

*“Taking Count: A Census of Dinosaur Fossils Recovered
from the Hell Creek and Lance Formations (Maastrichtian)*
(Appendixes)

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APPENDIX I.

2017-2018 Census of Dinosaur Remains Recovered From the Hell Creek and Lance Formations

This list includes only specimens of dinosaur bones or teeth from known sources, databases, or first hand knowledge. It does not include casts. It does not include specimens from other organisms like turtles, crocodiles, mammals, fish, etc.. It does not include any specimens recovered from the Laramie, Denver, Frenchman, Harebell, Ferris, Evanston or any other Latest Mastrichtian rock units. It does not include isolated elements or teeth that are currently for sale or specimens in lesser known private collections. All data herein should be considered the minimum number of specimens, not the actual. The actual numbers of collected specimens are likely considerably higher.

+ = number is most likely higher

++ = number is most likely much, much higher

S = associated or articulated skeletons and/or skulls (fragmentary to complete) B = isolated bones T = teeth

N/A = Not applicable or data not available at present

* this institution has none from the Hell Creek or Lance Formations, but does have specimens from Laramie, Denver, Harebell, Ferris, Frenchman or equivalent Formations.

I. PUBLIC MUSEUMS, INSTITUTIONS and UNIVERSITIES:

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B
1	American Museum of Natural History (AMNH)	12+	33	5++	14	21	16++	4	4	66++	2	2	20+	2	0	++	0	11	505++	2	12	++	1	2	N/A	0	0	N/A	0	1	79++	0	42	1.5 K+	37+/-	2,319+
2	Academy of Natural Sciences-Drexel (ANSP)	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	<100
3	Boston Museum of Science (BMNS)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	1	0
4	Brigham Young University (BYU)	2+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2+	N/A
5	Burke Museum (UWBM)	16+	115	1.5 k+	3	81	134	2	7	0	0	2	11	0	10	10	0	0	0	2	13	66	0	5	N/A	1?	1	N/A	0	0	21	0	13	176	24+/-	2,205+
6	Burpee Museum (BMNH)	6	N/A	N/A	2	N/A	N/A	1	N/A	N/A	0	2+	N/A	0	N/A	N/A	0	N/A	N/A	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	12+	N/A++

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T
7	<i>Carnegie Museum of Natural History (CMNH)</i>	5+	25+	3+	2+	56+	18+	2	1	1	0	1	0	0	0	0	0	0	0	2	2	0	0	4	N/A	2	0	N/A	0	4	8+	0	5	2+	13+	130++
8	<i>The Children's Museum of Indianapolis (TCMI)</i>	2	8		0+	1,324		0	0		1	2		0	2		0	0		1	27		0	2	N/A	0	2	N/A	0	21		0	0		4	1,390
9	<i>Cincinnati Museum Center (CMC)</i>	1	35+	N/A	0	11+	N/A	0	1+	N/A	0	0	N/A	0	N/A	N/A	0	N/A	N/A	0	1	5	0	3	N/A	0	0	N/A	0	N/A	5+	0	6	6	1	73++
10	<i>Cleveland Museum of Natural History (CMNH)</i>	1	5+	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	4	8+
11	<i>College of Charleston Mace Brown Museum</i>	1	1+	N/A	1	9+	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	2	10+
12	<i>Denver Museum of Nature and Science* (DMNS)</i>	4*	51+	12+	7	218 + 6k? + +	8+	0	2	0	0	2	0	0	3	0	0	15	0	0	2	4+	0	0	N/A	0	1	N/A	0	1	11	1?	7	14	12+	345*++ [24?] 6,000** Hankla + MRF soon
13	<i>Field Museum of Natural History (FMNH)</i>	6	18	2	2	8	5	0	10	3	0	0	0	0	2	0	0	1	0	1	2	5	0	0	N/A	0	1	N/A	0	0	8	0	2	2	9	70+
14	<i>Fort Peck Interpretive Center</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	<i>Fryxell Geology Museum Augustana College</i>	1	1+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	1	1
16	<i>Harvard Museum of Natural History</i>	1	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	1	30+

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS		
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T
17	<i>Houston Museum of Natural History (HMNH)</i>	1+	N/A	N/A	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4+	N/A	
18	<i>Idaho Museum of Natural History</i>	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	2	0	0	2	1	0		9+
19	<i>Johnston Geology Museum Emporia State University (ESU)</i>	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0		200+/-
20	<i>Kenosha State College Dinosaur Discovery Museum (DDM)</i>	1+	3+	N/A	2	2+	N/A	0	2+	N/A	0	N/A	N/A	0	1+	N/A	0	N/A	N/A	?	7+	N/A	0	4+	N/A	0	0	N/A	0	1	N/A	0	1	N/A	3+		89+
21	<i>Los Angeles County Museum of Natural History (LACM)</i>	8	47+		4	41		3	26		0	7		0	10		0	29		4	23		1	41	N/A	0	0	N/A	?	0		0	104		20+		346++
22	<i>Makoshika State Park</i>	1	5	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	1	0	N/A	N/A	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2+		30+/-
23	<i>McKinney Teaching Museum Appalachian State University (ASU)</i>	1	N/A	N/A	0	5+	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	N/A	0	0	N/A	0	0	0	0	0	0	1		20+/-
24	<i>Milwaukee Public Museum (MPM)</i>	2	N/A	N/A	1?	N/A	N/A	1	N/A	N/A	1+	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5+/-		N/A
25	<i>Museum of The Rockies (MOR)</i>	65++	106++	N/A++	12+	25++	N/A++	5+	11++	N/A	1+	2++	N/A	2+	N/A	N/A	N/A	N/A	N/A	14+/-	28+	N/A++	5+	4++	N/A	N/A	N/A	N/A	N/A	N/A	N/A++	N/A	N/A	N/A++	104+		176++

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T
26	<i>The National (US) Museum of Natural History Smithsonian* (USNM)</i>	24+	60+	13+	11+	34+	5	2	6	5	2	5	1	0	8	0	0	5	0	2	5	11	1	4	N/A	0	0	N/A	0	1	1	0	0	0	42+	164++
27	<i>New Jersey State Museum (NJSM)</i>	1	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	150+/-			
28	<i>North Carolina Museum of Natural Sciences (NCM)</i>	0	40+	46+	2	22+	6+	2	8+	0	0	2	0	0	1+	2	0	26+	0	0	2	6+	0	14	N/A	0	3	N/A	0	1	5	0	13	5	4	202+
29	<i>North Dakota Geological Survey (NDGS)</i>	3+	10++	3++	2+	1.1 K++	7++	0	1+	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	12+	0	N/A	1++	0	N/A	N/A	0	N/A	N/A	0	N/A	6++	0	3+	4+	5+	500+/- + 1,000+ from CC
30	<i>Oregon Museum of Science and Industry (OMSI)</i>	1?	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	1?	0
31	<i>Raymond M. Alf Museum of Paleontology (RAM)</i>	0	27	4	1	9	1	0	0	0	0	0	0	1	0	0	0	19	9	0	7	0	0	4	N/A	0	0	N/A	0	0	0	0	13	3	2	103+
32	<i>Saint Louis Science Center</i>	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2 +/-	N/A
33	<i>Sam Noble Museum University of Oklahoma (OMNH)</i>	1	8	0	0	3	4+	0	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	1	20+
34	<i>San Diego Natural History Museum</i>	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	1
35	<i>Santa Barbara Museum of Natural History</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1?	N/A

