

## *Tripleurospermum anchialense*, a new species of the genus *Tripleurospermum*

*Tripleurospermum anchialense*, nový druh rodu *Tripleurospermum*

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A new species *Tripleurospermum anchialense* M. KRÁL is described from Bulgaria. From the related *T. tenuifolium* (KIT.) NEILR. it differs in having achenes with well developed truncate coroniform pappus and two well developed subapical resin-glands.

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### *Tripleurospermum anchialense* M. KRÁL, sp. nova

Herba ut videtur perennis. Caudex sublignosus, mono- vel pluricephalus, in plantis vetustioribus usque 6 mm crassus. Plantae iuniores (nondum florentes) rosulam foliorum basalium formantes; folia rosularum ambitu elliptica vel ovata, tripinnatisecta, usque 3–3.5 cm longa et 0.8–1.4 cm lata, pilis  $\pm$  patentibus perspersis tecta vel subglabra, petiolata, segmentis ultimis linearibus, ca. 0.3–0.4 mm latis, apice breviter mucronatis. Caules floriferi erecti vel basi parum ascendentes, 6–22 cm alti, sparse ramosi, glabri vel in parte suprema sparse pilosi. Folia caulina alterna, basalibus similia sed sessilia (segmentis basalibus approximatis auriculas formantibus), maxima usque 2.5 cm longa sed saepe minora, superiora sensim minora et simpliciora. Anthodia apice caulis et ramorum solitaria, diametro 1.5–2 cm; involucri phylla imbricata, oblongo-triangularia, viridula, subadpresse pilosa, exteriora ca. 3 mm longa, subobtusata, plerumque linea mediana viridi percursa, interiora usque 4 mm longa, apice rotundata, margine scarioso glabro cincta; thalamus semiglobosus. Ligulae 5–7 mm longae, ca. 2 mm latae, albae; corollae florum disci ca. 1.5 mm longae, luteae, limbo 5lobo. Achaenia matura subrectangularia, basi leviter rotundata, sectione transversa  $\pm$  quadrangula, concoloria, tota albida (in achaeniis abortivis tantum spatia intercostalia subfusca), ca. 1.8 mm longa, ca. 0.8–0.9 mm lata, tricostata (costis in marginibus et facie adaxiali sitis, laevibus, distantibus, marginalibus apicem et basin versus latioribus), facie abaxiali convexa et interdum costula mediana incompleta tenuissima percursa, sublaevi, subtiliter longitudinaliter striolata, spatiis intercostalibus adaxialibus quam costae latioribus, sublaevibus, subtiliter areolatis (areolis  $\pm$  isodiametricis), facie abaxiali sub apice glandulis 2 bene evolutis orbicularibus subfuscis praedita; pappus coronula bene evoluta brevissima truncata formatus.

Typus: Bulgaria orient., distr Burgas; incultis salsis locis prope lacum Pomorijsko ezero apud opp. Pomorie (olim Anchialo); solo salso, disperse. Leg. M. KRÁL 4975, 17. 8. 1986, PRC.

A *T. perforato* (MÉRAT) WAGENITZ et *T. maritimo* (L.) W. D. J. KOCH achaeniis concoloribus, facie abaxiali et spatiis intercostalibus adaxialibus albidis sublaevibus nec nigris nec transverse rugosis, a *T. tenuifolio* (KIT.) NEILR. achaeniis pappo coroniformi truncato evoluta, glandulis subapicalibus 2 bene evolutis et spatiis intercostalibus adaxialibus latioribus, a *T. disciformi* (C. A. MEY.) SCHULTZ BIP. ligulis et pappo coroniformi bene evolutis, a *T. sevaniensi* (MAND.) POBED. pappo truncato non lobato, achaeniis tantum bis (non ter) longioribus quam latioribus differt.

The generic name *Tripleurospermum* SCHULTZ BIP. has been used here in accordance with WAGENITZ (1987).

This new species belongs to the section *Leiospermum* SCHULTZ BIP. However, it seems reasonable to leave in this section only species with pale, smooth (not brown to black, rugose) achenes (without respect to the presence or absence of ligules and pappus) and to exclude *T. decipiens* (FISCH. et MEY.) BORNM. Therefore the definition of this section given in the Flora SSSR requires some emendation:

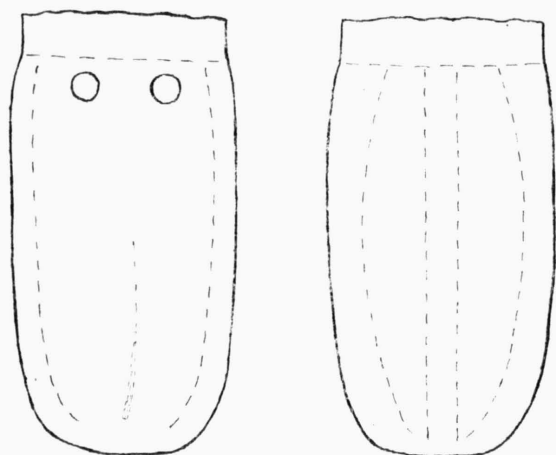


Fig. 1. — *Tripleurospermum anchialense* M. KRÁL: achene — abaxial and adaxial view (compare figs. of *Tripleurospermum* achenes in WAGENITZ 1987).

*Tripleurospermum* SCHULTZ BIP. sect. *Leiospermum* SCHULTZ BIP. Ueb. Tanacet. 33. 1844) descr. emend. M. KRÁL hoc loco. Achaenia facie abaxiali et spatiis intercostalibus adaxialibus; pallida, laevia vel sublaevia, non transverse rugosa. Pappus deficiens vel coroniformis. Ligulas deficientes usque bene evolutae. Annuae usque perennes. Typus: *T. disciformis* (C. A. MEYE SCHULTZ BIP.

*T. anchialense* grows in rather dry saline habitats together with *Artemisia santonicum* L. subsp. *santonicum*.

SOUHRN

Z Bulharska je popsán nový druh *Tripleurospermum anchialense* M. KRÁL. Od příbuzného druhu *T. tenuifolium* (KIT.) NEELR. se liší naškami s vyvinutým chmýřem v podobě utatého lemu a 2 dobře vyvinutými subapikálními pryskyřičnými žlázkami.

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