

Some new taxa, records and taxonomic treatments from Turkey

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Abstract

Some new taxa (1 section, 24 species, 2 subspecies, 3 varieties) are described; 2 new records for Turkish flora (1 genus and 1 species) are reported; 1 presence in flora of Turkey (1 species) and 2 taxonomic treatments (1 combination and status nova, 1 reinstatement and emendation) are made from Turkey as belong to the following families *Apiaceae* 5 new species (*Leiotulus nydeggeri*, *Peucedanum kittaniae*, *Pimpinella tunceliana*, *Smyrniopsis munzurdaghensis*, *Trigonosciadium undulatum*); *Aristolochiaceae* 1 new species (*Aristolochia zonguldakense*); *Asteraceae* 3 new species (*Lactuca kemaliya*, *Senecio munzurdaglarensis*, *Tripleurospermum griersonii*, 1 new subspecies (*Pseudognaphalium luteoalbum* subsp. *turcicum*), 1 new variety (*Lapsana communis* subsp. *intermedia* var. *aurantia*),

1 new genus record for Turkish flora (*Crassocephalum crepidioides*); *Boraginaceae* 1 new species (*Anchusa konyaense*), 1 new variety (*Anchusa konyaense* var. *selcukense*); *Brassicaceae* 2 new species (*Brassica beytepeense*, *Rorippa edirnense*); *Campanulaceae* 1 new species (*Campanula ovacikensis*), 1 combination and status nova (*Campanula ovacikensis* subsp. *capitellata*); *Chenopodiaceae* 1 new species (*Salsola turcica*), 1 new species record for Turkish flora (*Noaea major*); *Cucurbitaceae* 1 new species (*Bryonia flexuosa*); *Elaeagnaceae* 1 new variety (*Elaeagnus angustifolia* L. var. *turcicus*); *Fabaceae* 1 new species (*Astragalus munzurensis*); *Hypericaceae* 1 new section (Section *Bolkaricum*), 1 new species (*Hypericum musadoganii*); *Lamiaceae* 1 new species (*Stachys namazdaghensis*), 1 presence in flora of Turkey (*Stachys inflata*); *Linaceae* 1 reinstatement and emendation (*Linum verruciferum*); *Rosaceae* 1 new species (*Alchemilla hamzaoglu*); *Rubiaceae* 4 new species (*Galium cankiriensis*, *Galium babadaghensis*, *Galium nigdeensis*, *Galium tuncelianum*), 1 new subspecies (*Galium canum* subsp. *ulukislaensis*); *Liliaceae/Hyacinthaceae* 1 new species (*Muscari sirnakense*).

Key Words: New taxa, new records, new combination and status, presence, reinstatement and emendation, Turkey

Türkiye'den bazı yeni üyeler, kayıtlar ve üyesel işlemler

Özet

Türkiye'den bazı yeni üyeler (1 seksiyon, 24 tür, 2 alttür, 3 varyete) betimlenmiş; Türkiye fulorası için yeni 2 kayıt (1 cins ve 1 tür) rapor edilmiş; Türkiye fulorasındaki 1 türün varlığının ortaya

Lactuca kemaliya Yıldırımli, **sp. nov.**, figs. 27-30.

Affinis *Lactuca serriola* L. sed planta annua (non bienni); phyllariis 4-5-seriatis (non 3-seriatis); floribus cyaneis (non luteis), glabris (non dense pilosis); pappis 4 mm (non 4.5-6 mm) et *L. saligna* L. sed inflorescentia paniculiformi (non spiciformi); phyllariis 16-18, 4-5-seriatis (non 10, 3-seriatis); floribus cyaneis (non flavidis), glabris (non subtiliter pilosis fere orificiis) differt.

Annual herb. Stem 70-75 cm, simple, erect, glabrous rarely spinulose in upper part, terete, whitish, striate. Leaves 8-10 x 2-3 cm, runcinate-pinnatilobed, glabrous, auriculate, margin unequal spinulose rarely in upper part. Inflorescence divaricately branched, cylindrical, paniculiform, many-capitulate; capitula except terminal ± sessile, solitary or in small clusters. Bracts and pedicels glabrous. Capitula homogamous, ligulate, many-flowered. Receptacle naked. Involucre 8-13 x 3-4 mm, cylindrical, longer in fruit than in flower; phyllaries 16-18, 4-5-seriate, glabrous-papillose, apex purple-tinged; outer ones 2 mm; inner ones 6 mm and apex glandular hairy; calyculate ones auriculate, 2-3 mm including 0.5-1 mm obtuse auriculate, alveolate. Flowers blue, glabrous. Achenes 8-9 mm including 5 mm, slender beaked; homomorphic, compressed, pale brown, 15-ribbed, glabrous only apex antrorsely white hairy. Pappus 4 mm, white, numerous, slender, equal, capillaceous, smooth hairs. *Fl. 8. Gardens, c. 1400 m.*

Type. Turkey. B7 ERZİNCAN: Kemaliye, Başpınar, Armağan köyü, Munzur dağları, harla (bahçe) araları, 1400 m, 21.08.1980, Ş. Yıldırımli 3958 (holo. Yıldırımli Otluk'u; iso. HUB, photo).

Endemic. Anatolia-Turanian element.

Close to *Lactuca serriola* L. but annual (not biennial); phyllaries 4-5-seriate (not 3-seriate); flowers blue (not yellow), glabrous (not densely hairy); pappus 4 mm (not 4.5-6 mm) and *L. saligna* L. but inflorescence paniculiform (not spiciform); phyllaries 16-18, 4-5-seriate (not c. 10, 3-seriate); flowers blue, glabrous (not pale yellow, finely hairy about mouth).

IUCN Red List Category must be considered as near threatened (NT) for this new species.

Etymology. The specific epithet refers to Kemaliye (Eğin), where is one of the districts of Erzincan province, East Turkey.



Figure 27. *Lactuca kemaliya*, habitus, Ş. Yıldırımli 3958 (photo no. 5367)



Figure 28. *Lactuca kemaliya*, inflorescence, Ş. Yıldırımli 3958 (photo no. 5369)



Figure 29. *Lactuca kemaliya*, inflorescence, Ş. Yıldırımli 3958 (photo no. 5372)



Figure 30. *Lactuca kemaliya*, flowers, Ş. Yıldırımli 3958 (photo no. 5370)