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T
36	Science Museum of Minnesota (SMM)	3 +/-	N/A	N/A	N/A	N/A	N/A	1?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4+	N/A	
37	Sierra College (VRD)	1	3+	N/A	N/A	8+	N/A	N/A	1	N/A	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	?	N/A	4+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3+	N/A	2	20+		
38	Southwestern Adventist University (SWAU)	1	467		3	1,016		1	122		0	16		0	23		0	0		1	151		0	10	N/A	1	0	N/A	0	366		0	0		7	2,280+
39	South Dakota School of Mines Geology Museum (SDMT)	1+	N/A	N/A	2+	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	1+	N/A	N/A	N/A	N/A	N/A	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6+	N/A	
40	Tate Geological Museum Casper Community College (TGM)	6	253		4	259		0	11		0	13		0	3		0	19		1	63		0	25	N/A	0	1	N/A	0	21+		0	17		11+	945+
41	University of Kansas (KU)	4	12	29+	0	25	N/A	0	3	0	0	4	0	0	1	2	0	0	0	2	2	10	0	1	N/A	0	1	N/A	0	0	59	0	0	0	6	161+
42	University of Michigan Museum of Paleontology (UMMP)	N/A	6+	1	2	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	10+	
43	University of New Orleans Lance Dinosaur Project (UNO)	N/A	++	N/A	N/A	+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1?	250+/-	
44	University of North Dakota (UND)	1?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1?	N/A	
45	University of California Berkeley (UCMP)	10	44+	529 ++	6	29+	284 ++	2	6	28	4	17	5	0	2	21	0	0	0	2+	14	105 ++	1	11	N/A	0	0	N/A	0	11	344 ++	1?	14	217 ++	26+/-	1,667+

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T
46	University of Colorado Boulder Museum of Natural History (UCM)	0*	8+	30	1	13	53	0	2	17	0	3	16	0	3	11	0	2	4	0	2	1	0	1	N/A	0	0	N/A	0	1	19	0	1	172	1**	359+
47	University of Chicago Research Collection (UCRC)	1	N/A	N/A	2	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5+	N/A
48	University of Wisconsin-Madison Geology Museum (UWGM)	17	106+		1	100+		0	71+		0	14+		0	22		0	18		0	79		0	71	N/A	1?	11	N/A	0	31		0	135		19 +/-	658+
49	University of Oregon	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	6+
50	University of Wyoming (UW)	0*	4+	37 ++	1+	2+	22 ++	0	0	14	0	2	5	1?	5	13	0	0	12 ++	0	1	1+	0	2	N/A	0	0	N/A	0	0	21 ++	0	9	60 ++	2+	210 ++
51	United States Geologic Survey Denver (USGS)	0	5+	N/A	0	N/A	N/A	0	0	0	0	?	2+	0	0	0	0	N/A	N/A	0	1	1	0	1+	N/A	0	0	N/A	0	1?	1?	0	N/A	N/A	0	25+/-
52	Virginia Museum of Natural History (VMNH)	6	81	322	0	89	88	0	0	0	0	2	7	0	2	2	0	26	773	0	9	41	0	43	N/A	0	0	N/A	0	7	60	0	29	128	6	1,715
53	Winona State College, MN (WC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	Western Science Center (WSC)	N/A	7+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1+	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9+
55	Yale Peabody Museum (YPM)	16+	19	156 +	3+	37	159 +	0	5	5	0	3	0	0	2	8+	0	16	0	0	5	61+	0	24	N/A	0	1	N/A	0	5	43 ++	0	31	669 +	19+	1,245+
	TOTALS:	237 +	4,342		96 +	11,332+/-		29 +/-	440+		12 +/-	170+		7 +/-	169+		0	1,494+		43 +	785+		9 +	280+		6 +	22+		0	1,167		2 +/-	3,399+		441 +	25,251 +/-

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS					
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T			
66	<i>Itabashi Science and Education Hall Japan</i>	1	N/A	N/A	1?	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	2?	N/A	
67	<i>Kanagawa Prefectural Museum of Natural History</i>	0	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A				
68	<i>Mannchester Museum UK</i>	0	1	0	0	6+	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	0	2	1	0	1	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	11+	
69	<i>Museum of Evolution Uppsala Natural History Museum Sweden</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	0	0	0	all casts	0
70	<i>Museum National D'Histoire Naturelle Paris France (MNHN)</i>	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A				
71	<i>National Museum Belfast, Ireland</i>	1	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2?	N/A				
72	<i>National Museum of Natural Sciences Spain</i>	?	N/A	N/A	?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2 casts ?	N/A				
73	<i>National Museum of Wales (Cardiff) (NMW)</i>	N/A	N/A	N/A	1	10+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	10+				
74	<i>National Science Center Gwacheon, Korea (GSC)</i>	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A				
75	<i>National Science Museum Tokyo Japan (NSM)</i>	1+	N/A	N/A	1	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	10 +/-	N/A	0	N/A	N/A	0	N/A	N/A	4+	2,500 +/-				

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS		
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T	
76	<i>Natural History Museum London U.K. (NHMUK)</i>	1	6+	0	2?	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10?	0	0	4	N/A	0	0	N/A	0	0	1	0	0	1	4	25+/-	
77	<i>Natural History Museum Vienna Austria</i>	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	all casts	2
78	<i>Naturalis Biodiversity Center Netherlands (NBC)</i>	5 +/-	1.3 K	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	7+	1,300 +/-				
79	<i>Oxford University Natural History Museum U.K. (OUMNH)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	all casts	0
80	<i>Phillip J Currie Dinosaur Museum*</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	0	
81	<i>Redpath Museum McGill University Canada*</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0*	0*	
82	<i>Royal Belgian Institute of Natural Sciences Brussels Belgium (RBI)</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	all casts	0
83	<i>Royal Ontario Museum Canada (ROM)*</i>	3+	11+	?	2	3	?	0	0	0	2?	9	0	0	0	0	0	0	0	0	0	5	0	0	N/A	1?	0	N/A	1 +/- ?	3	3	1 +/-	0	0	6+/-	34+	
84	<i>Royal Saskatchewan Museum (RSM)*</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0*	0* but... ++*	
85	<i>Royal Tyrell Museum (TMP)*</i>	3	14+	0	12+	1*	5+	0	4+	0	4+	0	2+	0	2+	0	1?	20+	0	0	4	N/A	0	4	N/A	0	9+	0	0	N/A	0	3+*	76+ but... ++*				

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B
86	<i>Senckenburg Museum Germany (SMF)</i>	2	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	N/A
87	<i>Seibu Museum? (Japan)</i>	1?	N/A	N/A	1?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2?	N/A
88	<i>Thinktank Museum of Science Birmingham UK</i>	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	1	0
89	<i>Toyohashi Museum of Natural History Japan</i>	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A
90	<i>University of Tokyo Japan</i>	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A
	TOTALS:	28 +/-	1,340++ +/-	19 +/-	38++			2	5+		1	13+		1	6+		N/A	2+		4	41+		0	9+	N/A	0	14+	N/A	0	16+		0	1++		55 +/-	3,988 +/-

