Supplement

This supplement contains five files.

**File 1.** Systematics of benthic foraminiferal species listed in BENFEP\_v1 following the concepts of the World Foraminifera Database (Hayward et al., 2022).

**File 2.** Original authors´ species designations for the species harmonized in BENFEP\_v1 and indicated in File 1.

**File 3.** Remarks on the harmonization procedure.

**File 4.** Extended explanations about some species.

**File 5**. General suggestions on how to manage BENFEP\_v1\_short in R.