

Flowering plant types in the Hungarian Natural History Museum (BP)
II. Achillea type specimens of József Ujhelyi (1910–1979)

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Abstract – The status of 52 type specimens of three *Achillea* species (*A. horanszkyi*, *A. tuzsonii*, *A. bulgarica*) described by J. UJHELYI was studied and clarified. Some mistakes were eliminated and corrected (in the remarks). With 3 figures.

INTRODUCTION

JÓZSEF UJHELYI is one of the greatest Hungarian botanists of this century. His scientific view and methods are revolutionary in taxonomy in many respects. Although his papers on the genera *Sesleria*, *Koeleria*, *Lotus*, *Achillea* were published many years ago, in many cases he failed to designate the type specimens he had investigated. On the other hand he designated lecto- and isotypes mostly in a way which needs correction.

Abbreviations used in the text: i.n. = inventory number of the herbarium sheet (BP); – coll. = name of the collector; – t.s. = text of the label of the herbarium sheet; – Rem. = remark by the author.

Achillea horanszkyi UJHELYI, 1975
(Protologue: *Annls hist.-nat. Mus. natn. hung.* **67:** 41–43)

Holotype (Fig. 1): i.n.: 598512; coll.: J. UJHELYI (06.07.1973); t.s.: Hungaria borealis. Montes Visegrádi-hegység. In saxosis andesiticis montis Szamárhegy, prope opp. Esztergom. Alt. 300 m s.m. Exp.: W.; protologue: Hungaria borealis. Montes Visegrádi-hegység. In saxosis caespitibusque andesiticis montis Szamár-hegy sub cacumine, ad fluvii Danubii, prope opp. Esztergom. Alt. 300 m s.m., in declivi occidentali. [Rem.: Visegrádi-hegység = Visegrád Mts, Szamárhegy = Mt Szamár-hegy.]

Paratypes and isoparatypes:

HUNGARY, Visegrád Mts, Mt Szamár-hegy.

1) i.n.: 595761; coll.: J. UJHELYI (26.07.1971) [Rem.: This specimen was prepared after cultivation in UJHELYI's experimental garden (garden photo attached to the sheet).]

2) i.n.: 595762; coll.: J. UJHELYI (27.07.1971) [Rem.: This sheet consists of one piece of a sterile shoot and two photos.]

Achillea tuzsonii UJHELYI, 1975

(Protologue: *Annls hist.-nat. Mus. natn. hung.* **67**: 43–45)

Holotype (Fig. 2): i.n.: 588396; coll.: J. UJHELYI (19.09.1968); t.s.: Hungaria borealis. Montes Mátra-hegység. In saxosis andesiticis montis Szamárkő supra pag. Mátra-Szentistván, prope opp. Gyöngyös. Exp.: N. Alt. 800 m s.m.; protologue: as the t.s., but the exposition is missing. [Rem.: Mátra-hegység = Mátra Mts, Szamárkő = cliff Szamár-kő, Mátra-Szentistván = Mátraszentistván.]

Isotype: 1) i.n.: 588399. [Rem.: Basal leaves only.]

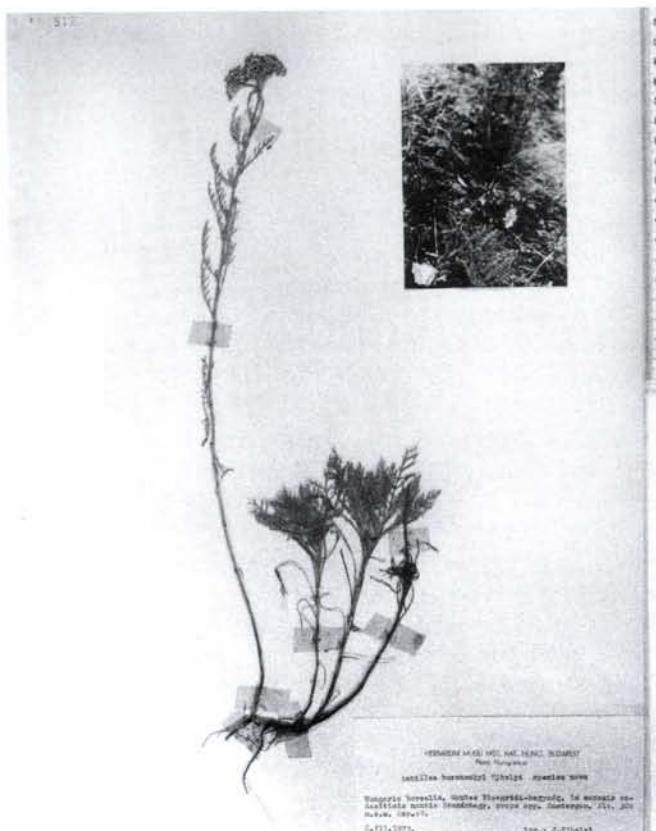


Fig. 1. *Achillea horanszkyi* UJHELYI, holotypus

Paratypes and isoparatypes:

