

Another new *Dionysia* (Primulaceae) from the Bakhtiari Mts. of Iran

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Abstract

Dionysia iranshahrii sp. nov. of sect. *Dionysia* subsect. *Bryomorphae* is described. A conspectus of the 41 known species of the genus, 24 of which occur in Iran, is given.

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گونه جدید دیگری از جنس *Dionysia* (Primulaceae) از کوه‌های بختیاری
ایران.

پروندلبو

خلاصه

گونه جدید *Dionysia iranshahrii* از سکسیون *Dionysia* و زیرسکسیون *Bryomorphae*
شرح داده میشود. همچنین مروری کلی از ۴۱ گونه این جنس که ۲۴ گونه آن در ایران
یافت میگردند.

Introduction

Going through the recently collected material of *Dionysia* at the Herbarium of the Plant Pest and Disease Research Institute of the Ministry of Agriculture, Evin, Tehran, the author came across a sheet of a distinct new species which is described below.

The number of *Dionysia* species has risen from 28 to 41 since the author's monograph on the genus was published (WENDELBO 1961). Papers describing new species are those of GREY-WILSON (1974 a,b) and of WENDELBO (1961, 1964, 1967, 1970). GREY-WILSON (1970) also published a well illustrated account of the genus, whereas WENDELBO (1965) treated the genus for Flora Iranica. There is every reason to believe that more new species will be found both in Iran and in Afghanistan.

Dionysia iranshahrii WENDELBO, sp. nov.

Sect. *Dionysia* subsect. *Bryomorphae*

Caespites densi argenteo-canescens ramis brevibus columnaris foliis marcescentibus arcte imbricatis. Folia c. 2 x 0.5 mm, anguste oblonga usque anguste elliptico-ovata, subacuta, margine integra, plana pilis antrorsis usque subpatentibus obsita; extra folii pilis antrorsis, pagina interior glaber vel prope apicem pilis antrorsis obtecta; pili usque ad 0.8 mm longi, articulati. Flos solitarius, sessilis. Bractea una, 2 x 0.3 mm, lineari-subulata, hirsuta. Calyx 2.5 mm longus, tubulosus, in lobos 2 mm longos, anguste ovatos, subacutos divisus, pilis antrorsis vel subpatentibus obtectus. Corolla violacea; tubus florum brevistylorum 11 mm longus, tenuis, glaber; limbus 5 mm diam. lobis 2 x 1.6 mm, late obovatis, apice vix emarginatis. Antherae 3/4 mm longae, infra faucem affixae. Stylus florum brevistylorum c. 3 mm longus. Ovarium triovulatum.

Iran. Bakhtiari: Semrom, Kuh Pashmaku, 2650-3000 m, 6.VI. 1974, leg. M. IRANSHAHR, holotypus Herbarium of the Ministry of Agriculture, Evin, Tehran; isotypi GB, TARI.

The most characteristic features of the new species are: the dense silvery-grey tufts, the small narrow

leaves covered with long antrorse hairs on the outside, the violet corolla with a glabrous tube and scarcely emarginate corolla-lobes.

Dionysia iranshahrii is apparently most closely related to *D. lamingtonii* STAPF (cp. GREY-WILSON 1974, p. 688, fig. 1), but is easily distinguished by its violet, glabrous corolla and the much narrower leaves which are covered by longer hairs. Other violet-flowered species differ as follows: *Dionysia archibaldii* WENDELBO and *D. esfandiarii* WENDELBO both have revolute-margined leaves and thus belong in the section *Anacamptophyllum*; *D. bryoides* BOISS. lacks the long articulated hairs and has obcordate corolla lobes; *D. sawyeri* (WATT) WENDELBO has much larger leaves which are glabrous below; *D. curviflora* BUNGE also has leaves which are glabrous below, whereas *D. janthina* BORNM. et WINKL. has broader differently shaped leaves and both of the latter have obcordate corolla lobes.

The new species is named in honour of its discoverer Engineer M. IRANSHAHR, an inveterate collector who has made many fine discoveries during his travels in all parts of Iran.

