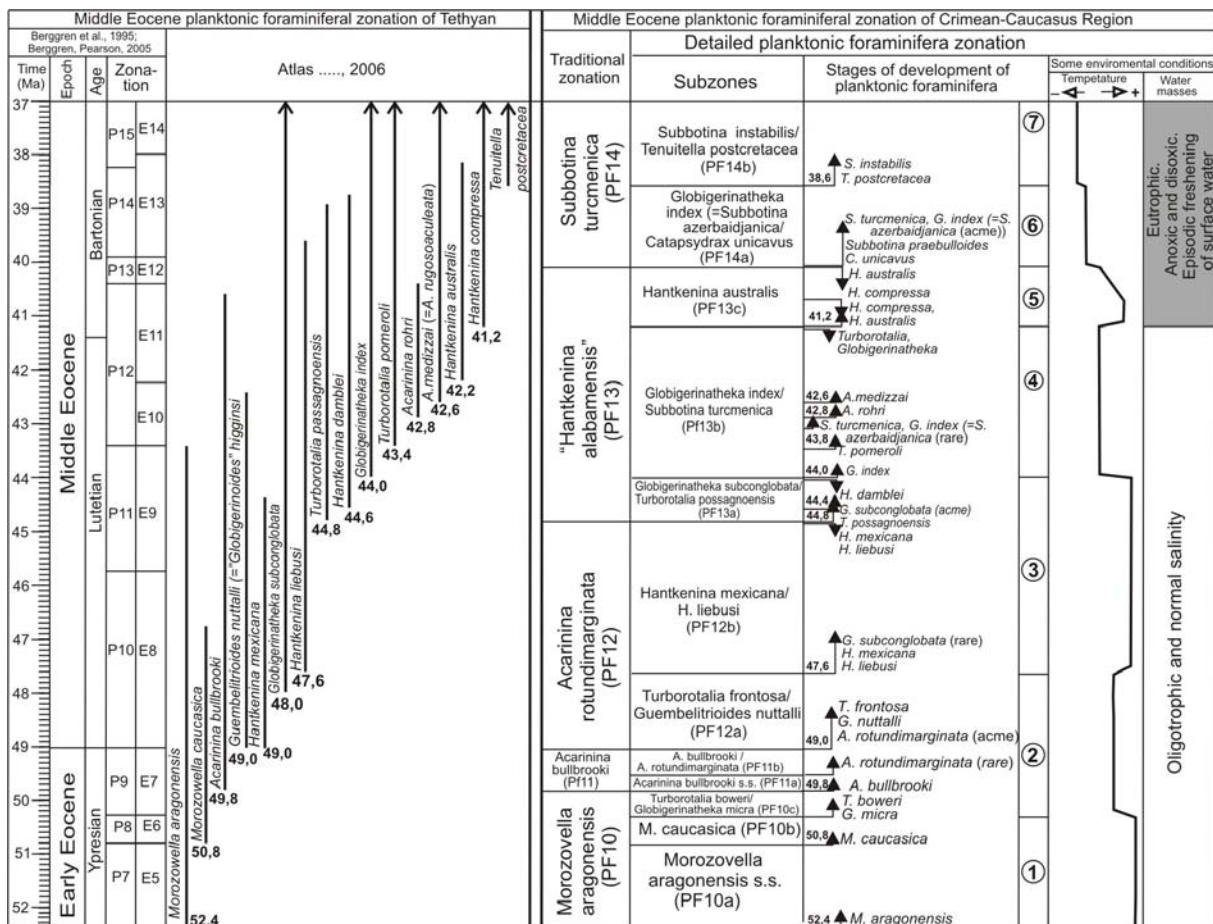


Detailed planktonic foraminiferal zonation of Middle Eocene in Crimean-Caucasus Region of Northeastern Peritethys

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The traditional Middle Eocene zonation in the Crimean-Caucasus Region contains 4 zones (Resolutions..., 1989; Akhmetiev, Benyamovskiy, 2003). The new detailed zonation contains 9 subdivisions ranked as subzones (table). The lower boundaries of the zones are defined on first or last appearances of important for stratigraphy species. In evolution of the planktonic foraminifers in the region 7 stages are recognized. The stages are marked by evolutionary and ecological processes. The similarity, unidirectional evolution and close change of species of fast evolving and dominated planktonic genera in the Crimean-Caucasus Region and Tethys are firm basis for correlation of regional Crimean-Caucasus and international (standard) Tethyan foraminiferal Paleogene zonations. The proposed version of the detailed zonation is result of continuous studies of author on this topic (Benyamovskiy, 2001; Akhmetiev, Benyamovskiy, 2006; Benyamovskiy, 2006; Benyamovskiy, 2009; Zakrevskaya et al., 2011, in press).



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