

HOMONYMY IN ARTHROSPIRA STIZENB. (OSCILLATORIACEAE)

Francis Drouet

Dr. Paul C. Silva has called my attention to the existence of an earlier homonym of Arthrospira brevis (Kützing) Drouet, "Revision of the Classification of the Oscillatoriaceae" Monographs Acad. Nat. Sci. Philadelphia no. 15, p. 219 (1968). To supplant this later homonym a new name is offered:

Arthrospira NEAPOLITANA (Kützing), COMB. NOV. Oscillatoria neapolitana Kützing [(as "Oscillaria"), Phyc. Gener., p. 185. 1843] ex Gomont, Ann. Sci. Nat. VII. Bot. 16: 229. 1892. O. brevis var. neapolitana Gomont, loc. cit. 1892. Lyngbya tenuis var. neapolitana Hansgirg, Sitzungsber. k. böhm. Ges. Wiss., math.-nat. Cl. 1892: 226. 1893. --TYPE specimen from Italy: Neapel, marina, in herb. Kützing (L).

The earlier homonym is Arthrospira brevis C. C. Wang, Contrib. Biol. Lab. Sci. Soc. China, Bot. Ser. 9(1): 93 (1933). Its original material, "China: floating in a very slowly flowing stream, Nanking, Chu Chia Wang 318, 24 Sept. 1930" (TYPE: UC; duplicates: F, herb. F. Drouet), proves, upon examination, to have all the characteristics of planktonic Microcoleus lyngbyaceus (Kütz.) Crouan.

Original specimens of another Arthrospira, A. pellucidis [sic!] Wang, published on page 92 of the same paper, "China: with Oscillatoria splendida Grev. on a layer of mud floating, Nanking, Wang 398, 26 Apr. 1930" (TYPE: UC; duplicates: F, herb. F. Drouet), appears to me indistinguishable from other material of A. Jenneri (Hass.) Stizenb.

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