

A New Species of *Thlaspi* from Iran

Nový druh rodu *Thlaspi* z Íránu

Jiří Ponert

PONERT J. (1972): A new species of *Thlaspi* from Iran. — *Preslia*, Praha, 44 : 272—273. The author describes a new species of the genus *Thlaspi* L. (*T. inhumile* PONERT, *Cruciferae*) from the southern part of the Elborz Mountains (northern slopes at 2650 m). The species appears closely related to *T. rostratum* N. BUŠ, the distinguishing characters being stouter habit, amplexicaul leaves with a characteristic venation, axillary buds, and longer pedicels. — *Batumi Subtropical Botanical Garden, Academy of Sciences of the Georgian S.S.R., Machindjauri, Adjarian A.S.S.R., U.S.S.R.*

The section *Apterygium* LEDEB. of the genus *Thlaspi* L. contains a series of alpestrine species which are often confined to small areas. Their list is now completed by a new species from northern Iran.

Thlaspi inhumile PONERT sp. n.

Planta suffruticosa ascendens. Caulorrhiza per ramos lignosos erectos nigrogriseos valide ramosa, caules 9—25 cm altos stramineo-luteos simplices sed tempore fructuum infra cum gemmis axillaribus validis conico-ovatis ad $0,7 \times 0,2$ cm magnis apertis, ferens. Tegmenta gemmarum externa subacuta, infra subinflata. Folia inferiora tempore fructuum subdecidua. Folia alterna sagittato-cordata 1,3—2,5 cm longa et 0,3—1,3 cm lata ad basin dilatata, sine petiolo, amplexicaulia, auriculae incongruente ovatae 0,2—0,6 cm longae; distantia apicum obtusorum auricularum latitudine laminae brevior. Folia nonnunquam 9-nervia, nervi lateralissimi in auriculis valide arcuati ad margines auricularum exteriores approximati, bases nervorum sublateralium minus arcuatae, partes distales nervorum sublateralium cum nervis submediis parallelae sed evanescentes. Racemus ab folio superiore 1,5—3,5 cm distans, 1,5—11 cm longus (cum pedicellis fructuum, sine longitudine fructuum). Pedicelli fructuum erecti S-formes, inferiores 0,6—0,8 cm longi, medii 0,5—0,8 cm longi, superiores 0,25—0,6 cm longi. Flores ignoti. Stylus persistens, tempore fructuum 0,3—0,45 cm longus. Fructus (silicula) 0,3—0,4 cm latus (ad perpendicularium septo), septum lanceolatum 0,8—1,1 cm longum et 0,2—0,3 cm latum. 2 (rare 3) ovula in loculo, semina 1—3 per loculum ab funiculis inaequilongis ex angulo superiore loculi pendentia. Semina saepe 0,3 cm longa sub 0,2 cm lata et saepe 0,08 cm crassa, coffeo-fusca monocarinata, carinae aurantiacae, amplexu ovata ad funiculum subacuta, in sectione (cum cotyledonibus viridis radículaque oehroleuca) anguste triangulariter ovata. Carina semini saepe 0,03 cm alta per radiculam formans. Embryo pleurorhizus.

Typi: Jiří Ponert, Iter Iranicum, Pakistanicum Afghanisticumque 1970: No. 38408/58 (holotypus) et Nr. 38408/59 (isotypus). Iran. Montes Elborz, pars meridionalis, inter oppida Gachsar et Marzan-abad, declive boreale argillosum, 2650 m supra mare. 25. VII. 1970 J. PONERT legit. Typi in herbario Horti botanici Batumensis conservantur.

Affinitas et differentia specifica: *Thlaspi inhumile* PONERT stylis longis *Thlaspi rostrato* N. BUŠ similis, a qua exempli gratia foliis, gemmis et pedicellis differt. *Thlaspi inhumile* PONERT omnibus ceteris speciebus sectionis *Apterygium* LEDEB. europaeis, caucasicis, transcaucasicis, turcicis iranisque altius est.

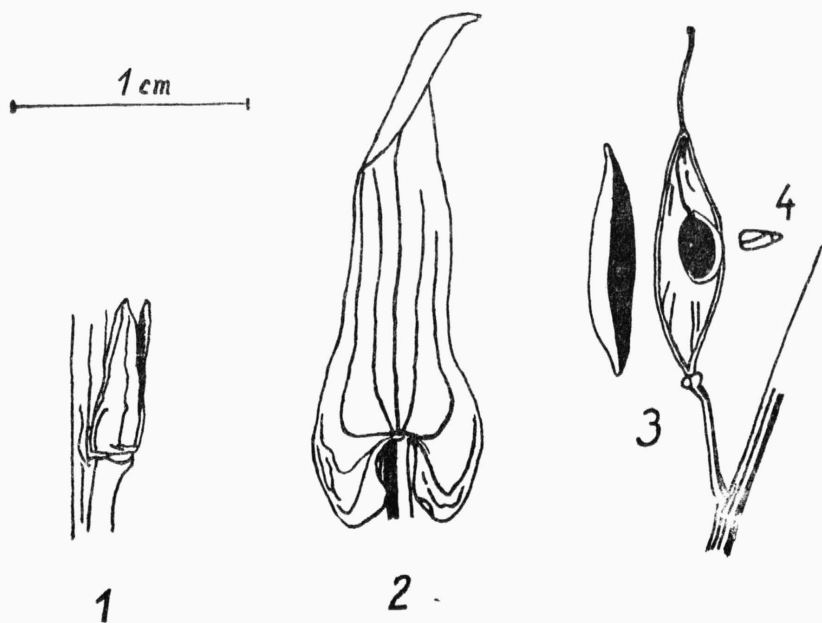


Fig. 1—4. — *Thlaspi inhumile* PONERT. — 1: axillary bud; — 2: amplexicaul cauline leaf; — 3: silicle with pedicel (valve separated; one seed of the 2-seeded cell shown); — 4: transversal section of seed. — Del. J. PONERT.

Souhrn

Na základě terénního studia a vlastních sběrů autor popisuje a vyobrazuje nový druh rodu *Thlaspi*, a to *Thlaspi inhumile* PONERT, patříci do skupiny horských polokeříčkovitých druhů s bezkřídlými šešulkami, v jejichž pouzdrech je po 1—3 semenech. Svými dlouhými vytrvalými čnělkami *T. inhumile* ze severoíránského pohoří Elborz připomíná nachičevanský druh *T. rostratum* N. BUŠ, od něhož se však liší vyšším vzrůstem, tvarem objímavých listů, význačnými úžlabními pupeny a delšími stopkami plodními i poněkud většími semeny.

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