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New data to the distribution of *Scabiosa hymettia* Boiss. et Spruner

Abstract

Boratyński A., Zieliński J., 1989. New data to the distribution of *Scabiosa hymettia* Boiss. et Spruner. Arbor. Kórnickie 34: 65-69.

Authors give informations on two new, geographically important stands of the rare, Greek endemic species *Scabiosa hymettia* Boiss et Spruner.

Additional key words: taxonomy, chorology.

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Scabiosa hymettia is a low dense, caespitose subshrub with spatulate, partly divided 3-5(-9) – fide leaves and blue flowers compound in large, long-stalked heads.

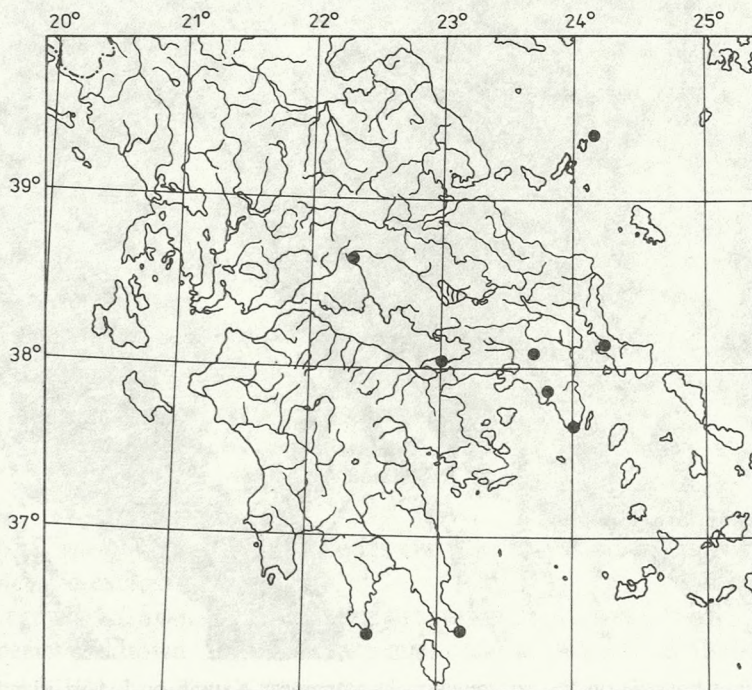


Fig. 1. Distribution of *Scabiosa hymettia*

It is closely related to such species as *S. cretica* L., *S. minoana* (P. H. Davis) Greuter, *S. variifolia* Boiss. and *S. albocincta* Greuter. All these species, morphologically very alike are usually discussed as the *S. cretica* group. In literature there are considerable contradictions as regards their taxonomy (Rechinger 1943, Davis 1953). Recent investigations of Greuter (1967)



Fig. 2. *Scabiosa hymettia* on the calcareous rocky slope near Kapsali on Evvoia island (Phot. A. Boratyński)

show, however, that the taxa of *S. cretica* group are morphologically rather stable and geographically completely isolated, thus they merit to be treated as independent species.

Except *S. cretica*, which in spite of its specific name occurs outside the frontier of Greece (from Sicily to Balearic Islands) the latter species are endemic to

