

Table S1: Core number, latitude, longitude and water depth for the multi cores used for the analysis of recent benthic foraminifera distribution.

Core	Dig. Long.	Dig. Lat.	Water depth [m]
GeoB 10701-4	17.467	40.000	1187
GeoB 10702-3	17.588	40.000	910
GeoB 10703-3	17.747	40.000	273
GeoB 10704-3	17.833	40.000	215
GeoB 10705-3	17.921	39.856	124
GeoB 10706-3	17.834	39.831	214
GeoB 10707-4	17.583	39.783	1599
GeoB 10708-3	17.744	39.814	682
GeoB 10709-4	17.899	39.761	173.3
GeoB 10711-3	17.811	39.683	1045
GeoB 10712-3	17.869	39.733	614
GeoB 10713-3	18.284	39.698	123
GeoB 10714-3	18.283	39.645	202
GeoB 10715-3	18.294	39.564	693
GeoB 10716-3	18.284	39.353	1325
GeoB 10730-3	17.050	41.511	179
GeoB 10731-3	16.664	41.511	93
GeoB 10732-3	16.413	41.500	46.5
GeoB 10733-3	16.229	41.500	18.3
GeoB 10735-3	17.314	41.500	730
GeoB 10746-4	16.764	39.914	153
GeoB 15403-6	17.899	39.765	169
GeoB 15406-5	17.844	39.831	214
GeoB 15409-4	15.267	42.327	128
GeoB 15410-4	14.814	42.261	59
GeoB 15411-3	13.905	43.330	17
GeoB 15412-5	14.380	43.375	86
GeoB 15413-3	12.750	44.761	30
GeoB 15415-5	13.260	43.847	17
GeoB 15416-2	13.811	43.767	67
GeoB 15417-6	14.801	42.750	196
GeoB 15418-4	14.263	42.600	45
GeoB 15419-4	15.797	42.036	42
GeoB 15420-2	16.000	42.167	110
GeoB 15421-4	16.413	41.500	46
GeoB 17201-3	16.400	41.505	46
GeoB 17203-3	15.172	42.022	37
GeoB 17206-4	14.099	43.350	66
GeoB 17207-6	13.800	43.367	12
GeoB 17210-3	13.291	43.900	49
GeoB 17211-6	13.200	43.822	14
GeoB 17235-1	17.683	40.133	188
GeoB 17236-1	17.470	40.209	207

Table S2. Grouping of benthic foraminifera according to their environmental preferences after Gupta (2002), Jorissen et al. (1995), Jorissen et al. (2007), Murray (2006) and references therein.

Epifaunal Benthic Foraminifera (EBF)	Shallow to Intermediate Infaunal Benthic Foraminifera (SIIBF)	Deep Infaunal Benthic Foraminifera (DIBF)
<i>Adelosina</i> spp. <i>Affinterina</i> spp. <i>Articulina mucronata</i> <i>Biloculina</i> spp. <i>Cibicides</i> spp. <i>Cornuspira</i> spp. <i>Cycloforina</i> spp. <i>Eponides</i> spp. <i>Miliolinella</i> spp. <i>Lachlanella</i> spp. <i>Nummoloculina</i> spp <i>Nubecularia</i> spp. <i>Peneroplis pertusus</i> <i>Plandiscorbis rarescens</i> <i>Planorbulina mediterraneensis</i> <i>Planulina ariminensis</i> <i>Planorbulina</i> sp. <i>Pseudotriloculina</i> sp1. <i>Pyrgo</i> spp. <i>Quinqueloculina</i> spp. <i>Sigmoilina</i> spp. <i>Siphonaperta</i> spp. <i>Spiroloculina</i> spp. <i>Spirophthalmidium</i> spp. <i>Triloculina</i> spp. <i>Trisegmentina compressa</i>	<i>Brizalina</i> spp. <i>Bolivina</i> spp. <i>Bulimina</i> spp. <i>Cassidulina</i> spp. <i>Globocassidulina subglobosa</i> <i>Melonis</i> spp. <i>Pullenia</i> spp. <i>Rectuvigerina</i> spp. <i>Uvigerina</i> spp.	<i>Chilostomella oolina</i> <i>Fursenkoina</i> spp. <i>Globobulimina</i> spp. <i>Stainforthia</i> spp.

References

- Gupta, B. K. S.: Modern foraminifera, Springer, 2002.
- Jorissen, F., Fontanier, C., and Thomas, E.: Paleooceanographical Proxies Based on Deep-Sea Benthic Foraminiferal Assemblage Characteristics, 1 (07), doi: 10.1016, S1572-5480 (07), 01012-01013, 2007.
- Jorissen, F. J., de Stigter, H. C., and Widmark, J. G.: A conceptual model explaining benthic foraminiferal microhabitats, Marine micropaleontology, 26, 3-15, 1995.
- Murray, J. W.: Ecology and applications of benthic foraminifera, Cambridge University Press, 2006.