

## **Cerithium harzhauseri nom. nov., a New Replacement Name for Cerithium (Ptychocerithium) Archiaci Vredenburg, 1928, non Cerithium archiaci Hébert and Renevier, 1854 (Mollusca: Gastropoda)**

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# *Cerithium harzhauseri* nom. nov., a new replacement name for *Cerithium* (*Ptychocerithium*) *archiaci* Vredenburg, 1928, non *Cerithium archiaci* Hébert and Renevier, 1854 (Mollusca: Gastropoda)

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During the course of my study of the Cenozoic molluscan faunas in the Indo-West Pacific region, I observed that the cerithiid gastropod *Cerithium* (*Ptychocerithium*) *archiaci* Vredenburg, 1928 (Vredenburg, 1928, p. 356–357) is preoccupied by *Cerithium archiaci* Hébert and Renevier, 1854 (Hébert and Renevier, 1854, p. 183, pl. 1, fig. 8). The former species was described based on “*Cerithium pseudocorrugatum* d’Orb.?” of d’Archiac and Haime (1854, p. 299–300 [pro parte], pl. 28, figs. 5, 5a, 7, 8) from the Lower–Middle Miocene Gaj Formation in western India (currently Pakistan). *C. (P.) archiaci* Vredenburg, 1928 is neither a junior synonym of a certain valid species-group name nor a senior synonym of other available species-group names (Eames, 1950; Harzhauser, 2007). Because *Ptychocerithium* Sacco, 1895 is currently thought to be synonymous with *Cerithium* Bruguière, 1789 (e.g., Houbriek, 1992), I propose a new replacement name *Cerithium harzhauseri* nom. nov. for *C. (P.) archiaci* Vredenburg, 1928. The new name is in honor of Dr. Mathias Harzhauser of the Natural History Museum Vienna.

In addition, there are two other objective homonyms of *Cerithium archiaci* Hébert and Renevier, 1854. The first is *Cerithium archiaci* Piette, 1855 (Piette, 1855, p. 1097) from the Middle Jurassic (Bathonian) in Aisne Department, northern France. Cossmann (1920) considered it to be a junior synonym of *Procerithium konincki* (d’Archiac, 1843), which was originally found in the same locality. The other is *Cerithium* (*Campanile*) *archiaci* Dollfus, 1915 (Dollfus, 1915, p. 30, pl. 2, fig. 808) from the ?Oligocene in Celebes (currently Sulawesi, Indonesia). Cossmann (1920) initially pointed out that this species-group name is preoccupied by *C. archiaci* Piette, 1855; later, he (Cossmann, 1921) pro-

posed the new replacement name *Cerithium gustavei* for *C. (C.) archiaci* Dollfus, 1915. It may be noted that these two species-group names were omitted in a checklist of Cenozoic *Campanile* by Matsubara (2009).

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