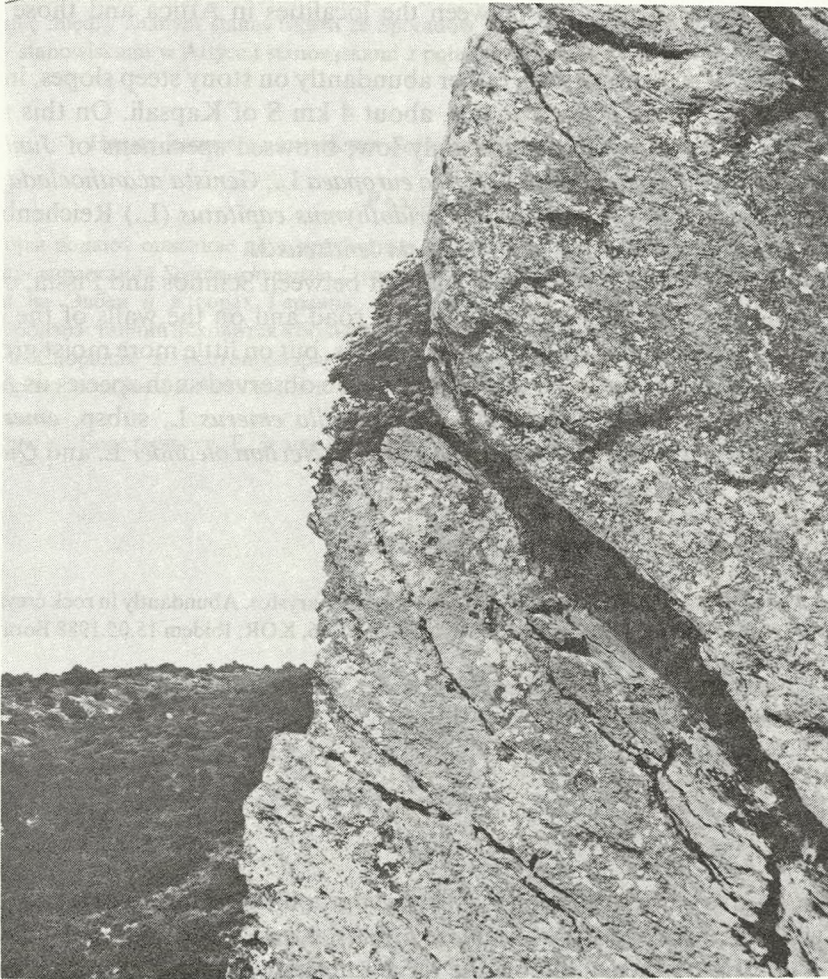


Fig. 3. *Scabiosa hymettia* in the crevice of the calcareous rock near Kapsali on Evvoia island (Phot. A. Boratyński)

Greece: *S. variifolia* occurs on Rhodes and Karpathos islands, *S. minoana* and *S. albocincta* exclusively on Crete.

The range of *S. hymettia* is restricted to southeastern coastal regions of Greece. The species is known only from infrequent localities, most of them are to be found in Attica. *S. hymettia* grows also on the Sporades (Ioura island) and along the southeastern coasts of Peloponnesus (fig. 1). Most informations on the

occurrence of *S. hymettia* come from the XIX century, thus probably many of them are now only of historical value.

In 1986 and 1988 we found two new localities of *S. hymettia*, one of them on the Evvoia island and the other in the Gerania Mts. NE of Korinthos. Both stands are interesting from the geographical point of view, the former falls on a large gap between the localities on Ioura island (Sporades) and those from Attica, the latter on the gap between the localities in Attica and those from southern Peloponnesus (fig. 1).

On Evvoia *S. hymettia* grows rather abundantly on stony steep slopes, in rock ledges and in crevices (figs. 2 and 3), about 4 km S of Kapsali. On this slope, intensively pastured, one can find only low, browsed specimens of *Juniperus phoenicea* L., *Phillyrea latifolia* L., *Olea europaea* L., *Genista acanthoclada* DC., *Rhamnus prunifolius* Sibth. et Sm., *Coridothymus capitatus* (L.) Reichenb. fil., *Hypericum empetrifolium* L., and *Pistacia lentiscus* L.

In the masiff of Gerania we have found it between Schinos and Pissia, on the precipitous limestone slopes just above the road and on the walls of the small gorge. It grows there also on open, sunny places, but on little more moist ground. In the nearest neighbourhood of *S. hymettia* we observed such species as *Salvia triloba* L. fil., *Anthyllis hermanniae* L., *Coronilla emerus* L. subsp. *emeroides* (Boiss. et Spruner) Hayek, *Phillyrea latifolia* L., *Nerium oleander* L. and *Quercus coccifera* L.

LOCALITIES

Evvoia: 4 km S of Kapsali. Rocky slope below the road to Karystos. Abundantly in rock crevices, ca 400 m. 23.08.1986 Awzan, Boratyński, Browicz, Zieliński 276, KOR; Ibidem 15.05.1988 Boratyński, Browicz, Tomlik, Zieliński 575, KOR.

Attica: Gerania Mts., slopes of the rocky valley between Schinos and Pissia 17.05.1988, Boratyński, Browicz, Tomlik, Zieliński 592 and 597, KOR.

SUMMARY

Authors give informations on two new, geographically important stands of the rare, endemic Greek species – *Scabiosa hymettia*: on Evvoia and in the Gerania Mts. The first of them falls on the large gap between known stands on the Sporades and the stands in Attica, the second on the gap between locality in Attica and stand from Peloponnesus (fig. 1).

LITERATURE

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Nowe dane do rozmieszczenia *Scabiosa hymettia* Boiss. et Spruner

STRESZCZENIE

Autorzy podają opisy dwóch nowych interesujących z geograficznego punktu widzenia stanowisk *Scabiosa hymettia*. Ten niezwykle rzadki, endemiczny dla Grecji gatunek znaleziony został na Eubei oraz w górach Gerania, na północny wschód od Koryntu. Pierwsze z tych stanowisk przypada na dużą lukę między znanym stanowiskiem ze Sporadów a stanowiskami w Attyce, drugie na lukę między stanowiskami w Attyce i stanowiskami z południowego Peloponezu.

Новые данные о размещении *Scabiosa hymettia* Boiss. et Spruner*

Резюме

Авторы подают описание двух интересных с точки зрения географического размещения местопроизрастаний *Scabiosa hymettia*. Этот необычайно редкий эндемичный для Греции вид найден на Эвбеи и в горах Герания, на северо-восток от Коринфа. Первое из этих местопроизрастаний находится в большом промежутке между известным местопроизрастанием в Спорадах и местопроизрастанием в Аттике, другое – в промежутке между местопроизрастанием в Аттике и в южном Пелопоннесе.

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