



## Typification of two species names of *Potamogeton* (Potamogetonaceae)

LORENZO LASTRUCCI<sup>1\*</sup>, DANIELE VICIANI<sup>1</sup>, BRUNO FOGGI<sup>1</sup>, STEFANO MIRANDA<sup>1</sup>, ANNALISA SANTANGELO<sup>2</sup> & ZDENĚK KAPLAN<sup>3</sup>

<sup>1</sup>Dept. of Biology, Labs. of Plant Biology, University of Florence, 50121 Florence, Italy. (\*correspondence to [lastruccilorenzo73@gmail.com](mailto:lastruccilorenzo73@gmail.com))

<sup>2</sup>Dept. of Biology, University of Naples Federico II, via Foria 223, 80139 Napoli, Italy

<sup>3</sup>Institute of Botany, The Czech Academy of Sciences, 252 43 Průhonice, Czech Republic. E-mail: [kaplan@ibot.cas.cz](mailto:kaplan@ibot.cas.cz)

Two species names of the genus *Potamogeton* Linnaeus (1753: 126) are here typified: *P. panormitanus* Bivona-Bernardi in Bivona (1838: 6, sub *P. panormitanum*) and *P. tuberculatus* Tenore & Gussone in Tenore (1842: 4, sub *P. tuberculatum*). *Potamogeton panormitanus* is considered as a synonym of *P. pusillus* Linnaeus (1753: 127) (see Parlatore, 1860; Preston 1995; Wiegleb & Kaplan 1998; Garcia-Murillo 2010) and *P. tuberculatus* as a synonym of *P. trichoides* Chamisso & Schlechtendal (1827: 175) (see Parlatore, 1860; Wiegleb & Kaplan 1998; Garcia-Murillo 2010).

### *Potamogeton tuberculatus* Tenore & Gussone in Tenore (1842: 4)

**Lectotype** (designated here):—ITALY. Laghi del Vulture, 14 Luglio 1838, [*M. Tenore et G. Gussone*], s. n. (NAP!, collection Gussone General).

**Isolectotype**:—ITALY. Laghi del Vulture, 14 Luglio 1838, [*M. Tenore et G. Gussone*], s. n. (NAP! collection Gussone General).

### Additional specimens:

In Lacubus Montis Vulturis, s.d., *Tenore*, s. n. (FI! sub *P. tuberculatum*).

Laghi del Vulture, Viaggio al Vulture, 1838, [*M. Tenore et G. Gussone*] (NAP!, collection Tenore, sub *P. verrucosum* Ten. et Guss. [*nom. ined.*]).

The specimen here designated as lectotype has two labels; one is the “representation label” of Gussone (La Valva, 1993), put by the author in the first sheet of a series of specimens representing every taxonomic entities in his collections (General and Sicily). In this label the bibliographic reference to the protologue is reported (Tenore, 1842) together with the note “viaggi al Vulture”. Tenore and Gussone explored Monte Vulture in 1838 (Tenore & Gussone, 1842; 1843) and investigated in particular the Vulture lakes in July (Pasquale, 1871). In the second label of the sheet, data and localities of collections are reported.

As concerning the protologue, in the same year 1842 an offprint of the “*Ragguaglio delle peregrinazioni effettuate nella state del 1838 dai Signori Gussone e Tenore....*” was printed by the “Reale Stamperia” of Naples (see Giacomini, 1962). Anyway, none of the two authors made any mention of this work and, on the contrary, Gussone (1843, 1845) reported Tenore & Gussone (1843) as protologue’s reference, which is posterior to Tenore (1842). According to Parlatore (1860), the name *P. tuberculatus* must be thus considered as published by Tenore (1842).

The specimen considered as isolectotype has only one label, with the same text as the above-cited specimen; it shows a handwriting that can be ascribed to Pasquale, a Neapolitan botanist student and disciple of Gussone, who frequently added date and place of gathering in the duplicates of Gussone Collections (Santangelo *et al.* 2005).

A third specimen is stored in FI and its label is signed by Tenore. However, in the label the collection date is lacking, as the only indicated date refers to the donation of the specimen to the Herbarium Centrale Italicum by Tenore (May 1844). The absence of the date of collection makes it preferable not to consider this specimen as a type, although it may be considered as “original material” (McNeill *et al.* 2012) used by the authors for the species description.

A fourth specimen is stored in the collection Tenore of NAP under the name *Potamogeton verrucosum* Ten. et