

DISTRIBUTION OF THE TAXON *PAPAVER DUBIUM* L. SUBSP. *LECOQUII* (LAMOTTE) SYME VAR. *ALBIFLORUM* BESSER IN CROATIA

JASENKA TOPIĆ

Dept. of Biology Faculty of Education, Univ. Osijek L. Jägera 9, Osijek, Croatia

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The taxon *Papaver dubium* L. subsp. *lecoquii* var. *albiflorum* Besser was not noted in Croatian flora till 1989, when it was found in northeastern Croatia, in the Baranja region. In 1993. specimens of the same taxon were found in eastern Slavonia, near Valpovo. Both findings were on dry, South exposed habitats, within the grassland and ruderal vegetation. Since the taxon is distributed in the nearby territory of Serbia it could be supposed to have spread from there.

Key words: *Papaver dubium* L. subsp. *lecoquii* (Lamotte) Syme var. *albiflorum* Besser, distribution, Croatia

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Svojta *Papaver dubium* L. subsp. *lecoquii* var. *albiflorum* Besser nije zabilježena za područje Hrvatske do 1989. kada je pronađena u Baranji, sjeveroistočna Hrvatska. Nakon toga ista svojta pronađena je 1993. u istočnoj Slavoniji, blizu Valpova. Oba nalaza su na suhom, jugu izloženom obronku unutar travnjačke vegetacije. Budući da je ona rasprostranjena u Srbiji za pretpostaviti je da se odatle proširila u Baranju, pa će biti zanimljivo pratiti njeno daljnje širenje prema zapadu.

Ključne riječi: *Papaver dubium* L. subsp. *lecoquii* (Lamotte) Syme var. *albiflorum* Besser, rasprostranjenost, Hrvatska

The taxon *Papaver dubium* L. subsp. *lecoquii* (Lamotte) Syme var. *albiflorum* is distributed over West, Middle and South Europe (TUTIN et al. 1993).

It was not noted in Croatia (TRINAJSTIĆ 1973) until 1989, when PANJKOVIĆ (1989) found it on dry, South exposed grassland near the village of Zmajevac in the Baranja region, UTM quadrant CR 37, and determined it as *Papaver albiflorum* (Bess.) Pacz.

In 1993, the same taxon was found in eastern Slavonia (UTM quadrant BR 96), on a southeast exposed slope along the road Valpovo-D. Miholjac. There, the plant sporadically formed dense patches within the ruderal vegetation, in addition to the species *Rubus*

caesius, *Papaver rhoeas*, *Arrhenatherum elatius*, *Agropyron repens*, *Artemisia vulgaris*, *Euphorbia esula*, *Holcus lanatus* etc.

The plants from eastern Croatia coincide with the diagnosis of the taxon in the revised review of the genus *Papaver* by KADEREIT (TUTIN et al. 1993). The specimens are 40-60 cm high, with upper leaves shortly petiolate and their lobes narrower than 1.5mm. Petals are white, with basal black spot. Filaments are dark violet, anthers yellow. Capsule is 2-4 times as long as wide, clavate (**Fig 1**).



Fig. 1. *Papaver dubium* L. subsp. *lecoquii* (Lamotte) Syme var. *albiflorum* Besser, 1:1, (Photo J. Topić)

It is difficult to draw conclusions about the wider distribution of the taxon because of the different diagnoses in different Floras, so for some literature data it is not possible to establish exactly what taxon is in question. So in TRINAJSTIĆ (1973) the diagnosis does not suit well to either *Papaver lecoquii* Lamotte or to *Papaver dubium* L. var. *albiflorum* Elkan (differences in capsule shape, latex, anther colour), or the diagnosis is not very detailed (PIGNATTI 1982, JORDANOV 1970).



Fig. 2. Localities of the taxon *Papaver dubium* L. subsp. *lecoquii* (Lamotte) Syme var. *albiflorum* Besser in Croatia

So far, this taxon has been noted in Croatia only for the area of East Croatia (Fig 2), supposedly spreading from nearby Serbia where it is widespread, according to JOSIFOVIĆ (1970-1977). It would be of particular interest to determine its possible spreading or remaining in this, phytogeographically transitional belt, where the zones of the alliances *Carpinion betuli illyricum* and *Aceri tatarici-Quercion* (HORVAT, GLAVAČ, ELLENBERG, 1974) overlap. This overlapping is not characteristic only for this, climazonal vegetation, but reflects on grassland, ruderal and segetal vegetation also.

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SAŽETAK

Rasprostranjenost svojte *Papaver dubium* L. subsp. *lecoquii* (Lamotte) Syme var. *albiflorum* Besser u Hrvatskoj

J. Topić

Svojta *Papaver dubium* L. subsp. *lecoquii* (Lamotte) Syme var. *albiflorum* Besser rasprostranjena je u Zapadnoj, Srednjoj i Istočnoj Europi (TUTIN et al. 1993). Za područje Hrvatske nije zabilježena (TRINAJSTIĆ 1973) do 1989, kada je PANJKOVIĆ (1989) nalazi kod sela Zmajevac, u Baranji, na suhom, strmom, jugu izloženom obronku, unutar travnjačke vegetacije. Nakon toga nađena je 1993. na jugozapadu izloženom nasipu uz cestu Valpovo-D. Miholjac. To su zasad jedina nalazišta ove svojte u Hrvatskoj. Budući da je ona rasprostranjena u Srbiji, može se pretpostaviti da se odatle proširila u Baranju i istočnu Slavoniju. Bit će zanimljivo pratiti njeno eventualno širenje prema zapadu, ili pak ostajanje na tom, fitogeografski značajnom raskrižju, na granici sveza *Carpinion betuli illyricum* i *Aceri tatarici-Quercion*.