

*J. Plant Develop.*  
15 (2008): 25–26

## **LATHYRUS LINIFOLIUS (REICHARD) BÄSSLER IN THE ROMANIAN FLORA**

CIOCÂRLAN VASILE \*

**Résumé.** On confirme présence en Roumanie pour *Lathyrus linifolius* (Reichard) Bässler, dans l'herbier CL sous le nom synonyme *Orobus tuberosus* L.

**Mots clé:** *Lathyrus linifolius*, Roumanie.

The research upon the vascular Romanian flora hasn't finished yet with the last edition of the Romanian Flora compendium. Numerous subsequent floristical references have demonstrated this item. A lot of questions, referring to the presence of some species in the old papers, still exist and there are numerous errors in determining the herbarium plants, error perpetuated without rigorous examination.

Sometimes we appreciate only the internet references and we do not verify the herbarium or the plants in terrain or, worst, we do not use the remarkable opera "*Flora of Romania*". Therefore, the knowledge of the vascular Romanian flora isn't complete, that is why it is necessary to continue the investigations.

As a sequel of his true affirmations, the author verified the presence in Romanian flora of some species belonging to the neighbouring countries, described and iconografied into the "Romanian Flora" in the 5<sup>th</sup> volume, with a question mark, where there is mentioned that this species, *Lathyrus linifolius*, „is not present in our herbarium". The species is not present in the "Critical List of the Romanian vascular plants" (A. Oprea, 2005). Nevertheless, this species exist and we are still presenting it.

We find it for the 1<sup>st</sup> time in the "Romanian Flora Prodrum" (Brândză, 1879-1883), under the name *Lathyrus macrorrhizus* Wimm.; then in the "Flora used to determine and describe the plants growing in Romania" (Prodan, 1939), „in Moldavian forests", then in "Conspectus Florae Romaniae" (Borza, 1947), called *Lathyrus montanus* Bernh., as well as in recent papers, called *Lathyrus montanus*.

*Lathyrus linifolius* (Reichard) Bässler in Feddes Repert., **82**: 434 (1971) (*Orobus tuberosus* L., Sp. Pl. 728(1753), *Orobus linifolius* Reichard, in Hanauisches Mag., **5**:26 (1782), *Lathyrus montanus* Bernh., Syst. Verz., **247** (1800), *L. macrorrhizus* Wimm., Fl. Schles., **166** (1841).

This species is minutely described and iconografied in the "Romanian Flora", 5<sup>th</sup> tome, page 412. The authors are: I. Grințescu and E. I. Nyárády, who verified the presence of the species in the herbarium from Cluj, only in *Lathyrus* genera, where the species is not present, but it is present with the synonym *Orobus tuberosus* L., page 31419, Herb. Pávai Vajna, without a specific location, only „Transilvania".

The interesting point is that the species appears under question mark called *L. montanus* (Meusel, 1964), in the central Transilvania, near Aiud, where Pávai practiced as a teacher and worked in Ardelean Museum of Cluj.

---

\* University of Agronomic Sciences and Veterinary Medicine, Bucharest

We have to mention that the species is cultivated in the Central and West Europe as a green crop.

We hope that the species will be found in oak and beech forests.

### References

1. BALL P., 1968 – Genul *Lathyrus*, in *Flora Europaea*, **2**, Cambridge: Cambridge University Press.
2. BELDIE AL., 1977 – *Flora României, Determinator ilustrat al plantelor vasculare*, **I**, București: Edit. Acad. Române.
3. BORZA AL., 1947 – *Conspectus Florae Romaniae, Regionumque affinum*, Cluj: Tipografia „Cartea Românească”, 360 pp.
4. BRANDZA D., 1879-1883 – *Prodromul Florei Române*, București: Tipogr. Acad. Române.
5. CIOCÂRLAN V., 2000 – *Flora ilustrată a României. Pteridophyta et Spermatophyta*, Edit. Ceres, București.
6. GRINȚESCU I., NYÁRÁDY E. I., 1957 – *Lathyrus* L., in *Flora R. P. Române*, **V**, București: Edit. Acad. Române.
7. MEUSEL H., JÄGER E., WEINERT E., 1964 – *Vergleichende Chorologie der Zentraleuropäischen Flora*. Jena.
8. OPREA A., 2005 - *Lista critică a plantelor vasculare din România*. Iași: Edit. Univ. “Alexandru Ioan Cuza”: 668 pp.
9. PRODAN I., 1939 – *Flora pentru determinarea și descrierea plantelor ce cresc în România, t. II. Noțiuni generale de Fitogeografie. Fiziografia generală a României. Fitogeografia României*. Cluj: Tipografia „Cartea Românească”.