1) i.n.: 588398; coll.: J. UJHELYI (05.09.1972) [Rem.: Mátra Mts, Mátraszentistván, cliff Számár-kő. Exp. N. Alt. 800 m s.m. Either in the t.s. and in the protologue this specimen is mistakenly indicated as lectotypus.]

2) i.n.: 587145; coll.: L. THAISZ (19.06.1901) [Rem.: Portile de Fier (canal at the Lower Danube). Porta Ferrea = Portile de Fier = Vaskapu.]

Achillea bulgarica (DEG. et URUM.) UJHELYI, 1975

(Protologue: *Annls hist.-nat. Mus. natn. hung.* **67**: 45–48)

Holotype (Fig. 3): i.n.: 466573 (as *A. crithmifolia* W. K. var. *bulgarica* Deg. et Urum.); coll.: I. K. URUMOV (without date); t.s. and protologue: Ad Trnovo. [Rem.: Veliko Tarnovo. Trnovo = Veliko Tarnovo.]

Paratypes and isoparatypes:

BULGARIA

1) i.n.: 694662; coll.: I. K. URUMOV (29.04.1901) [Rem.: Veliko Tarnovo. Trnovo = Veliko Tarnovo.]



Fig. 2. *Achillea tuzsonii* UJHELYI, holotypus

- 2) i.n.: 694663; coll.: I. FRIVALDSZKY (1835) [Rem.: Karlovo. Carovo = Karlovo.]
 3) i.n.: 273637; coll.: C. KECK and T. PICHLER (05.1890) [Rem.: Plovdiv. Philippopolis = Plovdiv.]
 4) i.n.: 694664; coll.: TH. PICHLER (06.1890) [Rem.: Plovdiv, hill Dzhendem tepe. Philippopolis = Plovdiv; Tschendemtepe = Dzhendem tepe.]
 5) i.n.: 465864; coll.: J. WAGNER (25.06.1892) [Rem.: Cepelare.]
 6) i.n.: 694665; coll.: I. K. URUMOV (1926) [Rem.: Karash. Karas (not "Kars" as is written in the protologue) = Karash.]
 7) i.n.: 694666; coll.: I. K. URUMOV (1925) [Rem.: Lukovit (not "Lukevit" as is written in the protologue).]
 8-9) i.n.: 482713, i.n.: 694667; coll.: I. K. URUMOV (23.06.1912) [Rem.: Dragalevci. Dragalcev = Dragalevci.]
 10) i.n.: 482716; coll.: I. K. URUMOV (1909) [Rem.: Belovo.]
 11) i.n.: 482715; coll.: I. K. URUMOV (without date) [Rem.: Balkan Mts. M Balcan = Balkan Mts.]
 12) i.n.: 694668; coll.: I. K. URUMOV (24.05.1912) [Rem.: Bojana.]
 13) i.n.: 466572; coll.: I. K. URUMOV (10.07.1912) [Rem.: Rodope Mts, Velingrad. "Kamenica" that is written in the t.s. nowadays is a part of Velingrad.]



