-color when fresh.

Additional citations: BRAZIL: Mato Grosso: Hatschbach 37421

(Eu--46936).

CASSELIA INTEGRIFOLIA var. *FISCHERI* (Mart.) Mold.

Additional bibliography: D. Dietr., Syn. Pl. 3: 618. 1843; Mold., Phytologia 40: 478. 1978; Mold., Phytol. Mem. 2: 347 & 529. 1980.

CASSELIA MANSOI Schau.

Additional & emended bibliography: C. Muell. in Walp., Ann. Bot. Syst. 5: 705. 1860; Briq. in Engl. & Prantl, Nat. Pflanzenfam., ed. 1, 4 (3a): 157, fig. G & J. 1895; S. Moore, Trans. Linn. Soc. Lond. Bot., ser. 2, 4: 439 & 521. 1895; H. N. & A. L. Mold., Pl. Life 2: 83. 1948; Mold., Phytologia 40: 479. 1978; Mold., Phytol. Mem. 2: 139, 173, & 529. 1980.

Additional illustrations: Briq. in Engl. & Prantl, Nat. Pflanzenfam., ed. 1, 4 (3a): 157, fig. G & J. 1895.

Recent collectors describe this plant as decumbent and have encountered it at 170 m. altitude, flowering and fruiting in April. The corollas are said to have been "violet" in color on the collection cited below.

Additional citations: BOLIVIA: Santa Cruz: Krapovickas & Schinini 36181 (Ld).

CASSELIA ROSULARIS Sandw.

Additional bibliography: Mold., Phytologia 40: 479. 1978; Mold., Phytol. Mem. 2: 139 & 529. 1980.

Oliveira describes this plant as having a xylopodium and "lilac"-colored corollas. He found it growing on campo cerrado, in full flower in September.

Additional citations: BRAZIL: Mato Grosso: Oliveira 51 (Ld), 53 (Ld).

CASSELIA SERRATA Nees & Mart.

Additional bibliography: D. Dietr., Syn. Pl. 3: 606. 1843; Mold., Phytologia 40: 478 & 479. 1978; Mold., Phytol. Mem. 2: 139 & 529. 1980.

CASSELIA VERONICAEFOLIA Cham.

Additional bibliography: D. Dietr., Syn. Pl. 3: 605. 1843; Mold., Phytologia 40: 479. 1978; Mold., Phytol. Mem. 2: 139 & 529. 1980.

CASSELIA ZELOTA (Mold.) Mold.

Additional bibliography: Mold., Phytologia 40: 479. 1978; Hocking, Excerpt. Bot. A.33: 90. 1979; Mold., Phytol. Mem. 2: 139 & 529. 1980.



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