



## Article

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**Validation of the species name *Bupleurum atargense* Gorovoj (Apiaceae)**

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**Abstract**

The species name *Bupleurum atargense* that was invalidly published by P.G. Gorovoj and included in several botanical monographs and regional Red Data Book is validated here.

**Keywords:** Apiaceae, Atargan, *Bupleurum atargense*, Magadan Region, Russia

**Introduction**

*Bupleurum atargense* was described by P.G. Gorovoj (1990) from Magadan Region, more precisely, from a well-known floristic refugium in the vicinity of Atargan Spit. *Bupleurum atargense* is a rare, endemic species with a very restricted range. It was listed in several botanical monographs (Kozhevnikov, Probatova, 2006; Flora..., 2010; Baikov, 2012; Pimenov, Ostroumova, 2012) and included in the regional Red Data Book (Khoreva, 2019). However, the status of *Bupleurum atargense* in IPNI (International Plant Names Index) is indicated as “nom. inval., Herbarium not indicated, contrary to Art. 37.5 ICBN (1988)”.

Recently the author of the current publication visited the herbarium of the Pacific Institute of Bioorganic Chemistry of the Far Eastern Branch of the Russian Academy of Sciences (PIBOC FEB RAS, Vladivostok, Russia) and found the type specimens of this species name (holotype (Figure 1) and paratypes) there. Thus, the herbarium where the holotype is deposited can now be indicated. The species name is ascribed to Gorovoj in accordance with Art. 46.2 of the ICN (Turland et al., 2018) as the name and diagnosis are clearly associated with this author.

**Nomenclature and taxonomy**

*Bupleurum atargense* Gorovoj, **sp. nov.** (Gorovoi in Feddes Repert. 101(9–10): 429. 1990, nom. inval.) (urn:lsid:ipni.org:names:940609-1)

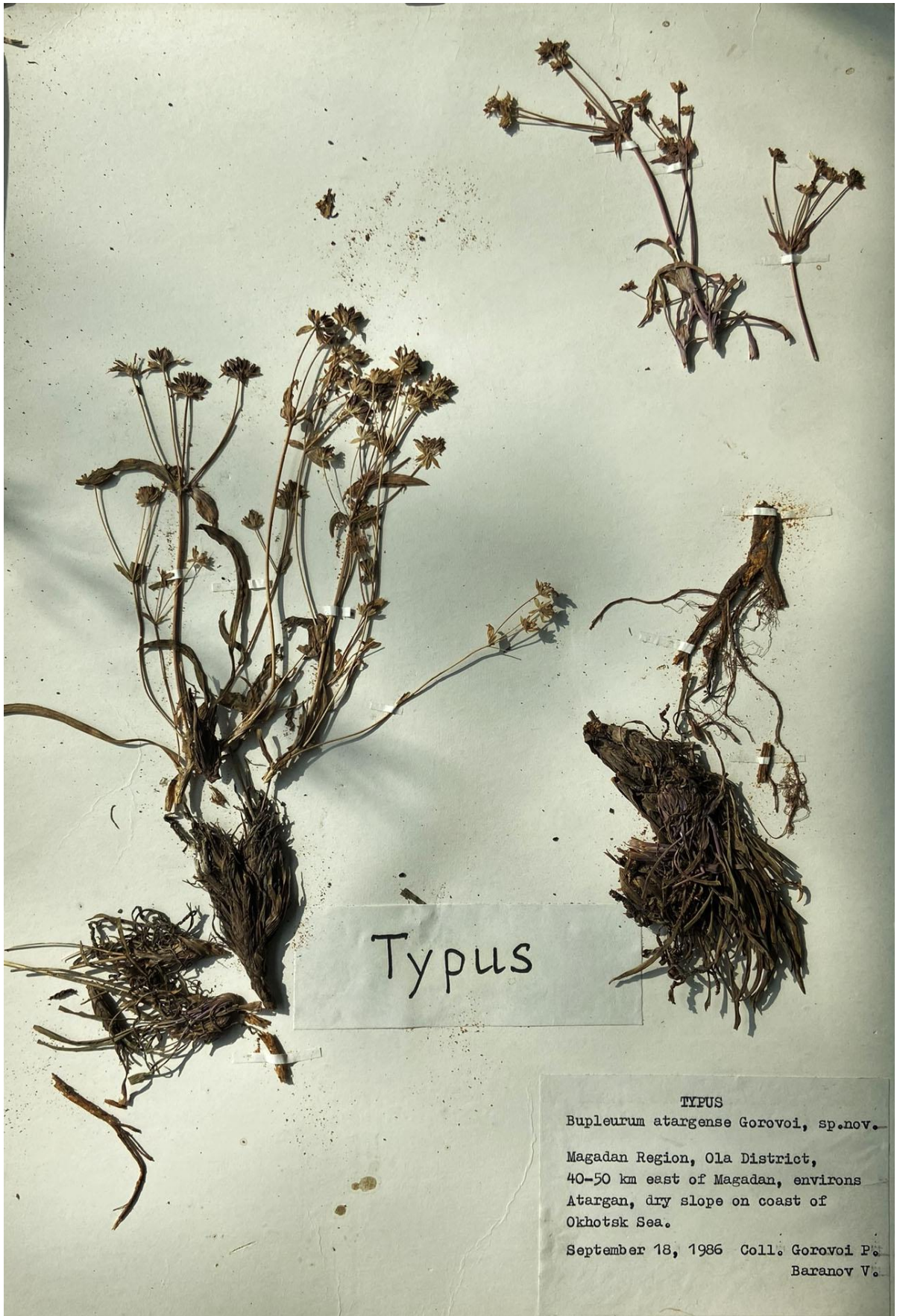


Figure 1. Holotype, Herbarium of PIBOC FEB RAS, Vladivostok, Russia, 24.10.2023

**Diagnosis:** Differs from *Bupleurum triradiatum* Adams ex Hoffm. in structure of pedicel leaves (half-pedicel-embracing vs. pedicel-embracing and cordate at base in *B. triradiatum*), in involucre bractlets (lanceolate and acute on top vs. elliptical or ovate and obtuse on top in *B. triradiatum*) and chromosome numbers ( $2n = 14$  vs.  $2n = 16$  in *B. triradiatum*). Besides,  $2n = 14$  is an unusual chromosome number for the Russian Far East species of *Bupleurum* (Volkova, 1992; Andriyanova, 2013).

**Holotype:** Magadan Region, Ola District, 40–50 km east of Magadan, environs of Atargan, dry slope on coast of Okhotsk Sea, 18.IX.1986, P. Gorovoi, V. Baranov. Type specimen is deposited in Herbarium of Pacific Institute of Bioorganic Chemistry (PIBOC FEB RAS, Vladivostok, Russia).

**Paratypes:** Magadan Region, Ola District, Atargan village, dry maritime slopes of southern exposition, 12.VII.1981, N. Pavlova, A. Kravchenko (PIBOC FEB RAS, Vladivostok, Russia); Magadan Region, Ola District, Atargan village, steppe slope, 27.VII.1983, P. Zhmylev, A. Khokryakov (PIBOC FEB RAS, Vladivostok, Russia; VLA # 217287!; MAG0000066!).

**Distribution:** endemic of the northern coast of the Sea of Okhotsk, Tauysk Bay: Atargan (Herbarium of Pacific Institute of Bioorganic Chemistry (PIBOC FEB RAS, Vladivostok, Russia), MW, MAG), Black Spring (MW, MAG), Njuklja (MAG), Odjan (MAG) Zavjalov island (MAG).

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