

A new *Consolida* subspecies from Anatolia

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Resum

MIRSDALI, H., R. ILARSLAN & S. TOKUR (1990). Una nova subspècie de *Consolida* d'Anatòlia. Collect. Bot. (Barcelona) 19: 41-44.

Es descriu una nova subspècie d'Anatòlia, *Consolida hellespontica* (Boiss.) Chater subsp. *rosea* Misirdali & Ilarslan subsp. *nova*.

Mots clau: Angiospermes, *Ranunculaceae*, *Consolida hellespontica*, Flora de Turquia.

Abstract

MISIRDALI, H., R. ILARSLAN & S. TOKUR (1990). A new *Consolida* subspecies from Anatolia. Collect. Bot. (Barcelona) 19: 41-44.

A new subspecies from Anatolia, *Consolida hellespontica* (Boiss.) Chater subsp. *rosea* Misirdali & Ilarslan subsp. *nova*, is described.

Keywords: Angiosperms, *Ranunculaceae*, *Consolida hellespontica*, Flora of Turkey.

***Consolida hellespontica* (Boiss.) Chater subsp. *rosea*, nova.**

Planta adpresso puberula, foliorum segmentis et bracteis linearibus, inflorescentia racemosa, floribus 2-2,5 cm longis, roseis, calcaribus sepalorum horizontalibus, 12-15 mm longis, petalis trilobis, apice obtusis, fructibus adpresso pubescentibus, sericeis, maturis deorsum refractis. Floret VI-VII.

Typus: Turkey B3 ESKIŞEHİR: Mahmudiye, Mecidiye village, edge of field, 1000-1100 m, 15.VI.1987, Misirdali et Ilarslan, AUFE 2733 (Holo. AUFE, Iso. ANK).

In samples of *Consolida hellespontica* the color of the flower is violet or violet-blue. Sepal and petal colors show different characteristics in the sample described by us as a subspecies of *C. hellespontica*, collected near Eskişehir. In this sample which we describe, the sepal color is rose-pink and the petal color pinkish-white. As a result of research conducted between 1984-1989 on *Consolida* species in the herbariums of the Edinburgh Royal Botanical Garden, Kew Botanical Garden and the British Museum (England), this sample is accepted as a subspecies of *C. hellespontica* by Prof. Kit Tan.

This subspecies has been called subsp. *rosea* because of its pink-rose sepal color.

This is a new attempt to clarify the infraspecific taxonomy of the polyploid species *C. hellespontica* after some years of study of *Consolida* herbarium samples and field observations. Previously, CHOWDHURI, DAVIS & HOSSAIN (1958) recognized several subspecies of this taxon

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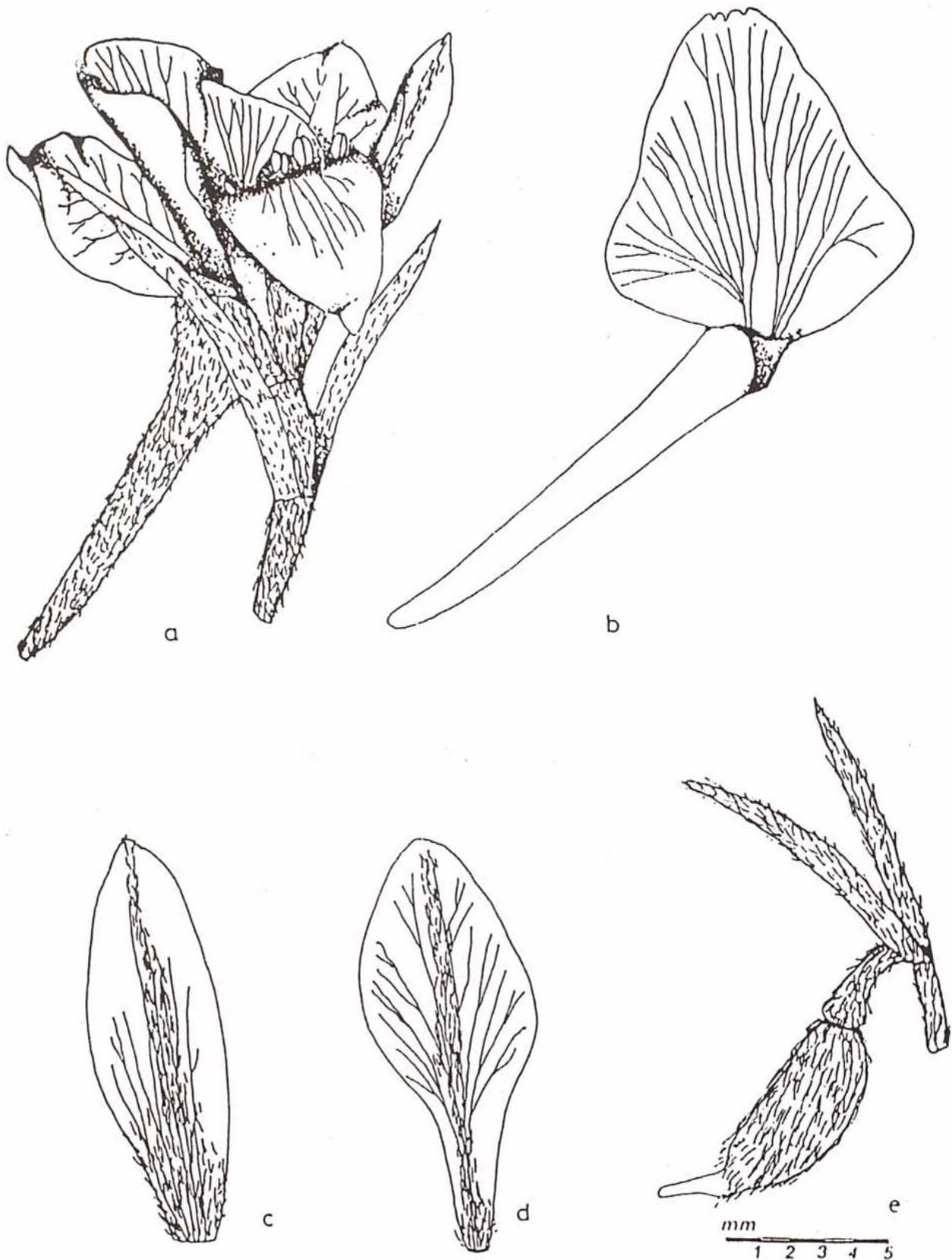


