

HYDROPTILA JUBA, BONA SPECIES

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Hydroptila juba (Hydroptilidae), described from the island of Tenerife, was considered by BOTOSANEANU (1967: Limnofauna Europaea, p.294) a synonym of H.fortunata Morton. In recent years I have obtained some material from the Canaries which make it clear that two species of the fortunata group exist there. Hydroptila fortunata ♂ is figured in my Atlas of European Trichoptera on p.44. This figure was made from a specimen from Palma. It took me some time to find out that the holotype of H.juba is apparently lost (see the note on p.5 of Trichoptera Newsletter 12). Nevertheless, the drawings by ENDERLEIN in the description show some characters clearly enough to separate it from fortunata, and to convince me that several specimens in my collection must be the same species. A further comparison has shown that the type series of Hydroptila espada from Portugal (Atlas p.44) is the same species. The conclusions are:

1. Hydroptila juba Enderlein 1929 = Hydroptila espada Malicky 1981, NEW SYNONYM.
2. H.juba was found in Tenerife, Fuerteventura, Madeira and Portugal. Material studied: \* Tenerife, Barranco del Rio, 20.12.1983, leg.P.Armitage, 1♂; ° Fuerteventura, El Puertito de los Molinos, 20.4.1986, leg.H.Mendl, 18♂♂, 10♀♀; °Madeira, Poiso-Arieiro, 19.6.1957, leg.Lindberg, 1♂; °Portugal, Porto Espada, 11.5.1976, leg.Terra, 77♂♂, 18♀♀; °Portugal, Rio Alcaide, 23.3.1977, leg.Terra, 1♂.
3. I have seen one true H.fortunata ♂ from Palma, 1889, leg.Simony (coll.Naturhistorisches Museum Wien). Dr.P.Barnard informed me that the specimens of the type series in the BMNH from Gran Canaria, Tenerife and Madeira are the same.
4. Some literature records should be verified because they could refer to either of these two species.

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Paris 1797: Henri Agasse