



New names for homonyms in two fossil ostracod genera

Elvis Guillam

► To cite this version:

Elvis Guillam. New names for homonyms in two fossil ostracod genera. Zootaxa, 2024, 5458 (1), pp.149-150. 10.11646/zootaxa.5458.1.11 . hal-04834212

HAL Id: hal-04834212

<https://hal.science/hal-04834212v1>

Submitted on 12 Dec 2024

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

1 **New names for homonyms in two fossil ostracod genera**

2

3 Elvis Guillam¹

4

5 ¹ CR2P, Sorbonne Université–MNHN–CNRS, T46–56, E.5, case 104, 75252 Paris cedex 05,

6 France. elvis.guillam@sorbonne-universite.fr;

7

8 * Corresponding author: elvis.guillam@sorbonne-universite.fr

9

10 Orcid ID

11 <https://orcid.org/0000-0003-4718-3900> (E. GUILLAM)

12 **PHYLUM Arthropoda** Latreille, 1829
13 **SUPERCLASS Oligostraca** Zrzavý, Hypša & Vlášková, 1997
14 **CLASS Ostracoda** Latreille, 1802
15 **ORDER** indet.
16 **SUBORDER** indet.
17 **SUPERFAMILY** indet.
18 **FAMILY** indet.
19 **GENUS *Rozhdestvenskayella* nom. nov.**
20
21 1959 *Ornatella* Rozhdestvenskaya *in* Chibrikova & Rozhdestvenskaya, p. 172–173, pl. 29, figs
22 1a–c.
23
24 **Type-species.** *Ornatella multiplex* Rozhdestvenskaya, 1959 by original designation.
25
26 **Etymology.** The generic epithet refers to A.A Rozhdestvenskaya who first described this genus.
27
28 **Remarks on the homonymy.** *Ornatella* Canu, 1900 was erected as a subgenus of
29 *Membranipora* de Blainville, 1830 for marine bryozoa from the Cenomanian (Cretaceous) of
30 France. It is nowadays accepted as a genus. Subsequently, the genus name *Ornatella* was also
31 proposed by [Rozhdestvenskaya \(1959\)](#) for marine ostracods from the Frasnian (Late Devonian)
32 of the Russian Platform. Herein, I propose to replace the junior homonym *Ornatella*
33 Rozhdestvenskaya, 1959 by the new substitutional name *Rozhdestvenskayella* ([International](#)
34 [Code of Zoological Nomenclature 1999](#), article 60.3).
35
36 **Overview of the *Rozhdestvenskayella* nom. nov. species**

37 Type species: *Rozhdestvenskayella multiplex* (Rozhdestvenskaya, 1959) comb. nov.

38 Original binomen: *Ornatella multiplex* Rozhdestvenskaya, 1959

39 *Rozhdestvenskayella* is currently monotypic.

40

41 ORDER Podocopida Sars, 1866

42 SUBORDER Cypridocopina Jones, 1901

43 SUPERFAMILY Cypridoidea Baird, 1845

44 **FAMILY** indet.

45 **GENUS** *Cuspicypris* nom. nov.

46

47 2021 *Hastacypris* Filho, Fauth & Sames, 2021, p. 16, figs. 6.2A–D.

48

49 **Type-species.** *Hastacypris adamantem* Filho, Fauth & Sames, 2021 by original designation.

50

51 **Etymology.** The generic epithet refers to the latin *cuspis*, "tip", in reference to the elongate
52 outline and pointed posterior end in dorsal view.

53

54 **Remarks on the homonymy.** *Hastacypris* Croneis & Gutke, 1939 was erected for marine
55 ostracods from the Lower Carboniferous (Mississippian) of the Renault Formation, USA. It is
56 still used as an available valid genus name in Ostracoda. Subsequently, the genus name
57 *Hastacypris* was also proposed by [Filho et al. \(2021\)](#) for non-marine ostracods from the
58 Cretaceous (Hauterivian-Aptian) of the Iguatu Basin, Orós Formation, Brazil. Herein, I propose
59 to replace the junior homonym *Hastacypris* Filho, Fauth & Sames, 2021 by the new
60 substitutional name *Cuspicypris* ([International Code of Zoological Nomenclature 1999](#), article
61 60.3).

62

63 **Comparison with *Hastacypris* Croneis & Gutke, 1939.** *Cuspicypris* nom. nov. differs from
64 *Hastacypris* Croneis & Gutke, 1939 by having a less elongated outline, a slightly more rounded
65 posterior end, a more concave ventral border and a maximum length closer to mid-height.

