## PYROLA SECUNDA (PYROLACEAE), NEW TO IRAN

W. Frey & W. Probst

Frey, W. & Probst, W. 1977 05 31: Pyrola secunda (Pyrolaceae), new to [ran. Iran. Journ. Bot. 1(2): 121-122. Tehran.

Pyrola secunda L., collected in the central Alborz at an altitude of 2400 m, is reported as new to the flora of Iran.

Wolfgang Frey. Institut für Biologie I, Spezielle Botanik, Auf der Morgenstelle I, D 7400 Tübingen, West Germany. – W. Probst, Pädagogische Hochschule, D 2390 Flensburg, West Germany.

(Pyrola secunda (Pyrolaceae) کو نه جدیدی برای فلود ایران از ، فری و پرویست کو نه با .Pyrola secunda L کهازمنطقه البرز مرکزی در ارتفاع ۲۴۰۰ مترجمع آوری شده بینوان گونه جدیدی برای فلود ایران ذکن میگردد.

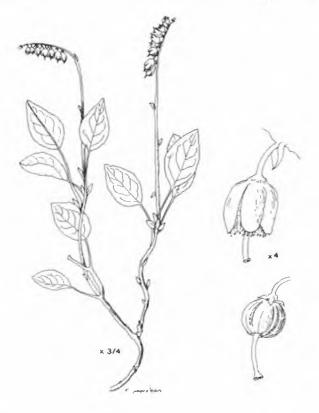


Fig. 1. Pyrola secunda.

## Pyrola secunda L.

Syn. Ramischia secunda (L.) Garcke, Orthilia secunda (L.) House

Mazandaran. Alborz Mts., Takht-e Souleiman, Dalir Valley 2400 m, 19.8 1970, flr., W. Frey and W. Probst 1003 (TUB).

The locality is situated in the region of summer pastures in open *Quercus macranthera* scrub, on a steep slope facing NNW. The soil was rather wet because of oozing ground water. The coverage of the herbaceous vegetation was about 60 %.

The species, as well as the genus, is new to the flora of Iran (cf. Křísa 1972). Assadi and Wendelbo (1977) report simultaneously *Pyrola* rotundifolia L. also from the Alborz mountains. These two boreal species may be rather widespread in the mountains, especially at the upper border of the Caspian mountain forest. This zone is still botanically poorly known. It is likely that more species of *Pyrola* will be found in this region.

## References

- Assadi, M. & Wendelbo, P. 1977: New and interesting plant records from NW. Iran. – Iran. Journ. Bot. 1(2): 97–108.
- Křísa, B. 1972: Pyrolaceae in K. H. Rechinger (ed.) Flora Iranica no. 93. – Graz.