

Reassessment of *Satureja edmondii* Briq.,
a replacement name for *S. longiflora* Boiss. & Hausskn.
(Lamiaceae, Nepetoideae, Mentheae).

Firouzeh BORDBAR & Mansour MIRTADZADINI

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Reassessment of *Satureja edmondii* Briq., a replacement name for *S. longiflora* Boiss. & Hausskn. (Lamiaceae, Nepetoideae, Mentheae)

Firouzeh BORDBAR
Mansour MIRTADZADINI

Department of Biology, Faculty of Science,
Shahid Bahonar University of Kerman, Kerman (Iran)
bordbar@uk.ac.ir, fbordbar2000@yahoo.com (corresponding author)
mirtadz@uk.ac.ir

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KEY WORDS

Iran,
Labiatae,
later homonym,
replacement name.

ABSTRACT

A previous paper revising the genus *Satureja* L. for the flora of Iran should be corrected. In this paper, the later homonym *S. longiflora* Boiss. & Hausskn. was mistakenly accepted. This species must be accepted under its replacement name *S. edmondii*. An updated version of this article is provided here.

RÉSUMÉ

Rétablissement de Satureja edmondii Briq., nom prioritaire sur *S. longiflora* Boiss. & Hausskn. (Lamiaceae, Nepetoideae, Mentheae).

MOTS CLÉS
Iran,
Labiatae,
homonyme ultérieur,
nom de remplacement .

En conformité avec le Code de Nomenclature botanique, une révision récemment publiée sur le genre *Satureja* L. en Iran doit être corrigée, le nom *S. edmondii* Briq. étant prioritaire sur *S. longiflora* Boiss. & Hausskn. Une nouvelle version du texte est donc fournie.

In our recent taxonomic revision of the Iranian species of the genus *Satureja* L., published in *Adansonia* 46 (7) (Bordbar & Mirtadzadini 2024), *S. longiflora* Boiss. & Hausskn. was mistakenly accepted. The latter name published in 1879 is an illegitimate later homonym of *S. longiflora* C. Presl (1826) under the International Code of Nomenclature (Turland et al. 2018: Art. 53.1). This species should therefore be accepted under its replacement name *S. edmondii* Briq.

REVISED SECTIONS OF THE ARTICLE
ADANSONIA 46 (7): 45-63.

p. 47, Identification key should be modified as below;
p. 51, Legend of Fig. 1 should be modified as below;
p. 55, The paragraph about the former "*S. longiflora*" should be modified as below.

KEY TO THE SPECIES OF *SATUREJA* L. FROM FLORA OF IRAN

7. Lower leaves often broad, calyx teeth straight *S. edmondii* Briq.
— Lower leaves not broad, calyx teeth recurved *S. macrantha* C.A.Mey.

FIG. 1. — Habit and close-up of inflorescence of *Satureja* L. species from flora of Iran: A, B, *S. avromanica* Maroofi (Mirtadzadini 3029); C, D, *S. bachtiarica* Bunge (Mirtadzadini & Bordbar 4151); E, *S. bachtiarica* (Bordbar 1995); F, *S. bachtiarica* (Bordbar 1944); G, *S. edmondii* Boiss. & Hausskn. (Mirtadzadini 2031); H, *S. edmondii* (Bordbar 2032); I, *S. edmondii* (Advay 4155); J, *S. edmondii* (Mirtadzadini & Bordbar 4153); K, *S. intermedia* (Mirtadzadini 1980); L, M, *S. isophylla* Rech.f. (Mirtadzadini 1978).

Satureja edmondii Briq. [nom nov.]
(Bordbar & Mirtadzadini 2024: fig. 1G-J)

In *Annuaire du Conservatoire et du Jardin botaniques de Genève* 2: 186 (Briquet 1898).

Satureja longiflora Boiss. & Hausskn., in *Flora Orientalis* 4: 566 (Boissier 1879), non Presl (1826). — Type: Iran • In rup. in Parrow supra Kermanshah; alt. 1525 m; 06.IX.1867; *Haussknecht* 760a; holo-, G-BOIS [4-part specimen: G00786053 image!]; iso-, JE[JE00013735 image!], JE00013736 image!], K[K000193595 image!], W[W0031746 image!]) (typified by Rechinger 1982).

Satureja boissieri Briq., in *Die Natürlichen Pflanzenfamilien* 4, 3a: 298 (Briquet 1895-1897) non Hausskn. ex Boiss. (Boissier 1879).

