

Cerithe gymnandra Gasparr. var. *quichiotis* (*Boraginaceae*), a new taxon from Central Spain

M. A. CARRASCO

Depart. Biología Vegetal, 1. Facultad de Biología,
Universidad Complutense, E-28040 Madrid, Spain.

Abstract

CARRASCO, M. A., 1993. *Cerithe gymnandra* Gasparr. var. *quichiotis* (*Boraginaceae*), a new taxon from Central Spain. *Bot. Complutensis* 18: 169-172

A new variety of *Cerithe gymnandra* Gasparr.: *C. gymnandra* var. *quichiotis* is described and illustrated from South-East of the Castillian Plateau (Albacete and Ciudad Real provinces, Spain).

Additional key words: *Cerithe*, Taxonomy, Spain.

Resumen

CARRASCO, M.A., 1993. *Cerithe gymnandra* Gasparr. var. *quichiotis* (*Boraginaceae*), nuevo taxon del Centro de España. *Bot. Complutensis* 18:169-172

Se describe la variedad *Cerithe gymnandra* Gasparr. var. *quichiotis* (*Boraginaceae*), del SE de la Meseta Castellana, en las provincias de Ciudad Real y Albacete. Se presenta también un icón del taxon.

Palabras clave: *Cerithe*, Taxonomía, España.

INTRODUCTION

In the Iberian Peninsula, up to now, only two taxa of the genus *Cerinth* L. are known: *C. major* L. and *C. gymnandra* Gasparr. var. *gymnandra*, both belong to Section *Cerinth* (REICHENBACH, 1831), and both with basic number $x=8$, LUQUE (1990: 268).

VALDÉS (1981) studied this group in the Iberian Peninsula, and established both taxa in the specific level, presenting the distribution areas of them. However, recent observations made from plants in field, supplemented by herbarium studies, have shown that the plants of *C. gymnandra* collected in South-East of the Castillian Plateau (Albacete and Ciudad Real provinces), far away from known areas of this taxon, cannot be included in any of the three varieties described by MURBECK (1898). Therefore we must describe and illustrate a new variety.

Cerinth gymnandra Gasparr. var. *quichiotis* Carrasco, var. nova (fig. 1)

A var. *gymnandra* antheris maioribus (7,5-8,5 mm longis), longius exsertis (ita ut e corolla 4,5-6,4 mm prodeant), aperte differt.

Typus: CIUDAD REAL: Lagunas de Ruidera, base de los cerros frente a la laguna La Colgada, al lado de la carretera, 30S WJ1112, 9-V-1980, leg. M.A.Carrasco et M.Velayos (Holotypus MACB 47373, Isotypi MACB 47374, MA).

Corolla 19-22 mm, slightly saccate. Stamens inserted on the top third of the corolla-tube. Anthers 7,5-8,5 mm, long-exserted, exceeding the corolla by 4,5-6,4 mm, ie. 50%-75% of their length. Nutlets almost dull, 4-4,5 x 3,1-3,2 mm.

Other specimina visa:

ALBACETE: Alcaraz, La Molata ["La Mulata"(sic)], 24-V-1928, leg. Cuatrecasas, 2257, MAF 1603; ["Ciudad Real" (sic)]: La Molata, 20-VI-1935, leg. González Albo, MA 96778; Alcaraz, La Molata, en herbazales con gran humedad, muy escasa, WH 4677, 11-VI-1983, leg. J.M.Herranz, MA 326329.

CIUDAD REAL: Lagunas de Ruidera, bordes de la carretera frente a la Laguna La Colgada, 30S WJ1112, 4-IV-1987, M. A. Carrasco, C.Monge et M.Velayos, MACB 47375.

ACKNOWLEDGEMENTS

I am indebted to Dr. M. Laínz for his assistance with the Latin diagnoses and to J.L. Castillo who has drafted the figures.