Fig. 1.—*Consolida hellespontica* (Boiss.) Chater subsp. *rosea* Misirdali & Ilarslan, subsp. nova.
a) flower; b) corolla; c) lateral sepal; d) lower sepal; e) mature fruit.

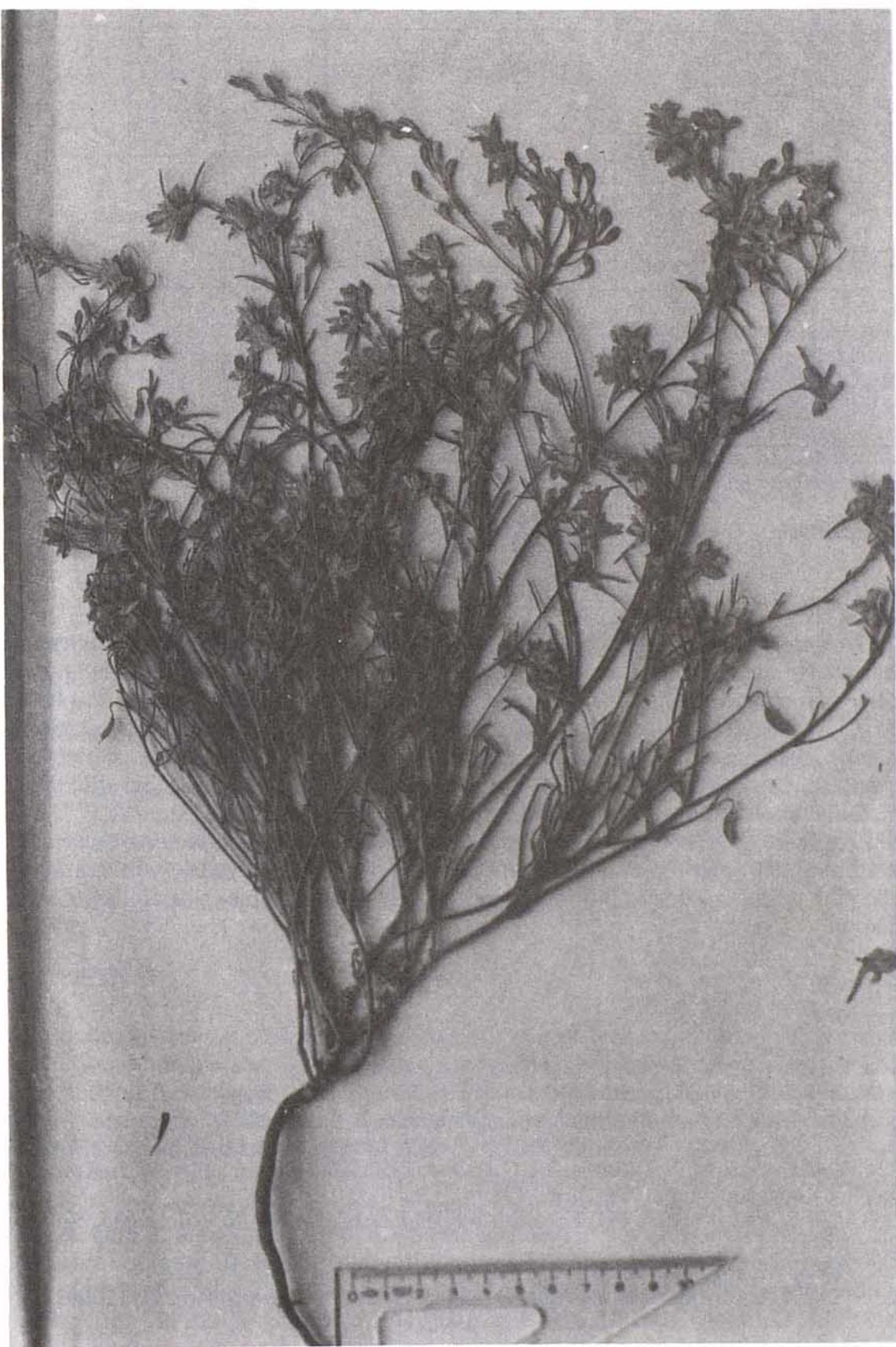


Fig. 2.—*Consolida hellespontica* (Boiss.) Chater subsp. *rosea* Misirdali & Ilarslan, subsp. nova (AUFE 2733), Habit.

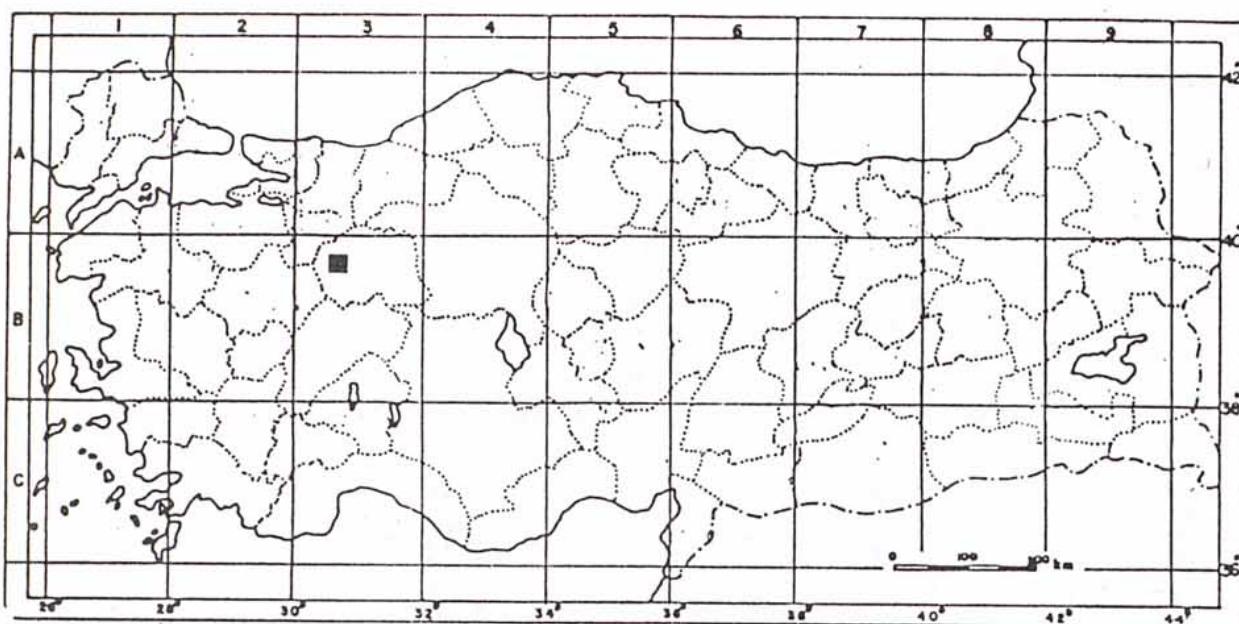


Fig. 3.—Distribution of *Consolida hellespontica* (Boiss.) Chater subsp. *rosea* Misirdali & Ilarslan.

(under *Delphinium hellesponticum* Boiss.): subsp. *hellesponticum*, subsp. *macedonicum* (Hal. & Charrel) Hossain & Davis, subsp. *campylopodum* (Freyn.) Hossain & Davis and subsp. *aintabense* Hossain & Davis. The distinction between two of these subspecies was based on flower color characters among other factors: yellowish-pinkish when dry (subsp. *campylopodum*) and light blue-pinkish white (subsp. *hellesponticum*), also when dry. However, this subspecific distinction was abandoned some years later (see DAVIS, 1963: 133) after the study of additional intermediate materials.

Although the flower color varies in some populations of *C. hellespontica*, these changes range from violet/deep blue/lilac to pale blue/pale purple, and even to white, and do not include pink petals. In contrast, this is a very constant character in our Anatolian (Eskişehir) population.

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