PHENOLOGY. — Flowering September to October, fruiting November.

DISTRIBUTION AND ECOLOGY. — Endemic species to W of Iran, Kermanshah Prov. (Mt. Parrow) and Kordestan Prov. (Mt. Shahu) (Bordbar & Mirtadzadini 2024: fig. 5D). Rock crevices, dry limestone slopes.

SPECIMENS EXAMINED. — Iran • W Iran, Kermanshah Prov., 5 km from Bisoton toward Sonqor, Mt. Parow, Nojubaran defile; 34°26'20.4"N, 47°24'14"E; alt. 1376 m; 04.XI.2016; *Bordbar* 2032 (MIR) • *Ibid.*; 12.XII.2019; *Mirtadzadini, Bordbar & Doostmo-hammadi* 3800 (MIR) • Mt. Parow, 25 km NW of Kermanshah, E of Mahmoudabad (Maimunabad); 34°35'9.5"N, 46°59'40.8"E; alt. 1660 m; 21.IX.2022; *Mirtadzadini & Bordbar* 4153 (MIR) • Bisoton to Sonqor; 20.VIII.2007; *Mirtadzadini* 2030 (MIR) • *Ibid.*; 34°31'57.3"N, 47°22'28.4"E; alt. 1350 m; 15.X.2019; *Mirtadzadini* 2031 (MIR) • 12 km from Bisoton to Sahneh; 34°27'36.7"N, 47°33'3.5"E; alt. 1450 m; 22.IX.2022; *Mirtadzadini & Bordbar* 4154 (MIR) • Kordestan Prov., Hawraman (Auroman) region, Speriz village, North slopes of Mt. Shahu; alt. 1300 m; 30.X.2021; *Advay* 4155 (MIR).

DESCRIPTION

Aromatic perennial, 20-50 cm high. Stems erect-procumbent, covered with short white spreading glandular and eglandular hairs, length of lower internodes 15-20 mm, length of inflorescence internodes 3-10 mm. Leaves sessile, lower leaves elongated elliptic or obovate, sometimes oblong-oblancoolate, upper leaves oblong, elliptic or elongated obovate, rarely elongated ovate, conduplicate, covered

with short white glandular and eglandular hairs and sessile glands, lower leaves 10-25 × 2-7 mm, attenuate at base, apex rotundate, rarely acute. Verticillasters distant or approximate, 1-6 flowers in verticillasters, flowers sessile or with a short pedicel up to 2 mm. Calyx green, tubular, covered with short spreading glandular and eglandular hairs and sessile glands on the outside, 4-7(-8-9) mm, calyx teeth straight, triangular or triangular-lanceolate, inferior teeth 1.5-3 mm, superior teeth 0.7-2.5 mm. Corolla blade violet, tube white, 10-18 mm long. Stamens slightly exerted from the corolla tube. Style slightly shorter than or as long as posterior stamens, rarely longer. Nutlets elliptic, c. 1.5-1.8 mm long, 0.6-0.8 mm wide, brown to dark brown.

REMARKS

The replacement name *Satureja edmondii* was proposed by Briquet (1898) for the name *S. longiflora* Boiss. & Hausskn., a later homonym of *S. longiflora* C. Presl (Presl 1826). The latter name is now regarded as synonym of *Micromeria graeca* Benth. (Nyman 1878-1881). Rechinger (1982: 500-501) correctly accepted this species under the name *Satureja edmondii*.

S. edmondii is morphologically closer to *S. macrantha*. The two species indicate a variation in the state of verticillasters which are distant or approximate. In *S. edmondii* both forms of verticillasters are observed among the individuals of accession *Bordbar* 2032 (MIR). They have tubular calyces, corollas with elongated white tube and violet blade. However, they are separated in the shape of lower leaves and the state of calyx teeth. In *S. edmondii*, the lower leaves are often elongated elliptic or obovate while they are linear to oblong-oblancoolate in *S. macrantha*. The calyx teeth are often straight in *S. edmondii* but mostly recurved in *S. macrantha*.

S. edmondii has been reported from Lorestan and Bakhtiari Provinces of Iran by Jamzad (2012). By the exploration of the specimens in the reported localities in Lorestan and Bakhtiari Provinces, we found only *S. macrosiphonia* and *S. bachtiarica*, respectively. We conclude that there might be a mistake in their identification.

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