

MORKILLIA, A NEW NAME FOR THE GENUS CHITONIA;  
WITH DESCRIPTION OF A NEW SPECIES

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**MORKILLIA** Rose & Painter, new generic name

*Chitonia* Moç. & Sessé; DC. Prod. 1: 707. 1824, not D. Don, Mem. Wern. Soc. 4: 317. 1823.

The genus *Chitonia* has hitherto been unrepresented in many of our larger herbaria, or has been represented only by material collected many years ago. Until now it has rested upon a single species, *C. mexicana*. Fruiting specimens of this were collected in 1905 near Tehuacán, Mexico, and in 1906 fruit and flowers were obtained from the same place. Some years earlier, Mr. E. W. Nelson had collected in northern Mexico a very different species, which is here described as new.

The name *Chitonia* of Moçino & Sessé is a homonym of the *Chitonia* of D. Don, and hence a new name is here proposed. The genus is named *Morkillia* in honor of Mr. W. L. Morkill, general manager of the Mexican Southern Railroad, who has taken a great interest in and has contributed to the development of our explorations in southern Mexico.

**MORKILLIA MEXICANA** (Moç. & Sessé) Rose & Painter

*Chitonia mexicana* Moç. & Sessé; DC. Prod. 1: 707. 1824.

Shrub 3 to 5 meters high; young branches densely pubescent; lateral leaflets 4 to 7 pairs, oblong, obtuse or at first acute, shortly petiolulate, very pubescent on both surfaces, 3 to 5 cm. long; flowers large and showy, 8 to 9 cm. in diameter; petals strongly notched, deep purple; fruit 4 to 5 cm. long with 4 lateral wings, these free at the top and more or less incurved, dehiscing when mature, exposing the red aril of the seeds; seeds white with a black spot at the tip.

*Specimens examined*.—Puebla: near Tehuacán, Rose & Painter, August 30, 1905 (no. 9992); J. N. & J. S. Rose, September 2, 1906 (no. 11278); also C. A. Purpus, July, 1905 (no. 1315).

**MORKILLIA ACUMINATA** Rose & Painter, sp. nov.

Near *M. mexicana*, but leaflets paler above, ovate and acuminate, more densely pubescent, flowers much smaller (6 cm. or less broad), petals less notched, and fruit broader and nearly truncate at apex.

Collected by Mr. E. W. Nelson on road over mountain between Victoria and Jaumave Valley, altitude 240 to 750 meters, May 31, 1898 (no. 4444).

*Type*.—U. S. National Herbarium, no. 332515.