



Validation of “*Haematococcus privus*” Buchheim, *nom. inval.* (*Haematococcaceae*, *Chlorophyta*)

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The designation “*Haematococcus privus*” Buchheim (in Buchheim & al. 2023) was not validly published because the protologue fails to satisfy ICN Art. 40.7, Turland & al. (2018): “...the single herbarium, collection, or institution in which the type is conserved must be specified”. The required validation is given below:

Haematococcus privus* Buchheim, *sp. nov.

Replaced designation: “*Haematococcus privus*” Buchheim (in Buchheim & al.) *Algae* 38(1): 19, figs 1–10, S1–S7, 2023, *nom. inval.*

Type locality: From a water puddle on a karst, limestone outcrop beneath a canopy of deciduous trees; Tulsa, Oklahoma USA (36°13.217' N, 95°47.914' W).

Holotype: Slide HP136-01, deposited in the Barclay Herbarium housed in the Department of Biological Science, The University of Tulsa, Tulsa, Oklahoma, USA (**TULS**).

Registration: <https://phycobank.org/103913>

Representative illustrations: Buchheim & al. (2023: figs 1–10, S1–S7).

Description: Buchheim & al. (2023: 19).

I thank Wolf-Henning Kusber, Michael Guiry, and Robert Andersen, who kindly alerted me to this issue.

Buchheim, M.A., Silver, A., Johnson, H., Portman, R. & Toomey, M.B. 2023. The description of *Haematococcus privus* sp. nov. (Chlorophyceae, Chlamydomonadales) from North America. *Algae* 38(1):1–22.

Turland, N.J., Wiersema, J.H., Barrie, F.R., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Kusber, W.-H., Li, D.-Z., Marhold, K., May, T.W., McNeill, J., Monro, A.M., Prado, J., Price, M.J. & Smith, G.F., editors (2018). *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code)* adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017. *Regnum Vegetabile*, Vol. 159. pp. [i]–xxxviii, 1–253. Glashütten: Koeltz Botanical Books.