

## HISTORY OF DISCOVERY AND TYPIFICATION OF *GALIUM CRACOVIENSE* (RUBIACEAE)

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*Galium cracoviense* Ehrend., an endemic species of the Polish flora, grows on the some Jurassic hills near Olsztyn in the Wyżyna Krakowsko-Częstochowska upland (Cieślak & Szelaĝ 2009). This name is lectotypified by a specimen of *G. silvestre* var. *microphyllum* R. Uechtr. collected by Baumann in 1864 and stored at the herbarium of the Institute of Botany Jagiellonian University, Kraków (KRA).

### *Galium cracoviense* Ehrend.

Fig. 1

Sitzungsber. Oesterr. Akad. Wiss., Math.-Nat., Abt. 1. **169**: 419. 1960 – *G. silvestre* var. *microphyllum* R. Uechtr., Bot. Zeitung **32**: 206. 1874 – TYPE LOCALITY: ‘Olsztyn im südwestlichsten Polen (leg. Baumann, Karo)’ – LECTOTYPE (designated here): Kalkfelsen der Ruine Olsztyn im südwestl. Rus. Polen, Sept. 1864, *Baumann* (ex herb. R. Uechtritz), KRA 242023 – ORIGINAL MATERIAL: Na skałach w Olsztynie pod Częstochową, 1865, *F. Karo*, KRA 242024.

– *G. silvestre* var. *polonica* Rostafiński 1873, in *schedis*

In the Polish literature, Ferdynand Karo (1845–1927) is regarded as discoverer of *G. cracoviense* (Hereźniak 2004); he carried out floristic studies in the vicinity of Częstochowa in 1874–1880 (Karo 1881). However, herbarium material serving as a basis for description of *G. silvestre* var. *microphyllum* had been collected also by C. Baumann († 1874), a teacher of the Königliche Katholische Gymnasium, Oppeln (now Opole) (Uechtritz 1874). Karo (1881) does not mention Baumann’s discovery, which suggests that he may not have seen the protologue and that he repeated the alleged journal title *Hallesche bot. Zeitung* (cf. Karo

1881: 230) after the label in Uechtritz’s herbarium (in fact the title was *Botanische Zeitung* and the journal was issued in Leipzig).

Views also differ on the date of discovery of *G. cracoviense* by Karo, who wrote in his *Flora okolic Częstochowy* (Flora of the Częstochowa region): ‘I collected it for the first time in 1874’ (Karo 1881: 229), while the oldest preserved herbarium specimen he collected is dated 1865. Also on the label of the *G. cracoviense* specimen (WA19385) collected on 12 June 1878 is Karo’s handwritten statement: ‘Skały w Olsztynie 1865 odkryłem’ (‘Rocks in Olsztyn 1865, I discovered’).

In KRA, original material of *G. silvestre* var. *microphyllum* is deposited, obtained by Irena Kucowa during her studies (Kucowa 1962). Among them is a specimen from Uechtritz’s herbarium, with his own note, collected by Baumann in 1864, that is, a year before Karo’s discovery (Fig. 1).

In 1873 the species was collected on rocks in Olsztyn also by Józef Rostafiński, who named it *G. silvestre* var. *polonica*, but he did not publish this name.

Raising *G. silvestre* var. *microphyllum* to species level, Ehrendorfer (1960) had to create a new name for it. Therefore claims that Ehrendorfer described *G. cracoviense* based on herbarium material courteously lent to him (Kucowa 1962) are not legitimate, and Hereźniak’s (2004) discussion of a ‘not well-chosen’ specific epithet also apply to that case.

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Fig. 1. Lectotype of *Galium cracoviense* Ehrend.

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