Fig. 3. *Achillea bulgarica* UJHELYI, holotypus

- 14) i.n.: 694679; coll.: I. K. URUMOV (18.07.1912) [Rem.: Rodope Mts, Jundola (not "Imdola" as is written in the protologue).]
- 15–16) i.n.: 694680, i.n.: 521981; coll.: A. PÉNZES (17.07.1936) [Rem.: Strandza Mts, Zvezdec. Göktepe = Gjök tepe = Zvezdec. Alt. 400–500 m s.m.]
- 17–18) i.n.: 530827, i.n.: 521978; coll.: J. SZ. LACZA (06. and 07.06.1960) [Rem.: Strandza Mts, Kosti. Kusti (not "Kurti" as is written in the protologue) = Kosti.]
- 19) i.n.: 521914; coll.: A. BARTHA and A. PÉNZES (27.07.1935) [Rem.: Pirin Mts, Banderica valley.]
- 20) i.n.: 521913; coll.: A. PÉNZES (02.08.1936) [Rem.: Pirin Mts, Banderica valley. Alt. 1600 m s.m. Two sheets with one i.n.]
- 21) i.n.: 521851; coll.: A. PÉNZES (02.07.1938) [Rem.: Pirin Mts, Sandanski. Sveti vrac = Sandanski. Alt. 270 m s.m.]
- 22) i.n.: 694681; coll.: J. UJHELYI (04.07.1938) [Rem.: Pirin Mts, Sandanski, "Popina Laka". Sveti vrac = Sandanski. Alt. 1300–1350 m s.m.]
- 23) i.n.: 521983; coll.: J. JEANPLONG (18.07.1956) [Rem.: Trojan Mts.]
- 24–25) i.n.: 482415, i.n.: 273034; coll.: T. PÓCS (06.07.1962) [Rem.: Vitosha Mts, Bojana. Bojna = Bojana. Alt. 900 m s.m.]
- 26–27) i.n.: 583094, i.n.: 583095; coll.: J. UJHELYI (02.07.1969) [Rem.: Rodope Mts, Backovo, Mt "Prespa". Alt. 700 m s.m. Two sheets.]

SERBIA

- 28–29) i.n.: 521980, i.n.: 694669; coll.: J. ANDRASOVSZKY (02.06.1917) [Rem.: Mitrovica, Mt "Zvecan". Mitrovia = Mitrovica.]
- 30) i.n.: 694670; coll.: L. ADAMOVIC (20.06.1896) [Rem.: Mt "Krstilovica". Alt. 800 m s.m.]

KOSOVO

- 31–32–33–34) i.n.: 521979, i.n.: 694671, i.n.: 694672, i.n.: 694673; coll.: J. ANDRASOVSZKY (18.07.1917) [Rem.: "Bresnik" near Pec. Ipek = Pec. In the protologue this locality is confined to Montenegro.]
- 35) i.n.: 694674; coll.: KOSANIN (05.05.1913) [Rem.: Canyon of the river Bistrica near Prizren. "Klisura Prizren. Bistrice" = canyon of the river Bistrica near Prizren. In the protologue this locality is confined to Albania.]

MACEDONIA

- 36) i.n.: 694675, coll.: I. FRIVALDSZKY (without date) [Rem.: Macedonia.]
- 37) i.n.: 482746; coll.: J. DÖRFER (21.06.1893) [Rem.: Between Rozden and Majdan. Allchar = Alsar = perhaps Majdan. Roszdan (not "Roizdan" as is written in the protologue) perhaps = Rozden.]
- 38) i.n.: 694676; coll.: J. BORNMÜLLER (24.05.1917) [Rem.: Nerezi near Skopje, Mt Vodno. Neresi = Nerezi; Üsküb = Skopje; m. Wodno = Mt Vodno. Alt. 600 m s.m.]

GREECE

- 39–40) i.n.: 482711, i.n.: 482748; coll.: "DIMONIE" (10.06.) [Rem.: Langadia, Mt Tsena. Lunzi (not "Lundzi" as is written in the t.s. and the protologue) = Langadia (area very close to the border); Mt Dzena = Mt Tsena; Ghevigli = Gevgelija (in Macedonia). Alt. 1000–1200 m s.m.]

TURKEY

41) i.n.: 465865; coll.: Á. DEGEN (02.06.1890) [Rem.: Yenimahalle, "Kestene-suju" valley. Thracia = mid Balkan Peninsula; Byzantium = Istanbul; Yeni-Mahallé (not "Yeni-Makallé" as is written in the protologue) = Yenimahalle.]

UNKNOWN LOCALITY

42–43) i.n.: 694677, i.n.: 694678; coll.: I. FRIVALDSZKY (without date) [Rem.: Rumelia = former part of Ottoman Empire comprising S. Bulgaria, Greek Thrace and Turkish Thrace.]

44) i.n.: 465866; coll.: I. FRIVALDSZKY (1835) [Rem.: "Balkai" is written in the t.s., "Balkan" is written in the protologue.]

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REFERENCES

- UJHELYI, J. (1975): New Species and New Section of the Genus Achillea L. (Asteraceae). – *Annls hist.-nat. Mus. natn. hung.* **67**: 41–55.