

Table S4.

	Occurrence - Uninformative		Occurrence - Informative		Range - Uninformative		Range - Informative	
	Post. median	95% C.I.	Post. median	95% C.I.	Post. median	95% C.I.	Post. median	95% C.I.
Bio1 - Mean annual T	17.4	15.8 – 19	17.3	15.7 – 19	18.5	16.6 – 20.4	18.4	16.5 – 20.2
Bio2 - Mean diurnal range of T	10.5	10.1 – 10.9	10.5	10 – 10.9	11.4	10.9 – 11.8	11.3	10.9 – 11.8
Bio3 - Isothermality	50.3	47.8 – 52.9	50.2	47.7 – 52.8	54.2	51.2 – 57.1	54.1	51.2 – 57
Bio4 - T seasonality	465	407 – 526	467	405 – 531	449	376 – 522	451	381 – 522
Bio5 - Max T of warmest month	28.8	27.8 – 30	28.8	27.6 – 29.9	30	28.8 – 31.2	30	28.8 – 31.2
Bio6 - Min T of coldest month	5.5	3.3 – 7.7	5.4	3.2 – 7.7	6.4	3.8 – 9.1	6.3	3.7 – 8.9
Bio7 - Mean annual range of T	23.3	21.7 – 25.1	23.3	21.7 – 25.2	23.7	21.7 – 25.5	23.7	21.8 – 25.5
Bio8 - Mean T of wettest quarter	18.7	17.5 – 20	18.7	17.4 – 20	18.6	17.2 – 20.3	18.6	17 – 20.3
Bio9 - Mean T of driest quarter	16.4	14.3 – 18.7	16.4	14.1 – 18.6	18.9	16.3 – 21.4	18.9	16.3 – 21.1
Bio10 - Mean T of warmest quarter	22.9	22 – 24.1	22.9	21.8 – 23.9	23.9	22.8 – 25.1	23.8	22.7 – 25
Bio11 - Mean T of coldest quarter	11.6	9.4 – 13.8	11.5	9.3 – 13.8	13	10.5 – 15.7	13	10.3 – 15.5
Bio12 - Mean annual precipitation	1384	1287 – 1470	1382	1287 – 1473	1354	1252 – 1460	1349	1247 – 1457
Bio13 - Precipitation of wettest month	238	221 – 255	237	220 – 254	219	199 – 238	218	199 – 239
Bio14 - Precipitation of driest month	34	29 – 39	34	29 – 39	38	32 – 44	38	33 – 44
Bio15 - Precipitation seasonality	72.2	66.9 – 77	71.5	66.6 – 76.7	62.1	56.8 – 68.2	61.8	56.3 – 67.7
Bio16 - Precipitation of wettest quarter	641	599 – 682	639	593 – 680	595	545 – 644	591	540 – 642
Bio17 - Precipitation of driest quarter	119	102 – 136	120	102 – 137	134	115 – 152	135	115 – 152
Bio18 - Precipitation of warmest quarter	404	375 – 432	405	378 – 434	338	303 – 371	338	302 – 375
Bio19 - Precipitation of coldest quarter	270	240 – 298	270	240 – 295	280	240 – 319	280	233 – 319
MODIS LAI	1.62	1.45 – 1.79	1.62	1.45 – 1.78	1.94	1.74 – 2.14	1.92	1.74 – 2.12
MODIS FPAR	0.68	0.63 – 0.74	0.68	0.63 – 0.74	0.76	0.69 – 0.82	0.75	0.68 – 0.82
Simard Vegetation height	12.2	10.7 – 13.7	12.1	10.8 – 13.7	12.7	11.1 – 14.7	12.7	11 – 14.4

Summary statistics for environmental variables under various assumptions for the pre-EECO early Eocene locality Level O.