

NEW LOCALITY OF THE SPECIES *Corydalis acaulis* (Wulfen) Pers. (FUMARIACEAE) IN CROATIA

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In this short communication a new locality for the endemic Illyric-Adriatic floral species *Corydalis acaulis* (Wulfen) Pers. on the island of Vela Kluda is reported. A previously known locality (Visiani 1852) of the species in Šibenik is confirmed.

Key words: *Corydalis acaulis* (Wulfen) Pers, new locality, island of Vela Kluda, Croatian flora

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U ovom kratkom priopćenju govori se o novom nalazištu endemične ilirsko-jadranske vrste *Corydalis acaulis* (Wulfen) Pers. na otoku Vela Kluda. Potvrđuje se otprije poznato nalazište vrste (Visiani 1852) u Šibeniku.

Ključne riječi: *Corydalis acaulis* (Wulfen) Pers, novo nalazište, otok Vela Kluda, flora Hrvatske

While working in 1997/1998 on botanical research on the island of Vela Kluda, which is situated in the Drvenik channel between the mainland and the islands of Veli Drvenik and Čiovo, on its rocky peak parts (approx. 40–45 m a.s.l.) we found a population of the endemic Illyrian-Adriatic species *Corydalis acaulis* (Wulfen) Pers.

Data on the localities, area and the origin of the species *Corydalis acaulis* (Wulfen) Pers. are found in papers by TRINAJSTIĆ (1983, 1995) that also contain a map (Fig. 1) of confirmed and unconfirmed localities of this endemic Illyrian-Adriatic plant in the Croatian maritime region.

A gap in the localities of the species in the middle area of the eastern Adriatic Eumediterranean zone, Adriatic province of the Mediterranean region (HORVATIĆ 1963) is noticeable on the map (Fig. 1), except for the unconfirmed locality in Trogir (VISIANI, 1852), which we are not able to substantiate as yet. Localities on the island of Vela Kluda fill the gap in the range of this endemic species.

The population inhabits the rocky peaks of the island, being a part of the *Asplenio – Cotyledonum horizontalis* H-ić 1963 association with species: *Asplenium trichomanes* L., *Cotyledon horizontalis* Guss., *Campanula pyramidalis* L., *Ceterach officinarum* DC., *Geranium purpureum* Vill. and *Ephedra fragilis* Desf. subsp. *campylopoda* (C.A. Meyer) Ascherson et Graebner. The species *Corydalis acaulis* (Wulfen) Pers. was reported as a part of this association on the Kornati islands in a paper by GAŽI-BASKOVA & BEDALOV 1978.

In this paper we also confirm a previously known (VISIANI, 1852), but unsubstantiated locality (Fig. 1) in the city of Šibenik. *Corydalis acaulis* (Wulfen) Pers. grows in cracks in stone walls of the houses in the old part of Šibenik, and we noticed it in Kralj Tomislav street starting from Republika Hrvatska square.

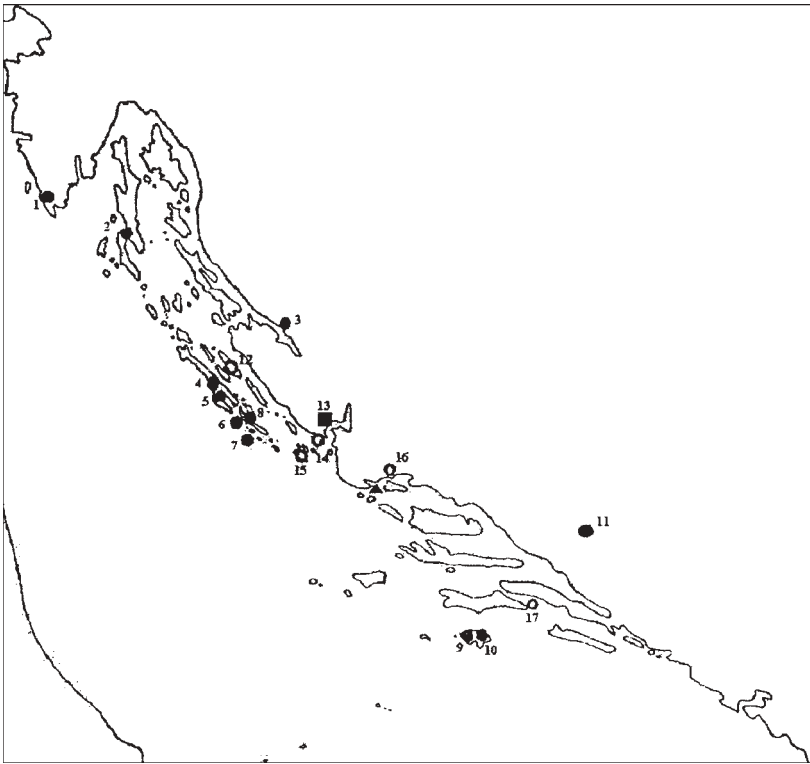


Fig. 1a. Localities of the species *Corydalis acaulis* (Wulfen) Pers.

- according to TRINAJSTIĆ (1983): ● confirmed localities (1. Pula, 2. Osor, 3. Paklenica, 4, 5. Dugi, 6. Borovnik, 7. Obručan, 8. Kornat, 9, 10. Lastovo, 11. Mostar); ○ unconfirmed localities (12. Zadar-Ugljan, 13. Šibenik, 14. Krapanj, 15. Žirje, 16. Trogir, 17. Korčula-Badija)
- in this communication: ■ confirmed locality (Šibenik); ▲ new locality on the island of Vela Kluda



Fig. 1b. New locality on the island of Vela Kluda (▲)

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SAŽETAK**Novo nalazište vrste *Corydalis acaulis* (Wulfen) Pers. (*Fumariaceae*) u Hrvatskoj**

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Pri botaničkom istraživanju (1997/1998) na otoku Vela Kluda, smještenom između otoka Čiova, Velog Drvenika i kopna, naišli smo na novo nalazište vrste *Corydalis acaulis* (Wulfen) Pers. na stjenovitim, vršnim dijelovima otoka. Podatke o nalazištima, arealu i nastanku vrste nalazimo u radovima TRINAJSTIĆA (1983, 1995). Ovo nalazište popunjava prazninu u arealu vrste u srednjem području istočnojadranske eumediteranske zone, jadranske provincije mediteranske regije (prema HORVATIĆU 1963). Potvrđujemo i otprije poznato, ali dosad nepotvrđeno nalazište u gradu Šibeniku (VISIANI, 1852).