Conspectus of the genus *Dionysia* FENZL

I. Sect. *Anacamptophyllum* MELCHIOR

Subsect. *Mirae* WENDELBO

1. *D. mira* WENDELBO,

Subsect. *Scaposae* WENDELBO

2. **D. bornmuelleri* (PAX) CLAY, 3. *D. teucroides* DAVIS & WENDELBO, 4. *D. paradoxa* WENDELBO, 5. *D. balsamea* WENDELBO & RECH.f., 6. *D. saponacea* WENDELBO & RECH. f., 7. *D. lacei* (WATT & HEMSL.) CLAY, 8. *D. hissarica* LIPSKY,

Subsect. *Revolutae* WENDELBO

9. **D. aretioides* (LEHM.) BOISS., 10. **D. leucotricha* BORNM., 11. **D. revoluta* BOISS., 12. **D. archibaldii* WENDELBO, 13. **D. esfandiarii* WENDELBO, 14. **D. oreodoxa* BORNM., 15. **D. raptodes* BUNGE,

II. Sect. Dionysia

Subsect. Caespitosa WENDELBO

16. **D. bolivarii* PAU, 17. **D. caespitosa* (DUBY) BOISS., 18. **D. diapensiifolia* BOISS., 19 **D. termeana* WENDELBO, 20. **D. gaubae* BORNM., 21. **D. odora* FENZL,

Subsect. Bryomorphae WENDELBO

22. **D. sawyeri* (WATT) WENDELBO, 23. **D. haussknechtii* BORNM. & STRAUSS, 24. **D. lamingtonii* STAPP, 25. **D. iranshahrii* WENDELBO, 26. **D. michauxii* (DUBY) BOISS., 27. **D. zagrica* GREY-WILSON, 28. **D. bryoides* BOISS., 29. **D. curviflora* BUNGE, 30. **D. janthina* BORNM. & WINKL.,

Subsect. Tapetodes WENDELBO

31. *D. denticulata* WENDELBO, 32. **D. tapetodes* BUNGE, 33. *D. trinervia* WENDELBO, 34. *D. kossinskyi* CZERN.,

Subsect. Heterotrichae WENDELBO

35. *D. lindbergii* WENDELBO

III. Sect. Dionysiastrum SMOLJAN.

36. *D. microphylla* WENDELBO, 37. *D. hedgei* WENDELBO, 38. *D. involucrata* ZAPR., 39. *D. freitagii* WENDELBO, 40. *D. viscidula* WENDELBO, 41. *D. afghanica* GREY-WILSON.

*species occurring in Iran.

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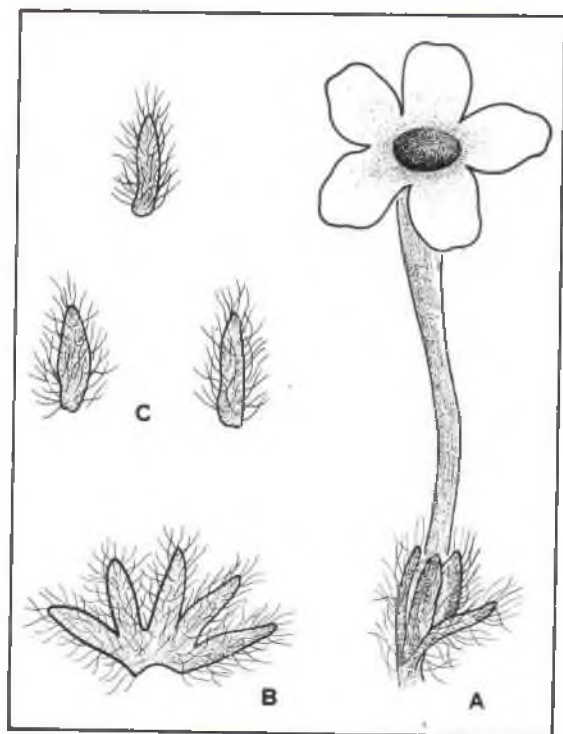


FIG. 1 *Dionysia iranshahrii*: A. Corolla with calyx and bract, B. Calyx split open C. Leaves, x c. 5.

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