III. REGIONAL and LOCAL MUSEUMS + NON-PROFITS:

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T
91	Carter County Museum Ekalaka, MT (CCM)	1	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	N/A			
92	Dickinson Museum Center Dickinson, ND (DMC)	2	7+	N/A	2+	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	0	4+	0	1+	N/A	0	0	N/A	0	1+	N/A	0	1+	N/A	4	15++
93	Frontier Gateway Museum Glendive, MT (FGM)	0	11+	0	0	7+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	18+/-
94	Garfield County Museum (GCM)	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	20+/-
95	Glenrock Paleontological Museum "Paleon" (GP)	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1+	N/A
96	Grand River Museum Lemmon, SD (GRM)	1+	5+	N/A	1+	N/A	N/A	N/A	?	N/A	?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1+	N/A
97	Great Plains Dinosaur Museum Malta, MT (GPDM)	1	N/A	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	0	0	N/A	2	N/A
98	Harding County Museum Buffalo, SD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
99	Marmarth Research Foundation Marmarth, ND (MRF) (Heading to DMNS)	13	N/A	N/A	7+	N/A	N/A	2	3+	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	1+	1+	0	1+	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	25+/-	N/A

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B
100	<i>Pioneer Trails Regional Museum Bowman, ND (PTRM)</i>	20 +/-	845+		6+	1,006+		0	50+		0	N/A		0	N/A		0	N/A		1	121+		0	15	N/A	0	12	N/A	0	39+		0	138+		27 +/-	2,226 +/-
101	<i>Standing Rock Paleontology Collection (SRPD)</i>	0	12	7	0	1,698+		0	1	0	0	1	0	0	1	1	0	2	0	0	0	27	0	5	N/A	0	0	N/A	0	1	2+	0	7	0	0	1,765+
102	<i>Timber Lake and Area Museum Timber Lake, SD (TLAM)</i>	N/A	1+	N/A	N/A	N/A	N/A	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2+	N/A	
103	<i>Tri-State Museum Belle Fourche, SD (TSM)</i>	0	N/A	N/A	0	5+	N/A	0	N/A	N/A	0	0	0	0	0	0	0	0	0	0	1	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	10+/-	
	TOTALS:	39	888+		17	2,717+		4	54+		2	2+		N/A	2		N/A	2		2	155+		N/A	22+	N/A	1	12+	N/A	N/A	43+		0	146+		65+/-	4,054+

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS				
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T			
114	<i>Paleo Prospectors</i>	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
115	<i>Paleotrek Carl Campbell</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
116	<i>PaleoWorld</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
117	<i>Pangea Fossils/ Great Traveling Dinosaur Show</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3+	++			
118	<i>Rocky Mountain Dinosaur Resource Center and Triebold Paleontology (RMDRC/TPI)</i>	1+	N/A	N/A	1	N/A	N/A	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4+	100+/-			
119	<i>Tellus Science Museum</i>	0	2+	N/A	0	1+	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	?	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0 all casts	3+
120	<i>T-Rexplorers LLC</i>	0	20	8	0	16	4	0	0	0	0	0	0	0	0	1	0	0	0	0	3	16	0	0	N/A	0	0	N/A	0	0	2	0	1	1	0	72			
121	<i>West Palm Beach Museum (WPBM)</i>	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	9+	2,000 +/-			
122	<i>Wyoming Dinosaur Center (WDC)</i>	2+	++	++	1	500 +/-	++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3 +/-	500+/-			
	TOTALS:	19+	240+		11+	752+		5	345		1	38+		2	59+		0	23+		11	121+		3	74+	N/A	2	25+	N/A	1	88++		0	188+		55+	4,059 ++			

V. LARGE (reasonably stable) PRIVATE COLLECTIONS:

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T
123	<i>The Albro Collection</i>	0	1	2	0	8+	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	24+
124	<i>Anonymous 1 (CA- collector)</i>	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A			
125	<i>Anonymous 2 (OR- collector)</i>	N/A	N/A	N/A	1	20+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	50++			
126	<i>Anonymous 3 (German collector)</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A			
127	<i>Anonymous 4 (unknown-collector)</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A			
128	<i>Anonymous 5 (MA- collector)</i>	1	1+	N/A	1	3+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2+	5++			
129	<i>Anonymous 6 (MT- Rancher)</i>	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	50+/-			
131	<i>The Bliss Collection</i>	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	2,500 +/-			
132	<i>The Bolan Collection</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
133	<i>The Burkett Collection</i>	0	13+	3	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	5	0	1	N/A	0	0	N/A	0	9	30	0	0	7	0	73
134	<i>The Clarke Collection</i>	0	5	40	0	15	13	0	15	13	0	7	0	0	7	1	0	0	0	0	4	31	0	6	N/A	0	8	N/A	0	3	7	0	0	0	0	170+
135	<i>The Ermish-Gunther Collection</i>	0	5	3	0	9	3	0	7	3	0	12	3	0	2	3	0	0	0	0	4	7	0	11	N/A	0	5	N/A	0	3	5	0	0	0	0	85
136	<i>The Francino Collection</i>	0	43	20+	1	156	39+	0	94	30+	0	15	16+	0	24	27+	0	1	5	0	24	70+	0	85	N/A	0	106	N/A	0	13	58+	0	69	43+	1	938+
137	<i>The Fritz Collection</i>	0	1	6	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	17+
138	<i>The Gurche Collection</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
139	<i>The Licking Collection</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	40+/-			
140	<i>The Lev Collection</i>	0	13+	22+	0	42+	14+	0	0	2	0	0	0	0	0	4	0	0	0	0	1	9	0	0	N/A	0	0	N/A	0	0	4	0	0	0	0	111

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS				
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T		
141	<i>The Mendoza Collection</i>	0	7	19	0	8	12	0	1	2	0	5	1	0	3	1	0	0	0	0	3	18	0	4	N/A	0	3	N/A	0	6	9	0	0	4	0			106	
142	<i>Millard Wisconsin Museum Jim Boyd Collection?</i>	N/A	++	N/A	N/A	++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	++	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
143	<i>Allen Olson Collection</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
144	<i>The Sasoni Collection</i>	0	5	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	1			10	
145	<i>The Scandizzo Collection</i>	0	10	4	0	9	2	0	1	0	0	2	2	0	1	1	0	1	0	0	10	8	0	5	N/A	0	3	N/A	0	12	5	0	0	1	0			77+	
146	<i>The Schnatterly Collection</i>	0	17+		0	17+		0	3+		0	6+		0	4+		0	1+		0	21+			0	8+	N/A	0	19+		0	22+		0	3+		0			121+
147	<i>The Tufts Collection</i>	0	3	8	0	5	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	N/A	0	0	N/A	0	0	1	0	0	0	0			32+/-	
148	<i>The Viele Collection</i>	0	3	9	0	21	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0			47+/-	
149	<i>The Walsh Collection</i>	0	12+	8	0	9	2	0	2	0	0	1	1	0	0	0	0	0	0	0	0	5	0	4	N/A	0	1	N/A	0	1	0	0	0	0	0			50+/-	
	TOTALS:	2	283+		4	436+		0	176+		0	75+		1	78+		0	8+		2	257+			0	124+	N/A	0	145+	N/A	0	188+		0	127+		9			4,506++

