

Ulnaria acus (Kütz.) Aboal

in Aboal *et al.*, *Diat. Monogr.* 4: 105 (2003)

Synedra acus Kütz., *Kieselschaligen Bacillarien oder Diatomeen* 68 (1844)

Type locality: Germany

Australian distribution: Qld, N.S.W. (Botany Bay), Vic., Tas., S.A.

Reference: E.J.F.Wood, Studies on Australian and New Zealand diatoms. IV. Descriptions of further sedentary species, *Trans. & Proc. Roy. Soc. New Zealand* 88: 669–698 (1961)

Extra-Australian distribution: Uruguay, Gulf of Mexico, U.S.A., Canada (Ontario), British Isles, Germany, Baltic Sea, Spain, Romania, Black Sea, Turkey, Iran, China, Japan, Hawaiian Islands, New Zealand

Note: Usually in fresh water, rarely brackish