

KRÁTKÁ SDĚLENÍ

Jungermannia caucasica sp. n. (*Hepaticae*)

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Abstract — A new species of the genus *Jungermannia* (subgen. *Solenostoma*) distributed in the Caucasus and in Asia minor has been described in this paper.

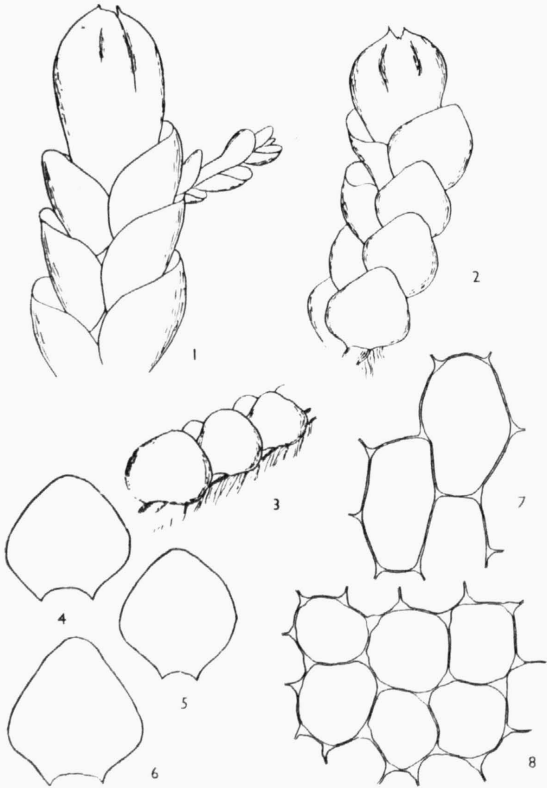
Jungermannia (subgen. *Solenostoma*) *caucasica* VÁŇA sp. n.

Fig. 1—8. 1, 2 — Female plants, 3 — Part of stem, lateral view, 4—6 — Leaves, 7 — Cells from leaf-base, 8 — Cells from leaf-middle.

Descriptio: Dioica, majuscula, flavo- vel fusco-viridis, dense pulvinato-caespitosa. — Caulis repens, in diametro 0,15—0,45 mm, viridis, ad 2,5 cm longus, cum foliis 1—2 mm latus, simplex vel pauciramosus, sub flore innovans. Radicellis hyalinis vel pallidis, numerosis. — Folia caulina remotiuscula vel imbricata, oblique inserta, concava, in plano cordata, basi breviter deccurentia, 0,4—1,2 mm longa et 0,5—1,3 mm lata, integerrima. Cellulae foliorum marginales 18—25 μ m, mediae 25—40 μ m, basales 30—40 \times 40—60 μ m, parietibus tenuibus, trigonis majusculis, subnodulosis. Cuticula papillosa. — Amphigastria nulla. — Androecia terminalia, bracteis 5—8 jugis, basi saccatis, superne minus recurvis, monandris vel diandris. — Gynoecia terminalia. Folia involucralia caulinis majora. Perianthia ovato-oblonga vel pyriformia, 2/3 exserta, 2,0—2,5 mm longa et 1,0—1,5 mm lata, 3—5 plicata, rostrata.

Habitat: ad terram humosam.

Distributio: Caucasus, Asia minor (Trabzon).

