

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	6.24	Marine assemblage	Calcareous nannofossils, planktonic and benthic foraminifers, and terrestrial and aquatic palynomorphs	
	2	6.24	22.83	Dominantly an undetermined microfossil assemblage with one nonmarine sample	Nonmarine diatoms combined with low concentrations of calcareous nannofossils, planktonic and benthic foraminifers, and terrestrial and aquatic palynomorphs	
	3	22.83	35.80	Dominantly a marine assemblage with a few barren samples	Calcareous nannofossils, planktonic and benthic foraminifers, dinoflagellate cysts, and foraminifer test linings with low concentrations of marine diatoms, other siliceous microfossils, and terrestrial and aquatic pollen and spores	Mixed deciduous forest
	4	35.80	55.70	Undetermined microfossil assemblage	Low concentrations of planktonic and benthic foraminifers	
	5	55.70	66.16	Dominantly an undetermined microfossil assemblage with one undetermined sample	Calcareous nannofossils and planktonic and benthic foraminifers	
	6	66.16	83.11	Dominantly an undetermined assemblage with some barren samples	Low concentrations of calcareous nannofossils and benthic foraminifers	
	7	83.11	89.20	Marine assemblage	Calcareous nannofossils and planktonic and benthic foraminifers	
	8	89.20	103.10	Undetermined microfossil assemblage	Low concentrations of calcareous nannofossils, benthic foraminifers, and nonmarine diatoms	
	9	103.10	110.40	Marine assemblage	Calcareous nannofossils, planktonic and benthic foraminifers, dinoflagellate cysts, foraminifer test linings, and terrestrial pollen	Mixed deciduous forest
	10	110.40	130.92	Dominantly a nonmarine microfossil assemblage with some mixed and undetermined assemblages	Nonmarine diatoms combined with low concentrations of calcareous nannofossils and planktonic and benthic foraminifers	
	11	130.92	136.96	Marine assemblage	Calcareous nannofossils, marine diatoms, and benthic foraminifers	
2	1	136.96	164.05	Dominantly a nonmarine microfossil assemblage with some undetermined assemblages	Nonmarine diatoms, dinoflagellate cysts, and foraminifer test linings combined with low concentrations of benthic foraminifers, terrestrial and aquatic pollen and spores, and fungal remains	Mixed deciduous forest
	2	164.05	169.13	Marine/Brackish assemblage	Brackish and nonmarine diatoms, benthic foraminifers, dinoflagellate cysts, green algae coenobia and spores, foraminifer test linings, and terrestrial and aquatic pollen and spores	Mixed deciduous forest
	3	169.13	218.22	Dominantly a nonmarine microfossil assemblage with some undetermined assemblages	Nonmarine diatoms, green algae coenobia and spores, terrestrial and aquatic pollen and spores, fungal remains, and other siliceous microfossils	Mixed deciduous forest
	4	218.22	241.41	Undetermined microfossil assemblage	Near absence of all microfossils	
	5	241.41	256.85	Dominantly an undetermined microfossil assemblage with some marine samples	Low concentrations of benthic foraminifers	
3	1	256.85	350.79	Undetermined microfossil assemblage	Terrestrial and aquatic pollen and spores	Cedrus forest
	2	350.79	443.89			
	3	443.89	458.40			
4	1	458.40	502.01	Dominantly an undetermined microfossil assemblage with three potentially marine samples	Low concentrations of calcareous nannofossils and bad preservation of palynomorphs	
	2	502.01	525.14	Undetermined microfossil assemblage	Low concentrations of benthic foraminifers	
	3	525.14	534.20	Barren	Barren	