

Supporting Information – Appendix

OVERKILL, GLACIAL HISTORY, AND THE EXTINCTION
OF NORTH AMERICA’S ICE AGE MEGAFUNA

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Table S1: North American extinct genera, and currently accepted species within those genera, with the North American Land Mammal Age(s) of their first and last appearances. Taxa in shaded rows went extinct during the Pleistocene, but before the Rancholabrean.

Genus	Species	First appearance	Last appearance	References
<i>Pampatherium</i>	<i>P. cf. mexicanum</i>	?	Rancholabrean	1, 2
<i>Holmesina</i>	<i>H. floridanus</i>	Blancan	Irvingtonian	3–5
	<i>H. septentrionalis</i>	Irvingtonian	Rancholabrean	
<i>Glyptotherium</i>	<i>G. texanum</i>	Blancan	Irvingtonian	2, 6, 7
	<i>G. cylindricum</i>	Rancholabrean	Rancholabrean	
<i>Megalonyx</i>	<i>M. leptostomus</i>	Blancan	Blancan?	3, 8–11
	<i>M. wheatleyi</i>	Blancan	Irvingtonian	
	<i>M. jeffersonii</i>	Rancholabrean	Rancholabrean	
<i>Eremotherium</i>	<i>E. eomigrans</i>	Blancan	Blancan	12
	<i>E. laurillardi</i>	Rancholabrean	Rancholabrean	
<i>Nothrotheriops</i>	<i>N. texana</i>	Irvingtonian	Irvingtonian	3, 11, 13
	<i>N. shastensis</i>	Irvingtonian	Rancholabrean	
<i>Paramylodon</i>	<i>cf. P. garbanii</i>	Blancan	Blancan	3, 14, 15
	<i>P. harlani</i>	Blancan	Rancholabrean	
<i>Brachyprotoma</i>	<i>B. obtusata</i>	Irvingtonian	Rancholabrean	16
<i>Cuon</i>	<i>C. alpinus</i>	?	Rancholabrean	17
<i>Tremarctos</i>	<i>T. floridanus</i>	?	Rancholabrean	18
<i>Arctodus</i>	<i>A. pristinus</i>	Blancan	Irvingtonian	3, 18–20
	<i>A. simus</i>	?	Rancholabrean	
<i>Smilodon</i>	<i>S. gracilis</i>	Blancan	Irvingtonian	21–24
	<i>S. fatalis</i>	Irvingtonian	Rancholabrean	
<i>Homotherium</i>	<i>H. serum</i>	Rancholabrean	Rancholabrean	3, 22, 24, 25
	<i>H. ischyryus</i>	Blancan	Blancan	
<i>Miracinonyx</i>	<i>M. inexpectatus</i>	Blancan	Irvingtonian	3, 21, 26, 27
	<i>M. trumani</i>	Rancholabrean	Rancholabrean	
<i>Castoroides</i>	<i>C. leiseyorum</i>	Irvingtonian	Irvingtonian?	28, 29

	<i>C. ohioensis</i>	Irvingtonian	Rancholabrean	
	<i>C. dilophidus</i>	Irvingtonian	Rancholabrean	
<i>Hydrochoerus</i>	<i>H. holmesi</i>	Blancan	Rancholabrean	30
<i>Neochoerus</i>	<i>N. pinckneyi</i>	Blancan	Rancholabrean	30
<i>Aztlanolagus</i>	<i>A. agilis</i>	Blancan	Rancholabrean	3, 31, 32
<i>Equus</i>	<i>E. scotti</i>	Irvingtonian	Rancholabrean	33, 34
	<i>E. conversidens</i>	Irvingtonian	Rancholabrean	
	<i>E. occidentalis</i>	Irvingtonian	Rancholabrean	
<i>Haringtonhippus</i>	<i>H. francisci</i>	Irvingtonian	Rancholabrean	33, 35
<i>Tapirus</i>	<i>T. haysii</i>	Blancan	Irvingtonian	3, 36
	<i>T. lundeliusi</i>	Blancan	Irvingtonian	
	<i>T. veroensis</i>	Irvingtonian	Rancholabrean	
<i>Mylohyus</i>	<i>M. nasutus</i>	Irvingtonian	Rancholabrean	3, 37
<i>Platygonus</i>	<i>P. bicalcaratus</i>	Blancan	Blancan	3, 37–39
	<i>P. texanus</i>	Blancan	Blancan	
	<i>P. pearcei</i>	Blancan	Blancan	
	<i>P. vetus</i>	Blancan	Irvingtonian	
	<i>P. compressus</i>	Rancholabrean	Rancholabrean	
<i>Camelops</i>	<i>C. minidokae</i>	Irvingtonian	Irvingtonian	3, 38, 40, 41
	<i>C. hesternus</i>	Irvingtonian	Rancholabrean	
<i>Hemiauchenia</i>	<i>H. gracilis</i>	Blancan	Blancan	3, 38, 41, 42
	<i>H. macrocephala</i>	Blancan	Rancholabrean	
<i>Paleolama</i>	<i>P. mirifica</i>	Blancan	Rancholabrean	3, 41
<i>Navahoceros</i>	<i>N. fricki</i>	Irvingtonian	Rancholabrean	3, 38, 43
<i>Cervalces</i>	<i>C. roosevelti</i>	?	?	44, 45
	<i>C. scotti</i>	Rancholabrean	Rancholabrean	
<i>Capromeryx</i>	<i>C. arizonensis</i>	Blancan	Irvingtonian	3, 43, 46–48
	<i>C. tauntonensis</i>	Blancan	Rancholabrean	
	<i>C. furcifer (minor)</i>	Irvingtonian	Rancholabrean	
<i>Tetrameryx</i>	<i>T. irvingtonensis</i>	Irvingtonian	Irvingtonian	3
	<i>T. shuleri</i>	Irvingtonian	Rancholabrean	
<i>Stockoceros</i>	<i>S. onusrosagris</i>	Irvingtonian	Rancholabrean	38, 43
<i>Saiga</i>	<i>S. tatarica</i>	Rancholabrean	Rancholabrean	3
<i>Euceratherium</i>	<i>E. collinum</i>	Irvingtonian	Rancholabrean	49, 50
<i>Bootherium</i>	<i>B. bombifrons</i>	Rancholabrean	Rancholabrean	49
<i>Mixotoxodon</i>	<i>M. cf. laensis</i>	Rancholabrean	Rancholabrean	51
<i>Cuvieronius</i>	<i>C. hyodon</i>	Irvingtonian	Rancholabrean	3, 52
<i>Mammut</i>	<i>M. americanum</i>	Blancan	Rancholabrean	3
	<i>M. pacificus</i>	Irvingtonian	Rancholabrean	53
<i>Mammuthus</i>	<i>M. trongontherii</i>	Irvingtonian	Rancholabrean	54–56

	<i>M. primigenius</i>	Irvingtonian	Rancholabrean	
	<i>M. columbi</i>	Irvingtonian	Rancholabrean	

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