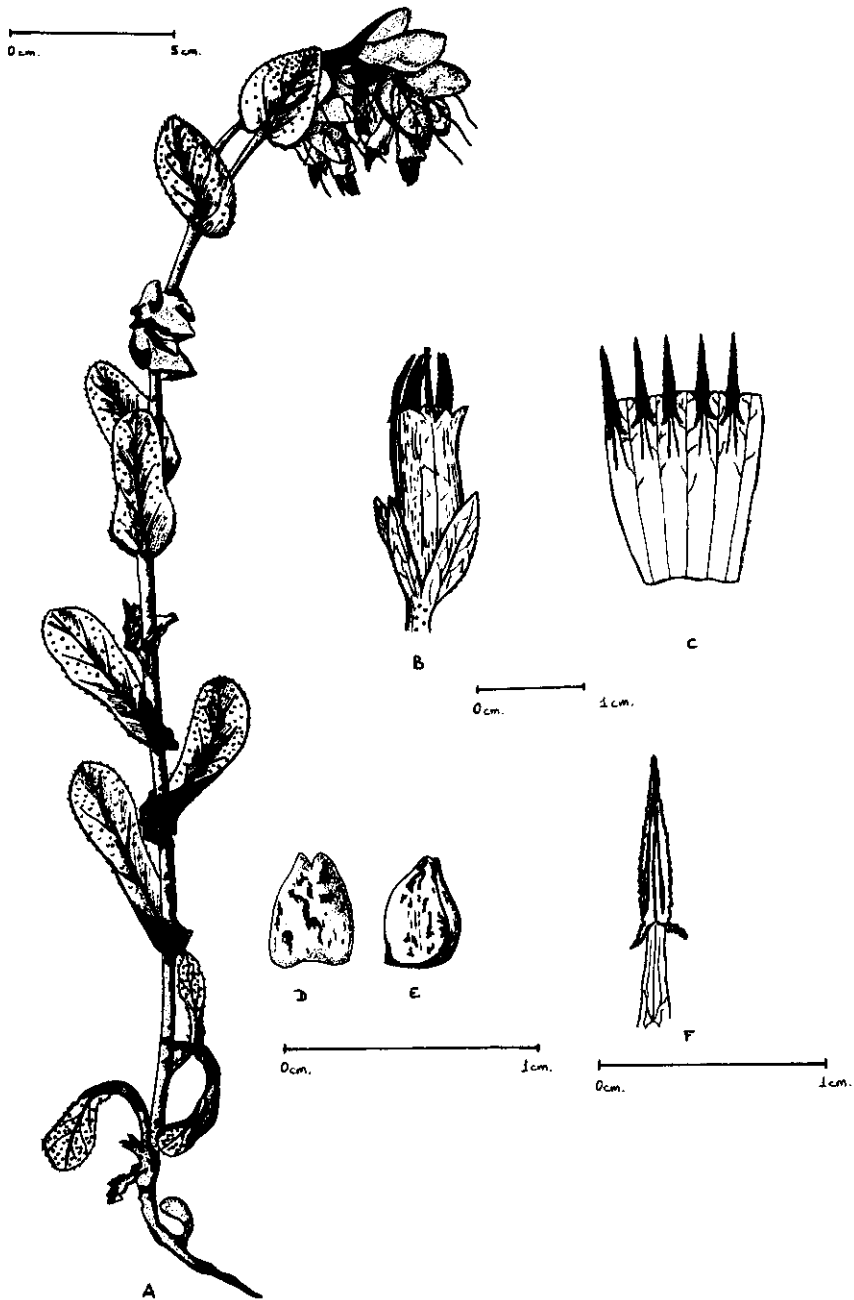


Fig. 1.- *Cerinthe gymnandra* Gaspar. var. *quichiotis* Carrasco, A: habit, B: flower, C: open corolla with stamens, D: nutlet dorsal view, E: nutlet side view, F: stamen.

REFERENCES

- LUQUE, T. 1990 Karyological studies on the Spanish *Boraginaceae*, V: *Onosma* L., *Cerithe* L. and *Alkanna* Tausch (*Lithospermeae*). *Botanical Journal of the Linnean Society* 102: 261-272.
- MURBECK, S. 1898 Contributions à la connaissance de la Flore du Nord-Ouest de l'Afrique. *Lunds Univers. Arssk.* 34 (2,7): 1-41.
- REICHENBACH, L. 1831 *Flora Germanica Excursoria*, 1: 339-340. Lipsiae.
- VALDÉS, B. 1981 *Cerithe major* L. y *C. gymandra* Gasparr. *Lagascalia* 10(1): 98-104.

Acceptedo 15 de enero de 1993