	INSTITUTION	Ceratopsidae			Hadrosauridae			Thescelosauridae			Pachycephalosauridae			Ankylosauridae & Nodosauridae			Unknown Ornithischian			Tyrannosauridae			Ornithomimidae			Oviraptorosauridae			Dromaeosauridae + Troodontidae			Unknown or Other Theropod			TOTAL SPECIMENS	
		S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B	T	S	B+T
163	<i>Maxilla and Mandible Henry Galiano</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	0
164	<i>Mike Harris Collection</i>	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3+	N/A
165	<i>Montana Dinosaur Company Mark Eatman</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
166	<i>Nuss Fossils</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	N/A	0	0	0	0	0	0	0	0
167	<i>The Phipps Collection</i>	1+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2+	N/A
168	<i>The Poel Collection</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2 +/-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2+	N/A
169	<i>Prehistoric Fossils (Indiana9)</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
170	<i>Stan Sacrison</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
171	<i>Theropoda Matt Williams</i>	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3 +/-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4	N/A
	TOTALS:	10+	N/A		2+	N/A		2+	N/A		2+	N/A		1+	N/A		0	N/A		9	N/A		1	N/A	N/A	0	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	28 +/-	N/A

APPENDIX 2

References, Online Database Links and Notes for Each Collection

	INSTITUTION	Online Database Link	References and Notes
1	American Museum of Natural History (AMNH)	http://research.amnh.org/paleontology/search.php?page=0	<i>Pulled information directly from the online database. Did not visit and no direct contact. Older collection. Did not appear to have a current exploration program in the Hell Creek/Lance.</i>
2	Academy of Natural Sciences-Drexel (ANSP)	No online database	<i>Obtained an rough estimate of the collection via phone call to curator. They do not have a current exploration program in the Hell Creek/Lance.</i> <i>(Personal communication, Ted Daeschler, 2017)</i>
3	Boston Museum of Science (BMNS)	No online database	<i>Obtained a complete census via phone call and email with director. They do not have an exploration program.</i> <i>(Personal communication, Larry Ralph, 2017)</i>
4	Brigham Young University (BYU)	No online database	<i>Did not return emails or phone calls information was obtained via research papers and visitor photos.</i> <i>(Clemmens and Hartman, 2014)</i>
5	Burke Museum (UWBM)	http://www.burkemuseum.org/research-and-collections/vertebrate-paleontology/collections/database/search.php	<i>Pulled information directly from the online database. Did not visit and no direct contact. The numbers are most likely much higher as this university/museum has a current, very active exploration program in the Lance/Hell Creek.</i>
6	Burpee Museum (BMNH)	<i>In the process of building an online database.</i>	<i>Obtained a rough estimate of the collection (major skeletons only) via emails with the curator. This museum does have an active exploration program in the Hell Creek. Isolated bones and teeth counts are most likely very high. This needs to be updated once their online database is complete.</i> <i>(Personal communication, Josh Mathews, 2017)</i>
7	Carnegie Museum of Natural History (CMNH)	https://www.idigbio.org/portal/search	<i>Pulled information directly from the online database. Did not visit and no direct contact. However, did have previous examination of some of the material. Primarily an older collection with some recent purchases. They did not appear to have a current exploration program in the Hell Creek/Lance.</i>
8	The Children's Museum of Indianapolis (TCMI)	<i>No online database, but did have an internal one.</i>	<i>Obtained complete census numbers from director via email. They do have an active dig program, predominately from a single, monospecific (Edmontosaurus) bone bed.</i> <i>(Personal communication, Dallas Evans, 2017)</i>
9	Cincinnati Museum Center (CMC)	http://collections.cincymuseum.org/web/?category=vertebrate	<i>Obtained a partial census from online database, but this is not currently up to date. According to curator they have a lot of material that has not been prepared or cataloged into the system. They do have an active exploration program in the Hell Creek/Lance.</i> <i>(Personal communication, Glenn Storrs, 2017)</i>
10	Cleveland Museum of Natural History (CMNH)	<i>No online database, but did have an internal one.</i>	<i>Obtained a complete census of major elements via emails with the collections manager. They had a much smaller collection than previously thought. Does not appear to have a current exploration program in the Hell Creek/Lance.</i> <i>(Personal communication, Amanda McGee, 2017)</i>

	INSTITUTION	Online Database Link	References and Notes
11	College of Charleston Mace Brown Museum	No online database	Did not return emails or phone call. Obtained a partial census of collection based on photographs from a personal visit in 2016.
12	Denver Museum of Nature and Science* (DMNS)	http://www.dmns.org/science/collections/search-our-collections/ Older database that is being updated/replaced.	Obtained a detailed census of the Hell Creek portion of the collection via spreadsheets from an internal database, along with email conversations with the curator. DMNS is in the process of obtaining three large collections: The Hankla Collection (6,000+/- Lance Creek specimens from a monospecific bone bed), the Marmarth Research Foundation (MRF) collection (which may have up to 25 skulls/skeletons from various Hell Creek Sites in MT/ND), and the Triebold/Sandy Site Collection (hundreds of specimens from a polyspecific Hell Creek bone bed from SD). Denver also had multiple specimens from the Laramie and Denver Formations. This needs to be updated once all of the new material has been properly cataloged. (Personal communication, Joe Sertich, 2017) (Personal Communication, Tyler Lyson, 2017)
13	Field Museum of Natural History (FMNH)	No online database, but did have an internal one. Currently working on online database	Obtained a complete census via conversations with the curator and spreadsheets of an internal database. They do not have a current exploration program in the Lance/Hell Creek. (Personal communication, Bill Simpson, 2017)
14	Fort Peck Interpretive Center	No online database	Obtained a very rough estimate of the collection via phone conversation with director. It was unclear, however which specimens were curated in MOR collections and which were older collections maintained by Army Corps of Engineers. She informed me that they had a separate storage building with older, unprepared and uncatalogued fossils, but impossible to obtain a count at this time. (Personal communication, Sue Dalbey, 2017)
15	Fryxell Geology Museum Augustana College	No online database	Obtained a partial census via email. (Personal communication, Susan Kornreich-Wolf, 2018)
16	Harvard Museum of Natural History	No online database, but did have an internal one.	Obtained a partial census via email with collections manager and visitor photos. (Personal communication, Jessica Cundiff, 2017)
17	Houston Museum of Natural History (HMNH)	No online database	Did not return emails or phone calls. Obtained a rough estimate based on common knowledge, news sources, and visitor photographs
18	Idaho Museum of Natural History	No online database	Obtained a complete census from a spreadsheet via email with collections manager. (Personal communication, Mary E. Thompson, 2018)
19	Johnston Geology Museum Emporia State University (ESU)	No online database	Obtained a very rough estimate via emails with the curator. (Personal communication, Michael Morales, 2018)
20	Kenosha State College Dinosaur Discovery Museum (DDM)	No online database, but did have a small portion photographed/highlighted on their main website.	Obtained a rough estimate of major specimens, via Facebook conversations with the director, along with photographs from website. https://museums.kenosha.org/virtualexhibits/vex2/index.htm (Personal communication, Thomas Carr, 2017)

