

A NEW SPECIES OF *GENTIANA* (GENTIANACEAE) FROM NUEVO LEÓN, MEXICO

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ABSTRACT

A new species of *Gentiana*, *G. hintoniorum* B.L. Turner, from Nuevo León, México, is described and illustrated. It belongs to the sect. *Pneumonanthe* and relates to *Gentiana laevigata*, the latter known only from the Mexican states of Chiapas and Oaxaca.

KEY WORDS: Gentianaceae, *Gentiana*, México, Nuevo León, systematics

GENTIANA HINTONIORUM B.L. Turner, *spec. nov.* Figure 1. TYPE: MEXICO. Nuevo León: Mpio. Aramberri, Cerro Viejo, 2435 m, pine-oak forest, 19 Nov 1993, *Hinton et al.* 23961 (HOLOTYPE: TEX!).

Similis *G. laevigatae* Mart. & Gal. sed tubis calycum fississimis (vice non fissorum) et corollis parvioribus, ca. 2 cm longis (vice 2.5-4.0 cm longis).

Perennial herbs ca. 25 cm high. Stems reddish, minutely hispidulous, the vestiture 0.1 mm high or less. Leaves opposite throughout, gradually reduced upwards. Midstem leaves linear-lanceolate to subfalcate, entire, 2-3 cm long, 0.3-0.4 cm wide, uninervate, pubescent like the stem, especially along the margins and midrib. Flowers arranged in terminal spike-like racemes 3-13 cm long, the pedicels 4-12 mm long. Bracts at base of calyx 2, linear-lanceolate, 6-10 mm long, ca. 0.5 mm wide. Calyces 8-12 mm long, tubes 5-7 mm long with a lateral sinus 3-4 mm deep; lobes 5-6, linear-lanceolate, 2-4 mm long. Corollas blue, ca. 2 cm long; lobes 5, broadly ovate, apiculate, between these, 1-2 appendages 2-3 mm long. Stamens 5, ca. 18 mm long, glabrous; anthers yellow, ca. 2 mm long, basally attached, or nearly so. Capsules (immature) ca. 18 mm long, glabrous; beak ca. 1.5 mm long; stigmas two, ca. 0.8 mm long, sharply recurved.

This species belongs to the sect. *Pneumonanthe* of *Gentiana* and, except for its deeply cleft calyx, would key to or near *G. laevigata* in Pringle's (1977) treatment of the Mexican species of this section. The latter, so far as known, occurs only in the Mexican states of Chiapas and Oaxaca.



Figure 1. *Gentiana hintoniorum* B.L. Turner, from holotype.

It is a pleasure to name this apparently localized endemic for the Hinton family, who continue to garner a remarkable array of endemic plants from northeastern México.

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LITERATURE CITED

- Pringle, J.S. 1977. Taxonomy and distribution of *Gentiana* (Gentianaceae) in México. *Sida* 7:174-217.



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