

Lith. unit	Subunit	Top depth (mbsf)	Base depth (mbsf)	Collective aquatic microfossil assemblage	Components of microfossil assemblage as of the OSP	Inferred dominant vegetation
1	1	0	20.78	Marine assemblage	Calcareous nannofossils, benthic foraminifers, dinoflagellate cysts, green algae coenobia and spores, foraminifer test linings, terrestrial and aquatic pollen and spores, and fungal remains	Mediterranean sclerophyllous (top horizon)
	2	20.78	94.14	Dominantly a mixed assemblage with some undetermined and nonmarine assemblages	Calcareous nannofossils, nonmarine diatoms, dinoflagellate cysts, green algae coenobia and spores, terrestrial and aquatic pollen and spores, and fungal remains	Mixed deciduous forest
	3	94.14	122.16	Dominantly a marine assemblage with few undetermined intervals	Calcareous nannofossils, planktonic and benthic foraminifers, marine diatoms and other siliceous marine microfossils, dinoflagellate cysts, green algae coenobia and spores, terrestrial pollen and spores, and fungal remains	Mixed deciduous forest
	4	122.16	180.14	Dominantly an undetermined assemblage with one marine sample, one nonmarine sample, and some mixed assemblages	Dinoflagellate cysts combined with low concentrations of calcareous nannofossils, marine and nonmarine diatoms, planktonic and benthic foraminifers, terrestrial pollen and spores, and fungal remains	Open/meadow vegetation
	5	180.14	188.18	Marine assemblage	Calcareous nannofossils, planktonic and benthic foraminifers, and marine diatoms	
	6	188.18	199.14	Dominantly an undetermined assemblage with one mixed assemblage sample	Low concentrations of benthic and planktonic foraminifers, calcareous nannofossils, and nonmarine diatoms	
	7	199.14	206.40	Dominantly a marine assemblage with one undetermined sample	Calcareous nannofossils, planktonic and benthic foraminifers, marine diatoms and other siliceous microfossils, dinoflagellate cysts, green algae coenobia and spores, terrestrial and aquatic pollen and spores, and fungal remains	Mixed deciduous forest
	8	206.40	236.18	Dominantly an undetermined assemblage with one marine sample	Dinoflagellate cysts, green algae coenobia and spores, and foraminifer test linings combined with low concentrations of planktonic and benthic foraminifers, calcareous nannofossils, and nonmarine diatoms, terrestrial and aquatic pollen and spores, and fungal remains	Grassland
	9	236.18	260.70	Dominantly a marine assemblage with one undetermined sample	Calcareous nannofossils, planktonic and benthic foraminifers, marine diatoms, and other siliceous microfossils	
	10	260.70	287.12	Dominantly an undetermined assemblage with one mixed assemblage sample	Dinoflagellate cysts, green algae coenobia and spores, and nonmarine diatoms combined with low concentrations of calcareous nannofossils, benthic and planktonic foraminifers, terrestrial pollen and spores, and fungal remains	Grassland
	11	287.12	298.84	Dominantly a marine assemblage with two undetermined intervals	Calcareous nannofossils, benthic and planktonic foraminifers, dinoflagellate cysts, green algae coenobia and spores, foraminifer test linings, terrestrial pollen and spores, and fungal remains	Mixed deciduous forest
	12	298.84	322.35	Undetermined microfossil assemblage	Dinoflagellate cysts with low concentrations of calcareous nannofossils, planktonic and benthic foraminifers, and terrestrial pollen and spores	
	13	322.35	334.40	Dominantly a marine assemblage with one undetermined interval	Calcareous nannofossils, benthic foraminifers, dinoflagellate cysts, green algae coenobia and spores, and foraminifer test linings combined with low concentrations of marine diatoms and other siliceous microfossils, and terrestrial and aquatic pollen and spores	Mixed deciduous forest
	14	334.40	366.49	Undetermined assemblage with one nonmarine interval	One nonmarine diatom bloom with low concentrations of calcareous nannofossils, marine diatoms, planktonic and benthic foraminifers, dinoflagellate cysts, and terrestrial pollen and spores	
	15	366.49	369.66	Marine assemblage	Calcareous nannofossils, benthic and planktonic foraminifers, marine diatoms, and other siliceous microfossils	
	16	369.66	385.14	Undetermined assemblage	Low concentrations of calcareous nannofossils, nonmarine diatoms, benthic and planktonic foraminifers, and terrestrial and aquatic palynomorphs	Open/meadow vegetation
2		385.14	610.43	Dominantly undetermined assemblages with intervals of nonmarine and brackish assemblages, and one marine sample	Nonmarine diatoms, dinoflagellate cysts, green algae coenobia and spores, foraminifer test linings, and terrestrial pollen and spores	Intervals with open-meadow vegetation, <i>Cedrus</i> forest, and mixed deciduous forest