	INSTITUTION	Online Database Link	References and Notes
21	Los Angeles County Museum of Natural History (LACM)	https://collections.nhm.org/dinosaur-institute/	Obtained a good census directly from the online database, supported by photographs from a 2012 personal visit. Did not contact directly. It is unclear whether or not they have a current exploration program in the Hell Creek or Lance Formations.
22	Makoshika State Park	No online database	This collection is most likely accessioned into the MOR collections. Obtained a very rough estimate based upon photographs from a personal visit in 2013. This needs to be updated once MOR collections are online.
23	McKinney Teaching Museum Appalachian State University (ASU)	No online database	Obtained a rough estimate of the collection based on personal experience and emails with the director. (Personal communication, Andy Heckert, 2017)
24	Milwaukee Public Museum (MPM)	No online database, but did have an internal one. Currently working on online database	Obtained a very rough estimate of the collection via visitor photos and available literature. According to the collections manager, they are currently in the process of updating their collections and building an online database. It will be some time, however, before Mesozoic vertebrates are cataloged. According to White, Fastovski and Sheehan there should be several thousand vertebrate fossils housed here, but this is contradicted by the collections manager. This needs to be updated as soon as the material is cataloged. (Personal communication Patrica Burke, 2018) (White, Fastovski, and Sheehan, 1998)
25	Museum of The Rockies (MOR)	Online database is temporarily offline while being updated.	MOR currently houses the largest collection of dinosaurian remains from the Hell Creek and the Lance Fm., but due to an update to their database, I was unable to obtain a complete census. A partial census was obtained via emails with the curator along with a review of previous census data and visitor photographs. This needs to be updated once the MOR db is back online. (Personal communication John Scanella, 2017.) (Preliminary numbers based upon Horner et. al, 2011; Horner et. al, 2014; and Scanella and Fowler, 2014)
26	National Museum of Natural History Smithsonian (USNM)	http://collections.nmnh.si.edu/search/paleo/	Pulled information directly from the online database. Did not visit since 2014 and no direct contact with curation staff. Older collection, but appeared to be updated online. Most likely many more uncatalogued isolated bones and teeth in storage. The census needs to be updated once the new dinosaur hall is finished.
27	New Jersey State Museum (NJSM)	No online database	Obtained a rough estimate based on email and facebook conversations with the former curator. (Personal communication, Jason Schein, 2017)
28	North Carolina Museum of Natural Sciences (NCSM)	http://collections.naturalsciences.org/resultsVertPaleo.aspx In the process of moving database to a new system	Pulled information directly from the online database supplemented by email contact with collections manager. They do have an active exploration program to the Hell Creek and it was indicated that they have a lot of material that has not been prepared, cataloged, or entered into the db. (Personal communication, Trish Weaver, 2018)
29	North Dakota Geological Survey (NDGS)	https://www.dmr.nd.gov/ndfossil/search.asp	Obtained a rough estimate of the collection, including a good count of the skeletons via facebook conversations with the curator. (Personal communication, Clint, Boyd, 2017; 2018)

	INSTITUTION	Online Database Link	References and Notes
30	Oregon Museum of Science and Industry (OMSI)	No online database	Obtained some information via phone from museum staff. Obtained further details via email from director. (Personal communication, Sue Wu, 2018)
31	Raymond M. Alf Museum of Paleontology (RAM)	http://www.alfmuseum.org/science/collections/database/ Database was not working at this time	Obtained a detailed census via spreadsheets from curator and collections manager. (Personal communication, Gabe Santos and Andrew Farke, 2017; 2018)
32	Saint Louis Science Center	No online database	Did not return emails or phone calls. Obtained a rough skeletal estimate based upon news reports.
33	Sam Noble Museum University of Oklahoma (OMNH)	http://samnoblemuseum.ou.edu/collections-and-research/vertebrate-paleontology/vertebrate-paleontology-database/	Pulled information directly from the online database. Did not visit and no direct contact with curation staff. Appeared to have an older collection and no current exploration program in the Hell Creek/Lance.
34	San Diego Natural History Museum	http://www.sdnhm.org/science/paleontology/resources/collection-database/	Pulled information directly from the online database. Did not visit and no direct contact with curation staff. Appeared to have an older collection and no current exploration program in the Hell Creek/Lance.
35	Santa Barbara Museum of Natural History	http://www.sbcollections.org/vz/search_advanced.php?go=1 But... No dinosaur fossils in the database	They did have an online database, but it did not appear to be geared towards fossil vertebrates and was unable to confirm any Hell Creek Collections online. According to personal communication with Bob Dietrich, (2018) they have the <i>T. rex</i> known as Sampson on display, but they do not own it. The museum staff, did not return emails.
36	Science Museum of Minnesota (SMM)	No online database	Obtained a very rough estimate based upon visitor photographs and available literature. Staff did not return emails or phone calls for confirmation. (Erickson, 2017) (Personal communication, Andrew Farke, 2017)
37	Sierra College (VRD)	No online database	Obtained a partial census based upon Sierra College website and online descriptions of the collection. Staff did not return emails for confirmation.
38	Southwestern Adventist University (SWAU)	https://fossil.swau.edu/	Obtained a complete census from their online database as well as email conversations with their collections manager. They have a very active exploration program with new material every year. Currently working primarily on a monospecific bone bed (<i>Edmontosaurus</i>) and nearby sites from same ranch, Lance Formation, WY. (Personal communication, Keith Snyder and Art Chadwick, 2017)
39	South Dakota School of Mines and Technology Geology Museum (SDMT)	No online database	SDSMT most likely has a very significant collection of Hell Creek/Lance dinosaurs, but I was unable to obtain reliable numbers. According to an email with the collections manager, they did not have an online database and did not expect to update the dinosaur portion of the collection in the "foreseeable future". Further email inquiries were not returned. (Personal communication, Sally Shelton, 2017) Obtained a very rough estimate of skeletons based on personal visits to the museum gallery, available literature and visitor photographs.

