

## A new subspecies record for the flora of Turkey: *Artemisia santonicum* L. subsp. *patens* (Neilr.) K.M.Perss. (Asteraceae)

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*Artemisia santonicum* L. subsp. *patens* (Neilr.) K.M.Perss., Opera Bot. 35: 162 (1974). Syn: *Artemisia maritima* L. var. *patens* Neilr.; *Artemisia salina* Willd. subsp. *patens* (Neilr.) Sagorski. Type: Described from Europe.

*Artemisia santonicum* subsp. *patens* (Asteraceae) was recently collected from Edirne and Çanakkale (north-west Turkey) and it has been reported as a new subspecies record for the flora of Turkey (Cullen, 1975; Tutin & Persson, 1976). Recently, new taxa and new records of publications have increased with the increasing revision studies (Akçiçek, 2010; Aytaç & Duman, 2010; Dirmenci et al., 2010).

*A. santonicum* subsp. *santonicum* is generally distributed in the Central Anatolia region, at an altitude between 938 and 1000 m in Turkey. The habitat of the plant is calcareous and saline steppes and slopes. However, *A. santonicum* subsp. *patens* is distributed at an altitude between 4 and 5 m, generally in coastal areas in the Marmara and Aegean regions. The plant (subsp. *patens*) grows in moist (temporarily covered with water) areas (Cullen 1975; Tutin & Persson, 1976). *A. santonicum* subsp. *santonicum* spreads in eastern Austria, western Kazakhstan, north-east Greece, the Czech Republic, and Slovakia. However, *A. santonicum* subsp. *patens* spreads in eastern Austria to western Romania (Tutin & Persson, 1976). The separation of the 2 subspecies belonging to *A. santonicum* is given below.

1. Branches of synflorescence generally spread or close to main axis; capitula usually erect, very rarely nodding, flowers usually yellow, partially red at maturity subsp. **santonicum**
1. Branches of synflorescence generally horizontal; capitula usually nodding, flowers usually red, very rarely partially yellow subsp. **patens**

### References

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**Specimens examined:** –*A. santonicum* subsp. *santonicum*: B4 Ankara: Şereflikoçhisar-Ankara highway, after 6 km Şereflikoçhisar, fields and roadsides, 938 m, 07.vii.2007, 38°58'704"N, 33°29'579"E, M.Kurşat 1010 (FUH); –*A. santonicum* subsp. *patens*: A1 Edirne: Enez, Meriç delta, 5 m, 09.ix.2007, 45°43'512"N, 26°04'394"E, Ş.Civelek, İ.Türkoğlu & M.Kurşat 1026 (FUH); Çanakkale: Çanakkale-Keşan highway, old İstanbul road, Kavak delta, 4 m, 25.x.2007, 40°37'555"N, 26°50'838"E, Ş.Civelek & M.Kurşat 1100 (FUH) (Figure).



Figure. The aspect in nature of *A. santonicum* subsp. *patens*.

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