Specimina visa: Caucasus: Adžarija, distr. Batumi, prope lacum in decl. montis Mtirala, 20. 6. 1961 leg. A. L. ABRAMOVA et I. I. ABRAMOV, det. J. DUDA sub *Plectocolea hyalina* (LYELL) MITT. (cf. ABRAMOV, ABRAMOVA et DUDA 1967, p. 293) — LE no. 1805 (holotypus), 1991, 2006, 2013, 2041, OP no. 108247 (isotypus), 110709, PRC sine no. (isotypus); opp. Batumi, in horto botanico, pars caucasica, 17. 6. et 24. 6. 1961 leg. A. L. ABRAMOVA et I. I. ABRAMOV, det. J. DUDA sub *Plectocolea hyalina* (LYELL) MITT. (cf. ABRAMOV, ABRAMOVA et DUDA 1967, p. 293) — LE no. 1735, 1822, OP no. 108243, pars himalajica, 26. 6. 1961 leg. A. L. ABRAMOVA et I. I. ABRAMOV, det. J. DUDA sub *Plectocolea hyalina* (LYELL) MITT. (cf. ABRAMOV, ABRAMOVA et DUDA 1967, p. 193) — LE no. 1975, prope loc. Zeljonyj mys, 17. 6. 1961 leg. A. L. ABRAMOVA et I. I. ABRAMOV, det. J. DUDA sub *Plectocolea hyalina* (LYELL) MITT. (cf. ABRAMOV, ABRAMOVA et DUDA 1967, p. 293) — OP no. 110529; Gruzia, regio Kvarelskij, res. Lagodežskij, loc. Chočal, 25. 7. 1964 leg. A. L. ABRAMOVA et I. I. ABRAMOV — LE no. 2739; Jugo-Osetija, regio Džavskij, in valle fluminis Bolšaja Liachna prope cliv. Britatskoje, 27. 8. 1947 leg. A. L. ABRAMOVA, det. J. DUDA sub *Plectocolea hyalina* (LYELL) MITT. — OP no. 108257. Asia minor, distr. (Sandschak) Trabzon: in monte Ulugoba prope vicum Fol, 2000 m, 13. 7. 1907 leg. H. FREIH. v. HANDEL-MAZZETTI no. 676, det. V. SCHIFFNER sub *Aplozia amplexicaulis* DUM. (cf. SCHIFFNER 1909, p. 138) — FH; in catena montium ad septentr. fluminis Charshut inter vicos Fol et Eseli ad rivulos in cacumine maxime editio inter montes Orukbeli et Aladja Dag, 1950 m, leg. H. FREIH. v. HANDEL-MAZZETTI no. 1147, det. V. SCHIFFNER sub *Aplozia amplexicaulis* DUM. (cf. SCHIFFNER 1909, p. 138) — FH; in ditione vici Eseli prope opp. Goerele (Elehu), ad viam cavam infra vicum, 600 m, 17. 7. 1907 leg. H. FREIH. v. HANDEL-MAZZETTI no. 697 et 1196, det. V. SCHIFFNER sub *Nardia hyalina* (LYELL) CARR. (cf. SCHIFFNER 1909, p. 134) — FH, in tergo versus alpem Kisyl Ali Jaila, 1300 m, 16. 7. 1907 leg. H. FREIH. v. HANDEL-MAZZETTI no. 722, det. V. SCHIFFNER sub *Nardia hyalina* (LYELL) CARR. (cf. SCHIFFNER 1909, p. 134) — FH.

Jungermannia caucasica belongs to the section *Solenostoma* of the subgenus *Solenostoma*. The cordate leaves, the oblique insertion of leaves and the creeping stems are the distinguishing features for the present species. *Jungermannia caucasica* is closely related to Himalayan *Jungermannia schauliana* STEPH. and Japanese *Jungermannia hiugaensis* AMAK. However, both cited species are easily distinguished from *Jungermannia caucasica* by the mostly ovate leaves, cuticle smooth or nearly so, and some other characteristics.

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Souhrn

V práci je podán popis nového druhu játrovek *Jungermannia caucasica* VÁŇA sp. nova, náležejícího do podrodu *Solenostoma* sekce *Solenostoma*. Nový druh byl dosud zjištěn na několika lokalitách na Kavkaze a v Malé Asii.

References

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SCHIFFNER V. (1909): Hepaticae. — in: v. HANDEL-MAZZETTI H. F., Ergebnisse einer botanischen Reise in das Pontische Randgebirge im Sandschak Trapezunt. — Ann. naturhist. Hofmus. Wien 23: 133—141.

Recensent: J. Duda