	INSTITUTION	Online Database Link	References and Notes
40	Tate Geological Museum Casper Community College (TGM)	No online database, but did have an internal one. Currently working on online database	Obtained a complete census from the curator, supported by a personal visit in 2016. The Tate has a very significant collection and an active exploration program to the Lance Fm. of WY. (Personal communication, J.P. Cavigelli)
41	University of Kansas (KU)	http://collections.biodiversity.ku.edu/KUVertPaleo/	Obtained a complete census via a personal visit in 2017 with assistance from the curator. KU has a very significant collection and an active exploration program to the Hell Creek Fm, MT. (Personal communication, David Burnham, 2017)
42	University of Michigan Museum of Paleontology (UMMP)	No online database, but did have an internal one. Currently working on online database	Obtained a partial census of their main specimens via email, from their collections manager. They are currently in the middle of a move to a new building, so most likely incomplete. They do not appear to have a current exploration program to the Hell Creek/Lance. (Personal communication, Adam Rountrey, 2017)
43	University of New Orleans Lance Dinosaur Project (UNO)	No online database	Obtained a rough estimate of the collection from the curator via conversations on facebook. This collection has been split up with some still remaining at UNO and some going to the University of Chicago. The remaining bits of the collection may end up going somewhere else soon. They do not have an ongoing exploration program. (Personal communication, Kraig Derstler, 2017)
44	University of North Dakota (UND)	No online database	No response. They did not return any emails or phone call.
45	University of California Berkeley (UCMP)	http://ucmpdb.berkeley.edu	Pulled information directly from the online database. Did not visit and no direct contact. The numbers are most likely higher as this university/museum had a very active exploration program in the Lance/Hell Creek of MT.
46	University of Colorado Boulder Museum of Natural History (UCM)	https://fossilvertebratesandtraces.colorado.edu/index.php/Search/advanced/vertebrate	Obtained a complete census directly from the database, plus additional conversations with collections manager and paleo student. This museum also has multiple specimens from the Laramie and Denver Formation, but does not appear to have an active Hell Creek/Lance exploration program. (Personal communication, Toni Culver and Taylor Mendoza, 2017)
47	University of Chicago Research Collection (UCRC)	No online database, but did have an internal one.	Obtained a partial census of major skeletons via email, from curator. Some of this material was transferred from UNO's Lance Dinosaur Project. Not sure about the current state of their exploration program to Hell Creek/Lance. (Personal communication Paul Sereno, 2017)
48	University of Wisconsin-Madison Geology Museum (UWGM)	No online database, but did have an internal one. Currently working on online database	Obtained a mostly complete, detailed census via email conversations with the curator. They have an active field program, but not currently working in the Hell Creek/Lance. (Personal communication, David Lovelace and Adam Fitch, 2017; 2018)
49	University of Oregon The Museum of Natural and Cultural History	http://paleo.uoregon.edu/specify-solr/condon/	Pulled information directly from the online database. Did not visit and no direct contact. Email address of main contact was sent back as undeliverable.

	INSTITUTION	Online Database Link	References and Notes
50	University of Wyoming (UW)	https://paleo.gg.uwyo.edu/Search_DB.php	<i>Pulled information directly from the online database supplemented with personal visit in 2016. This is an older collection. It does not appear to have an ongoing exploration program. Actual numbers most likely higher with many teeth collections cataloged under one accession number. Some of their HC/Lance specimens may not be prepared or cataloged yet. They also have some specimens from the Laramie, Ferris and Mesa Verde Fm which were not counted.</i> <i>(Personal communication, Laura Vietti, 2016)</i>
51	United States Geological Survey Denver (USGS)	https://geology.cr.usgs.gov/crc/fossils/ <i>but wasn't much to see online yet.</i>	<i>Pulled information directly form the online database with additional information via email with the collections manager.</i> <i>(Personal communication, Kevin C McKinney, 2017)</i>
52	Virginia Museum of Natural History (VMNH)	https://www.vmnh.net/collections <i>Their online database is offline and in the process of an update. Spreadsheet was available.</i>	<i>Obtained a complete census from their collections manager via email. This collection includes portions of the now defunct Shenandoah University collection. They do not appear to have an active exploration program to HC/Lance.</i> <i>(Personal communication, Alexander Hastings, 2017)</i>
53	Winona State College, MN (WC)	<i>No online database</i>	<i>Did not return emails or phone calls. Unable to get any pertinent census data. This group appears to be working with Hell Creek Fossils so unclear who owns what and how much.</i>
54	Western Science Center (WSC)	<i>No online database</i>	<i>Did not return emails or phone calls.</i> <i>Rough estimate based upon conversations with associate and visitor photos. This collection most likely has more specimens then recorded as Harley Garbani made several donations in the past. They do not appear to have an active exploration program to the HC/Lance.</i> <i>(Personal communication Andrew, Farke, 2017; 2018)</i>
55	Yale Peabody Museum (YPM)	http://collections.peabody.yale.edu/search/Search/Advanced	<i>Pulled information directly from the online database. This is an older collection. It does not appear to have an ongoing exploration program. Actual numbers most likely higher with many teeth collections cataloged under one accession number. Some of their HC/Lance specimens may not be prepared or cataloged yet.</i>
	<u>FOREIGN INSTITUTIONS</u>		
56	Bayerische Staatsammlung Paleontologie and Historische Germany (BSP)	<i>Appeared to have a database, but this was all in German and difficult to navigate.</i>	<i>Did not respond to emails. Rough census of main skeletons obtained by website information, visitor photos and common knowledge.</i>
57	Berlin Museum of Natural History Germany	<i>No online database</i>	<i>Partial census based upon email from collections manager supported by website and press releases.</i> <i>(Personal communication, Thomas, Schossleiter, 2017)</i>
58	Canadian* Museum of Nature (CMN)	http://collections.nature.ca/en/Search/Search	<i>Pulled information directly from the online database. Did not visit and no direct contact.</i>
59	Cosmocaixa Barcelona Spain	<i>No online database</i>	<i>Did not respond to email. Rough census of main skeletons obtained by website information, visitor photos and common knowledge.</i>

	INSTITUTION	Online Database Link	References and Notes
60	<i>Eigado Museum Japan</i>	<i>No online database</i>	<i>Could not locate contact information. Rough census of main skeletons obtained by website information, visitor photos common knowledge and available literature.</i> <i>(Winters, 2014)</i>
61	<i>Fukui Prefectural Museum (FPDM)</i>	<i>No online database</i>	<i>Did not respond to email. Rough census obtained by personal knowledge, visitor photographs and available literature.</i> <i>(Winters, 2014)</i>
62	<i>Goulandris Museum of Natural History Greece</i>	<i>No online database</i>	<i>Did not respond to emails. Rough census of main skeletons obtained by website information, visitor photos and common knowledge.</i>
63	<i>Goseong Dinosaur Museum Korea</i>	<i>No online database</i>	<i>Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature.</i> <i>(Winters, 2014)</i>
64	<i>Gunma Museum of Natural History, Japan (GMNH)</i>	<i>No online database</i>	<i>Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature.</i> <i>(Winters, 2014)</i>
65	<i>Hayashibara Museum Japan(?)</i>	<i>No online database</i>	<i>Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature.</i> <i>(Winters, 2014)</i>
66	<i>Itabashi Science and Education Hall Japan</i>	<i>No online database</i>	<i>Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature.</i> <i>(Winters, 2014)</i>
67	<i>Kanagawa Prefectural Museum of Natural History</i>	<i>No online database</i>	<i>Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature.</i> <i>(Winters, 2014)</i>
68	<i>Mannchester Museum UK</i>	http://harbour.man.ac.uk/mmcustom/narratives/display.php?irn=10384&QueryPage=%2Fmcustom%2Fnarratives%2F	<i>Pulled information directly from the online database. Did not visit and no direct contact.</i>
69	<i>Museum of Evolution Uppsala Natural History Museum Sweden</i>	<i>No online database</i>	<i>They did not have any original dinosaur fossils from the Hell Creek or Lance according to email with collections manager. All specimens are casts.</i> <i>(Personal communication, Benjamin Kear, 2017)</i>
70	<i>Museum National D'Histoire Naturelle Paris France (MNHN)</i>	http://www.mnhn.fr/en/collections/scientific-databases/museum-national-histoire-naturelle-databases	<i>Pulled information directly from the online database. Could not locate contact information. I suspect they have more material than a single Triceratops skull, but could not confirm using their online database.</i>
71	<i>National Museum Belfast, Ireland</i>	<i>No online database</i>	<i>Could not locate contact information. Rough census obtained by visitor photographs and available literature.</i> <i>(Winters, 2014)</i>

