

## ANALYSIS OF THE DISTRIBUTION OF HIBRID *Centaurea x sordida* Willd. (ASTERACEAE)

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Some time ago (Zi. Pavletić and I. Trinajstić 1983, Zi. Pavletić 1987) a morphometric analysis of the fruit of the hybrid *Centaurea x sordida* Willd. (*C. fritschii* x *C. rupestris*) from several localities known in Croatia was made. As the results showed the interesting ways of inheritance, since in the analysed populations  $F_1$  and  $F_2$  hybrids have also been discovered, as well as the hybrids of back crossing with parental species. During the field researches a special attention has been paid to the distribution of this hybrid. This taxon, besides on the already published habitats, recently has been discovered on some other localities - on Biokovo, at the foot of Tušnica in Bosnia, Kamenjak near Rijeka, Ćićarija and Brest-region in Istria, between Croatia and Slovenia.

All so far known localities of this hybrid have been discovered on the communication places between the continental and littoral regions where the permanent contact of both parent species exist. It can, therefore, be concluded that the development of the hybrid *C. x sordida* is conditioned in the anthropogenous way, by clearing the forest belt and by establishment of communication routes.

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