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**Autor:** Gemici, Yusuf / Leblebici, Erkuter  
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# A new species of *Echinops* (Asteraceae) from South Anatolia (Turkey)

YUSUF GEMICI  
&  
ERKUTER LEBLEBICI

## RÉSUMÉ

GEMICI, Y. & L. LEBLEBICI (1992). Une nouvelle espèce d'*Echinops* (Asteraceae) d'Anatolie méridionale (Turquie). *Candollea* 47: 597-599. En anglais, résumés français et anglais.

Description d'une espèce nouvelle du genre *Echinops* L.: *Echinops mersinensis* d'Anatolie méridionale (Turquie).

## ABSTRACT

GEMICI, Y. & L. LEBLEBICI (1992). A new species of *Echinops* (Asteraceae) from South Anatolia (Turkey). *Candollea* 47: 597-599. In English, French and English abstracts.

*Echinops mersinensis* is illustrated and described from South Anatolia (Turkey).

*Echinops* L. genus is presented by 16 species in Turkey (DAVIS, 1975). Out of these 7 are endemics. All these endemic species show a local distribution and 5 exist in South and South-East Anatolia. The species described in this paper too has been collected from South Anatolia. The distribution of the genus in Turkey shows that species are concentrated in North, Central and East Anatolia. As such South and South-East Anatolia constitute the southern borders of the distribution of genus in Turkey. This condition seems to increase speciation in the said area.

***Echinops mersinensis* Gemici & Leblebici, spec. nov.** (Fig. 1).

*Section: Echinops*

**Type:** C5 Mersin (İçel): 20 km N of Tarsus, Sarıkavak village, roadsides, rocky slope, ca. 1000 m, 11.7.1988, *Gemici 3536*, Leblebici (Holo. and Iso. EGE). C5 Mersin (İçel): Tarsus, Kadıncık II barajı, roadsides, ca. 300 m, 15.6.1989, *Gemici 6434*, at all.

Affinis *E. onopordum* P. H. Davis, sed caulis dense glandulosus; folia coriacea, superne dense glandulosa-viscida.

Stem erect, up to 100 cm, sturdy, branched above, ridged-striate, densely glandular with sparsely lanata indumentum. Leaves coriaceous, oblong-elliptic in outline, above densely glandular-viscida, densely lanata below. Basal leaves sessile up to 64 × 21 cm with 6-7 pairs of short broad triangular lobes with sturdy spines up to 2 cm; caule sessile ± amplexicaule. Heads ca. 6 cm diam. white, with short peduncles. Capitulum ca. 20 mm long, pentagone, brush shorter than the outer phyllaries, 8-10 mm long. Phyllaries 26-30, glabrous; outer 10-11 mm; median 12-18 mm; innermost

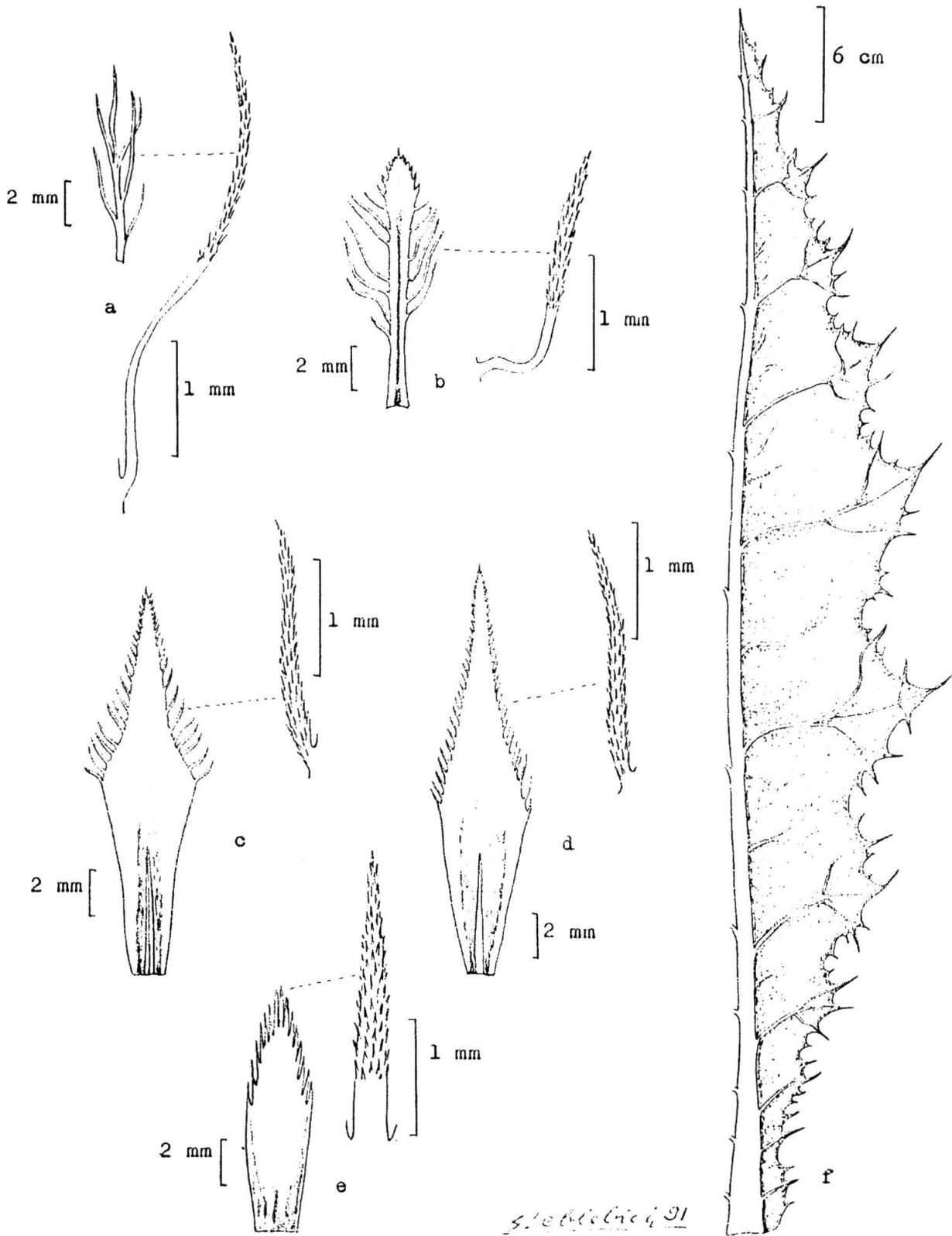


Fig. 1. — *Echinops mersinensis* Gemici & Leblebici.  
a, setae of brush; b, outer phyllary; c-d, median phyllaries; e, innermost phyllary; f, leaf.

free or slightly connata at base, ca. 10 mm. Corolla white, glabrous, tube ca. 6 mm long. Anther ca. 9 mm long. Stylus ca. 5 mm long at the base of stigma with a ring hairs. Pappus ca. 1.8 mm long, bristles connate in basal half. Achenes immature.

It can be distinguished from *Echinops onopordum* by its densely glandular hairs on stem and coriaceous leaves with dense glandular-viscos hairs on upper surface. The differences from *Echinops pannosum* are that plant has glandular indumentum, leaf lobes are small and widely triangular and head is small.

#### REFERENCE

DAVIS, P. H. (1975). *Flora of Turkey and the East Aegean Islands*. Vol. 5. Univ. Press, Edinburgh.