	INSTITUTION	Online Database Link	References and Notes
72	National Museum of Natural Sciences Spain	No online database	Did not respond to emails. Rough census of main skeletons obtained by website information, visitor photos and common knowledge.
73	National Museum Wales, (Cardiff), UK (NMW)	https://museum.wales/collections/online/ but, did not appear to have vertebrate fossils online	Could not locate contact information. Rough census obtained by visitor photographs and available literature. (Winters, 2014)
74	National Science Center Gwacheon, Korea (GSC)	No online database	Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature. (Winters, 2014)
75	National Science Museum Tokyo Japan (NSM)	http://www.kahaku.go.jp/english/research/specimen/index.html not updated	They did have an online database, but this did not appear to be updated for vertebrate paleontology. Both English and Japanese versions only had a handful of specimens. Rough estimate of the major skeletons and bones obtained via email from colleagues and visitor photographs. (Personal communication, Tohru Yamazaki, 2017) (Personal communication, Mike Triebold, 2015)
76	Natural History Museum London U.K. (NHMUK)	http://data.nhm.ac.uk/dataset/56e711e6-c847-4f99-915a-6894bb5c5dea/resource/05ff2255-c38a-40c9-b657-4ccb55ab2feb?view_id=6b611d29-1dcf-4c60-b6b5-4cbb69fdf4fe&filters=collectionCode%3APAL	Pulled information directly from the online database. Did not visit and no direct contact. This is an older collection acquired through purchase. They do not have an exploration program to HC/Lance.
77	Natural History Museum Vienna Austria	No online database	All of their major skeleton mounts from the USA are cast. Obtained a complete census via email from curator. Small collection and no field program. (Personal communication, Ursula Gohlich, 2017)
78	Naturalis Biodiversity Center Netherlands (NBC)	No online database, but did have an internal one. Currently working on online database	Rough estimate of the collection focusing on major skeletons, via facebook and email exchanges with curatorial staff. They have a large collection and active exploration program with assistance from BHIGR. Currently working on several sites, in particular, a Lance Triceratops bone bed with multiple individuals. (Personal communication, Pim Kaskes and Dylan Bastiaans, 2017)
79	Oxford University Natural History Museum U.K. (OUMNH)	http://www.oum.ox.ac.uk/collections/ not updated with vertebrate fossils	Could not locate contact information. Rough census obtained via web site, visitor photographs and available literature. (Winters, 2014)
80	Phillip J Currie Dinosaur Museum*	No online database, but did have an internal one. Currently working on online database	Census acquired via email with curator. They have a large Late Cretaceous dinosaur collection, but all of these are from the equivalent Scollard and Frenchman Fm. Nothing from the Hell Creek/Lance. (Personal communication, Derek Larson, 2017)
81	Redpath Museum McGill University Canada*	No online database	Census acquired via email with curator. They have a large Late Cretaceous dinosaur collection, but all of these are from the equivalent Scollard or Frenchman Fm. Nothing from the Hell Creek/Lance. All specimens here curated through the RSM. (Personal communication, Hans Larsson, 2017)

	INSTITUTION	Online Database Link	References and Notes
82	Royal Belgian Institute of Natural Sciences Brussels Belgium	No online database	All of their major skeleton mounts from the USA are cast. Obtained a complete census via email from curator. Nothing original from the Hell Creek/Lance. (Personal communication, Annalise Folie, 2017)
83	Royal Ontario Museum Canada (ROM)*	http://portal.vertnet.org/search	Partial census based upon email with the curator supplemented by online database or personal knowledge. They have an active exploration program and many specimens are not prepared or cataloged yet. (Personal communication, David Evans, 2017)
84	Royal Saskatchewan Museum (RSM)*	No online database, but did have an internal one. Currently working on online database	Census acquired via email with curator. They have a large Late Cretaceous dinosaur collection, but all of these are from the equivalent Scollard or Frenchman Fm. Nothing from the Hell Creek/Lance. (Personal communication, Emily Bamforth, 2017)
85	Royal Tyrell Museum (TMP)*	https://hermis.alberta.ca/rtmp/Search.aspx?ad=True&st=Hell+Creek&tid=	Pulled census directly from online database. Did not visit or contact. They have a large Latest Cretaceous dinosaur collection, but most of these are from the equivalent Scollard or Frenchman Fm.
86	Senckenburg Museum Germany (SMF)	No online database	Did not respond to email. Rough census obtained via web site, visitor photographs and available literature.
87	Seibu Museum? (Japan)	No online database	Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature. (Winters, 2014)
88	Thinktank Museum of Science Birmingham UK	No online database	Obtained a complete census via email with the collections manager. No active exploration program. Only one specimen acquired via purchase from AMNH in 1958. (Personal communication, Lukas Large, 2017)
89	Toyohashi Museum of Natural History Japan	No online database	Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature. (Winters, 2014)
90	University of Tokyo Japan	No online database	Could not locate contact information. Rough census obtained by personal knowledge, visitor photographs and available literature. (Winters, 2014)
	LOCAL and REGIONAL MUSEUMS	Online Database Link	References and Notes
91	Carter County Museum Ekalaka, MT (CCM)	No online database	Obtained a rough census from the director via email. They are currently in the middle of an inventory of the collection so detailed data is not possible at this time. The number of isolated bones and teeth are most likely quite high. They do assist various museums/universities with exploration programs in the area. (Personal communication, Sabre Moore, 2017)

