

B Expedition 356 preliminary benthic foraminifer assemblage descriptions

Assemblage	Sites found	Paleodepth estimate*	Common dominant species (in rough abundance order)
1	U1459, U1461, U1562, U1463, and U1464	Inner to outer shelf (0 to 150 m)	<i>Quinqueloculina</i> spp., <i>Textularia</i> spp., <i>Sahulia barkeri</i> , <i>Triloculina</i> spp., <i>Sagrinella jugosa</i> , <i>Discorbinella</i> spp., <i>Amphistegina</i> spp., <i>Cibicidoides</i> spp., and <i>Operculina</i> spp.
2	U1460	Middle shelf to upper bathyal (50 to >400 m)	<i>Uvigerina peregrina</i> , <i>Siphogenerina</i> spp., <i>Cibicidoides</i> spp., and <i>Miliolina</i> spp.
3	U1462	Inner to outer shelf (0 to 150 m)	<i>Operculina</i> spp., <i>Cibicidoides</i> spp., <i>Elphidium</i> spp., <i>Ammonia</i> spp., and <i>Discorbinella</i> spp.
4	U1463	Inner to middle shelf (0 to 100 m)	<i>Operculina</i> spp. and <i>Amphistegina</i> spp.
5	U1459, U1460, U1461, U1462, and U1463	Inner to outer shelf (0 to 150 m)	<i>Cibicidoides</i> spp., <i>Bolivina</i> spp., <i>Brizalina</i> spp., <i>Discorbinella</i> spp., <i>Melonis</i> spp., <i>Amphistegina</i> spp., and <i>Elphidium</i> spp.
6	U1462	Middle to outer shelf (50 to 150 m)	<i>Lenticulina</i> spp., <i>Brizalina</i> spp., <i>Bolivina</i> spp., and <i>Cibicidoides</i> spp.
7	U1460 and U1462	Middle to outer shelf (50 to 150 m)	<i>Siphogenerina raphana</i> , <i>Bolivina</i> spp., and <i>Brizalina</i> spp.
8	U1461, U1462, U1463, and U1464	Middle shelf to upper bathyal (50 to >400 m)	<i>Lenticulina</i> spp., <i>Neoepionides</i> spp., <i>Pseudorotalia</i> spp., <i>Textularia</i> spp., <i>Planorbulinella larvata</i> , <i>Clavulina subangularis</i> , <i>Elphidium</i> spp., <i>Bolivina</i> spp., <i>Cibicidoides</i> spp., and <i>Rotalinoides</i> spp.
9	U1463 and U1464	Inner to middle shelf (0 to 100 m)	<i>Amphistegina</i> spp., <i>Operculina</i> spp., <i>Elphidium craticulatum</i> , <i>Planorbulinella</i> spp., and <i>Sphaerogypsina</i> spp.
10	U1463 and U1464	Middle shelf to upper bathyal (50 to >400 m)	<i>Cibicidoides</i> spp., <i>Elphidium</i> spp., <i>Amphistegina</i> spp., <i>Operculina</i> spp., <i>Anomalinoides</i> spp., <i>Borelis</i> spp., <i>Nephrolepidina</i> spp., and <i>Tribiolepidina</i> spp.
11	U1459, U1460, U1461, and U1462	Outer shelf to upper bathyal (100 to >400 m)	<i>Uvigerina peregrina</i> , <i>Bolivina</i> spp., <i>Brizalina</i> spp., <i>Heterolepa</i> spp., <i>Cibicidoides</i> spp., and <i>Laevidentalina</i> spp.
12	U1459, U1460, and U1461	Inner shelf to upper bathyal (0 to >400 m)	<i>Cibicidoides</i> spp. with only one or two other species (preservation is always poor)

* Please note that paleodepth ranges are for ALL encountered taxa, including those likely transported from more shallow depths.