

***Baetis atlanticus* (Soldán and Godunko) (Ephemeroptera: Baetidae): a mayfly new to Ireland**

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In 2017, a new species of mayfly, *Baetis atlanticus*, was discovered in Britain. All investigations to date have indicated how taxonomically similar *Baetis rhodani* and *B. atlanticus* are and how difficult it is to differentiate both species, especially as adults. *Baetis* nymphs collected at 11 river sites in 2017, 2018 and 2019 were used to investigate the occurrence of *B. atlanticus* in Irish rivers. The presence of *B. atlanticus* was confirmed in four rivers examined. The understanding that *B. rhodani* is ubiquitous in rivers is now uncertain. Both species can co-occur, but this study highlighted the presence of only *B. atlanticus* in two rivers, highlighting how our understanding of Baetidae in Irish rivers needs further investigation. Prior to 2019 all 33 species of Baetidae in Ireland were first recorded in the late 1800s. Therefore, this is the first new baetid species discovered and confirmed in Ireland in over 120 years. New paper available in the Irish Naturalist's Journal, 37 (1).

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