66

67 **Overview of the *Cuspicypris* nom. nov. species**

68 Type species: *Cuspicypris adamantem* (Filho, Fauth & Sames, 2021) comb. nov.

69 Original binomen: *Hastacypris adamantem* Filho, Fauth & Sames, 2021

70 *Cuspicypris* is currently monotypic.

71

72 **Overview of the *Hastacypris* species**

73 Type species: *Hastacypris bradyi* Croneis & Gutke, 1939

74 Original binomen: *Hastacypris bradyi* Croneis & Gutke, 1939

75 Other species: *Hastacypris ovata* Zagora, 1976, *Hastacypris sarsi* Přibyl, 1952

76

77 **Acknowledgments.** I thank Marcos Antonio Batista dos Santos Filho (Universidade do Vale
78 do Rio dos Sinos, São Leopoldo, Brazil), Gerson Fauth (Universidade do Vale do Rio dos Sinos,
79 São Leopoldo, Brazil), Benjamin Sames (University of Vienna, Austria) and Marie-Béatrice
80 Forel (National Museum of Natural History, Paris, France) for their helpful comments. I also
81 thank David Siveter (University of Leicester, United Kingdom) for reviewing this contribution.

82

83 **References**

84 Baird, W. (1845) Arrangement of the British Entomostraca, with a list of species, particularly
85 noticing those which have as yet been discovered within the bounds of the club. *History of*
86 *the Berwickshire Naturalists' Club*, 2, 145–148.

- 87 Canu, M.F. (1900) Révision des Bryozoaires du Crétacé figurés par d'Orbigny. Deuxième partie
88 - Cheilostomata. *Bulletin de la Société géologique de France*, 3 (28), 334–463.
- 89 Croneis, C. & Gutke, R.L. (1939) New ostracodes from the Renault Formation. *Denison*
90 *University Bulletin, Journal of Science Laboratories*, 34, 33–63.
- 91 dos Santos Filho, M.A.B., Fauth, G. & Sames, B. (2021) Lower Cretaceous non-marine
92 ostracods of the Orós Formation, Iguatu basin: Taxonomy and biostratigraphic
93 considerations. *Cretaceous Research*, 118, 104634.
94 <https://doi.org/10.1016/j.cretres.2020.104634>
- 95 de Blainville, H.M. (1830) Zoophytes. In: Levrault F.G (Ed), *Dictionnaire des sciences*
96 *naturelles, dans lequel on traite méthodiquement des différens êtres de la nature, considérés*
97 *soit en eux-mêmes, d'après l'état actuel de nos connaissances, soit relativement à l'utilité*
98 *qu'en peuvent retirer la médecine, l'agriculture, le commerce et les arts*, Le Normant, Paris,
99 60, pp. 295–364.
- 100 International commission of zoological nomenclature. (1999) International Code of Zoological
101 Nomenclature. Fourth Edition. *The International Trust for Zoological Nomenclature*,
102 London, I–XXIX, 1–306.
- 103 Jones, T.R. (1901) On some fossils of Wenlock age from Mulde, near Klinteberg, Gotland.
104 *Annals and Magazine of Natural History*, 7, 141–160.
105 <https://doi.org/10.1080/00222930108678451>
- 106 Latreille, P.A. (1802) *Histoire naturelle, générale et particulière des crustacés et des insectes.*
107 *Familles naturelles des genres. Tome troisième*. L'Imprimerie de F. Dufart, Paris, 467 pp.
108 <https://doi.org/10.5962/bhl.title.15764>
- 109 Rozhdestvenskaya, A.A. (1959) Ostracods of the terrigenous beds of Western Bashkiria and
110 their stratigraphic significance. In: Chibrikova, E.V. & Rozhdestvenskaya, A.A. (Eds),

- 111 *Contributions to the palaeontology and stratigraphy of the Devonian and older deposits of*
112 *Bashkiria*. Ufa USSR: Akad. Nauk SSSR, Bashkir. Fil., Gorno-Geol. Inst., pp. 172–245.
- 113 Sars G.O. (1866) Oversigt af Norges marine ostracoder. *Det Norske Videnskaps-Akademi*
114 *Forhandlinger*, 1–130.
- 115 Zrzavý, J., Hypša, V., & Vlášková, M. (1997) Arthropod phylogeny: taxonomic congruence,
116 total evidence and conditional combination approaches to morphological and molecular data
117 sets. In: Fortey R.A. & Thomas R.H. (Eds), *Arthropod relationships*, Dordrecht: Springer
118 Netherlands, 55, pp. 97–107. https://doi.org/10.1007/978-94-011-4904-4_9