

SUPPLEMENTAL DATA 1—Individual carbon and oxygen isotope values for early Oligocene Fayum specimens analyzed in this study. Upper and lower case letters denote teeth from the upper and lower dentition.

Species	Museum Specimen #	Tooth Position	$\delta^{13}\text{C}$ (VPDB, ‰)	$\delta^{18}\text{O}$ (VSMOW, ‰)
Anthracotheriidae				
<i>Bothriogenys gorringeri</i>	UCMP 41490	m3	-10.8	23.6
<i>Bothriogenys gorringeri</i>	UCMP 41494	M3	-10.9	27.9
<i>Bothriogenys gorringeri</i>	UCMP 41568	M3	-10.8	27.5
<i>Bothriogenys gorringeri</i>	UCMP 41492	M3	-12.2	27.1
<i>Bothriogenys gorringeri</i>	UCMP 41489	m3	-11.2	25.1
<i>Bothriogenys gorringeri</i>	UCMP 41601	m3	-11.7	25.7
<i>Bothriogenys gorringeri.</i>	UCMP 41491	m3	-11.5	26.6
<i>Bothriogenys gorringeri</i>	UCMP 21830	m3	-11.0	28.1
<i>Bothriogenys gorringeri</i>	UCMP 41493	m3	-9.8	27.9
<i>Bothriogenys gorringeri</i>	UCMP 41372	m3	-10.6	28.9
Proboscidea				
<i>Moeritherium trigodon.</i>	UCMP 21803	M3	-9.4	27.1
<i>Moeritherium trigodon</i>	UCMP 137150	m3	-10.0	28.6
<i>Moeritherium lyonsi</i>	UM 97541	m3	-9.0	27.2
<i>Moeritherium trigodon</i>	AMNH 13431	M3	-10.4	25.5
<i>Moeritherium trigodon</i>	AMNH 13444	M3	-10.0	27.3
<i>Phiomia serridens</i>	UCMP 12207	M3	-8.3	32.0
<i>Phiomia serridens</i>	UCMP 21806	M3	-7.9	29.4
<i>Phiomia serridens</i>	AMNH 13454	M3	-10.7	32.0
<i>Phiomia serridens</i>	AMNH 13456	M3	-10.2	29.7
<i>Phiomia serridens</i>	UCMP 28805	M3	-9.7	31.5
<i>Phiomia serridens</i>	AMNH 2583 D	M3	-9.0	30.6
<i>Phiomia serridens</i>	AMNH 2584 E	M3	-10.7	31.9
<i>Phiomia serridens</i>	AMNH 2584 P	M3	-10.5	31.6
<i>Phiomia serridens</i>	AMNH 2584 O	M3	-10.0	31.7
<i>Phiomia serridens</i>	AMNH 2584 N	M3	-10.3	32.6
<i>Phiomia serridens</i>	AMNH 2584 A	M3	-10.3	30.5
<i>Phiomia serridens</i>	AMNH 98677	M3	-10.3	29.6
<i>Palaeomastodon beadnelli</i>	UCMP 28806	M3	-10.6	31.2
<i>Palaeomastodon beadnelli</i>	UCMP 28808	M3	-10.0	29.2
<i>Palaeomastodon beadnelli</i>	UCMP 93083	M2	-10.2	33.7
Embrithopoda				
<i>Arsinoitherium</i> sp.	UCMP 41382	M1	-9.3	30.5
<i>Arsinoitherium</i> sp.	UCMP 41388	Mx	-11.3	28.6
<i>Arsinoitherium</i> sp.	UCMP 41462	Mx	-11.4	27.0
<i>Arsinoitherium</i> sp.	UCMP 41385	Mx	-10.7	28.6
<i>Arsinoitherium</i> sp.	UCMP 41507	Mx	-10.6	28.3
<i>Arsinoitherium</i> sp.	UCMP 41469	Mx	-10.6	28.5
<i>Arsinoitherium</i> sp.	UCMP 41384	Mx	-10.4	30.0
<i>Arsinoitherium</i> sp.	UCMP 62221	M3	-10.3	29.2
Hyracoidea				
<i>Saghatherium antiquum</i>	UCMP 41556	m2	-10.3	30.0
<i>Saghatherium antiquum</i>	UCMP 41554	m3	-11.1	28.4
<i>Saghatherium antiquum</i>	UCMP 41553	M3	-12.8	25.9
<i>Saghatherium antiquum</i>	UCMP 86102	M3	-12.8	24.9
<i>Megalohyrax</i> sp.	UCMP 41561	M3	-12.1	26.6
<i>Geniohyus</i> sp.	UCMP 41497	M3	-10.8	31.6