



Hugo Zapałowicz's species of *Iris* and *Gladiolus* (Iridaceae): Typification of his names

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Iridaceae Jussieu (1789: 57) includes more than 60 genera and about 800 species (Goldblatt & Manning 2008) widely distributed in tropical, subtropical, and temperate regions, and especially numerous in Africa south of the Sahara, the eastern Mediterranean, western and eastern Asia, and Central and South America (Takhtajan 2009). Ten genera and about 100 species occur in Europe, some of which were described from Europe. We have reviewed the Herbarium of the Władysław Szafer Institute of Botany PAS (*KRAM*). Consequently, we here lectotypify two Iridaceae taxa described by H. Zapałowicz.

Hugo Zapałowicz (November 15, 1852–November 20, 1917)—botanist, natural scientist, traveler, and military lawyer—was a pioneer researcher of the flora and geological structure of the Carpathian Mountains. He was also a geological, geographical and floristic researcher in South America and the author of the flora of Babia Góra, Maramureş Mountains, Pokuttya (Shevera 2010). Zapałowicz described many new species of vascular plants; some taxa of Iridaceae were published in his series “*Conspectus Florae Galiciae Criticus*” (1906).

The type status of the two names described by Zapałowicz has been assessed. Consequently, we are designating a lectotype for *Iris pontica* Zapałowicz (1906: 191) and a lectotype and three paratypes of *Gladiolus imbricatus* Linnaeus f. *robustus* Zapałowicz (1906: 193) at the Herbarium of the Władysław Szafer Institute of Botany PAS (*KRAM*).

Iris pontica Zapałowicz (1906: 191.)

Type citation: “in Delakeu ad Tyram (Dniestr), in districtu Bender Bessarabiae”. *Consp. fl. galic. crit.* 1: 191.

Lectotype: (**designated here**): Delaken nad Dniestrem pow. Benderski. Bessarabia, 29 Apr 1898, *J. Paczoski s.n.* (*KRAM!*, 070975). Note: Zapałowicz reported the specimen was gathered on 11 May 1898 whereas the specimen we cited was obtained on 29 Apr 1898. The original holotype (the 11 May 1898 specimen) has not been found and we are designating another sheet from the extant original material.

Gladiolus imbricatus Linnaeus f. *robustus* Zapałowicz (1906: 193.)

Type citation: “Czorsztyn (Gustawicz), Sandomierska Puszcza (Jachno), Hurko pod Przemyślem (Kotula), Janów pod Lwowem (Król), Dźwiniacz koło Sołotwiny w Stanisławowskiem (Rehman)”. *Consp. fl. galic. crit.* 1: 193.

Lectotype: (**designated here**): Hurko, 28 Jun–16 Jul 1876, *B. Kotula* (*KRAM!* 075713).

Paratypes: Czorsztyn, Jul 1880, *B. Gustawicz* (*KRAM!* 075738); Janów, 19–22 Jul 1874, *Z. Król* (*KRAM!* 0755701); Dźwiniacz, sine data, *A. Rehman* (*KRAM!* 075767a).

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