	INSTITUTION	Online Database Link	References and Notes
92	<i>Dickinson Dinosaur Museum Dickinson, ND (DDM)</i>	<i>No online database</i>	<p><i>Obtained a rough census from the director/curator via phone conversation. They are currently in the middle of an inventory of the collection so detailed data is not possible at this time. The number of isolated bones and teeth are most likely much higher. They do have an active exploration program with some work in the HC/Lance. Currently working mostly in Judith River Fm.</i></p> <p><i>(Personal communication, Denver Fowler, 2017)</i></p>
93	<i>Frontier Gateway Museum Glendive, MT (FGM)</i>	<i>No online database</i>	<p><i>Obtained a very rough estimate of the major skeletons in the collection via phone conversation with an unknown volunteer. Follow-up emails were not returned. A partial census of the collection was made from website descriptions and visitor photographs.</i></p>
94	<i>Garfield County Museum (GCM)</i>	<i>No online database</i>	<p><i>Obtained a very rough estimate of the major skeletons in the collection via phone conversation with the director. Most of the fossils here were owned by other companies/organizations, were only temporary and have been removed.</i></p> <p><i>(Personal communication, Marika Brusette, 2017)</i></p>
95	<i>Glenrock Paleontological Museum "Paleon" (GP)</i>	<i>No online database</i>	<p><i>Did not return emails or phone calls. A partial census of the collection was made via phone conversation with an unknown volunteer, website descriptions and visitor photographs.</i></p>
96	<i>Grand River Museum Lemmon, SD (GRM)</i>	<i>No online database</i>	<p><i>Did not return emails or phone calls. A partial census of the collection was made via phone conversation with an unknown volunteer, website descriptions and visitor photographs.</i></p>
97	<i>Great Plains Dinosaur Museum Malta, MT (GPDM)</i>	<i>No online database</i>	<p><i>Obtained a very rough estimate of the major skeletons in the collection via phone conversation with the director. They work predominantly in the Judith River.</i></p> <p><i>(Personal communication Cary Woodruff, 2017)</i></p>
98	<i>Harding County Museum Buffalo, SD</i>	<i>No online database</i>	<p><i>Did not return phone calls. Unable to get any information.</i></p>
99	<i>Marmarth Research Foundation Marmarth, ND (MRF) (Heading to DMNS)</i>	<i>No online database</i>	<p><i>Obtained a good estimate of the major skeletons in the collection via email conversations with the director and available literature. The bulk of this collection is in the process of being transferred to the DMNS.</i></p> <p><i>(Personal communication, Tyler Lyson, 2017)</i></p> <p><i>(Lyson and Longerich, 2011)</i></p>
100	<i>Pioneer Trails Regional Museum Bowman, ND (PTRM)</i>	<i>No online database</i>	<p><i>Obtained a rough estimate of the collection via phone conversation with museum volunteer. Follow-up emails and phone calls to the president of the board of directors, were not returned.</i></p> <p><i>A partial census of the collection was made from available literature. This group has an active exploration program in the ND/MT Hell Creek, often assisting other researchers and universities in the area. They most likely have much more than was listed in 2002, though much of this material is in storage, not prepared or cataloged.</i></p> <p><i>(Pearson, 2002)</i></p> <p><i>(Personal communication, Jene Nudal, 2018)</i></p>

	INSTITUTION	Online Database Link	References and Notes
101	Standing Rock Paleontology Collection (SRPD)	http://fossils.standingrock.org/RediscoveryProficioPublicSearch/CollectionsHome.aspx?SRSTPALEO	<p>Pulled census directly from online database supplemented by available literature. Did not visit or contact. They have a large collection primarily from a single, monospecific, Edmontosaurus bone bed. This bed was primarily worked by Concordia College and the collection was split between SRPD and the NDGS. Unsure of the extent of their current exploration program.</p> <p>(Ullman et. Al, 2017)</p>
102	Timber Lake and Area Museum Timber Lake, SD (TLAM)	No online database	<p>Pulled very rough census from conversations with associates as well as a phone conversation with an unknown volunteer. Follow-up emails were not returned.</p> <p>(Personal communication, Clint Boyd, 2017)</p> <p>(Personal communication, Andrew Farke, 2017)</p>
103	Tri-State Museum Belle Fourche, SD (TSM)	Internal database, but No online database	Census numbers obtained via personal visits to the collection.
	<u>PRIVATE MUSEUMS, SCIENCE CENTERS, COMMERCIAL COLLECTIONS and EDUCATIONAL TOUR COMPANIES:</u>	Online Database Link	References and Notes
104	Babiarz Institute of Paleontological Sciences (BIOPSI)	No online database	<p>Obtained a complete census via email conversation with the owner. They have only one specimen from the HC and do not have a field exploration program.</p> <p>(Personal communication, John Babiarz, 2017)</p>
105	Black Hills Institute Geology Museum (BHIGR)	Internal database but, no online database	<p>Obtained a partial census via Owner and lead curator, supplemented by several visits to the collection. BHIGR has a very large collection of Hell Creek and Lance material including one of the best collections of Tyrannosaurs. They have multiple unprepared and uncatalogued specimens along with lots of teeth that were not counted in this census. The number of isolated bones and teeth likely is 2-3x that reported. They have a very active and annual exploration program in the Hell Creek/Lance.</p> <p>(Personal communication, Peter Larson, 2017)</p>
106	Duluth Children's Museum	No online database	Obtained a partial census based on personal knowledge of the collection.
107	Glendive Dinosaur and Fossil Museum	No online database	<p>Did not return emails or phone calls. Very rough, minimum estimate based upon website descriptions, press releases and visitor photos. Currently working on a private ranch in the Hell Creek Fm.</p> <p>Approaches collection from a creationist viewpoint.</p>
108	Hell Creek Fossils	No online database	<p>Obtained a very rough skeleton estimate from the owner. They appear to have a very active exploration program in the Hell Creek Fm. They also have a working relationship with Winona State College.</p> <p>(Personal communication, Adam Schroeder, 2018)</p>

	INSTITUTION	Online Database Link	References and Notes
109	Memphis Pink Palace Museum	No online database	Obtained a complete census via phone conversation with collections manager. They do not have an exploration program. All specimens purchased. (Personal communication, Jestein Gibson, 2018)
110	Middle Tennessee Museum of Natural History	No online database	Obtained a complete census via email conversations with the director/owner. (Personal communication, Alan Brown, 2017)
111	Museum of World Treasures (MWT)	No online database	Obtained a complete census via email with the director. (Personal communication, Steven King, 2017)
112	PaleoAdventures Research Collection (PARC)	www.virtualdinosaurmuseum.com	Census data was obtained directly from our online database and personal knowledge. This is our collection of scientific grade material. Additional commercial grade material and unprepared research grade material is twice this number and was not counted. The majority of elements are from a single, polyspecific bone bed in SD. We have a very active, annual exploration program.
113	Paleo Park Zerbst Ranch	No online database	Obtained late response just prior to publication. Unable to obtain any complete census data. "Hundreds" They do have an annual collection program. (Personal communication, Kristen Stauffer, 2018)
114	Paleo Prospectors	No online database	Did not return emails or phone calls. Unable to obtain any reliable census data, other than one specimen we are aware of. They do have a very active exploration program in the Hell Creek Fm. (Personal communication, Leonard Licking, 2016)
115	Paleotrek Carl Campbell	No online database	Did not return emails. Unable to obtain any reliable census data. They appear to have had a very active exploration program in the Hell Creek Fm. and most likely working through the St. Louis Science Center.
116	PaleoWorld	No online database	Did not return emails or phone calls. Unable to obtain any reliable census data. They used to have a very active exploration program, but may no longer be active. According to colleagues and available literature they did have multiple Triceratops specimens, at the Garfield County Museum, but unsure where they are housed presently. This should be a very significant collection once located. (Personal communication, Lance Schnatterly, 2017) (Lyson and Longerich, 2011.)
117	Pangea Fossils/ Great Traveling Dinosaur Show	No online database	Obtained a partial census of major skeletons only, via facebook conversations with the owner. They do have an active exploration/acquisition program and have a large collection of isolated bones and teeth that have not been counted. (Personal communication, Terry Ciotka, 2017)
118	Rocky Mountain Dinosaur Resource Center and Triebold Paleontology (RMDRC/TPI)	No online database	Obtained a partial census of major skeletons only, via emails and phone conversations with the owner, supplemented by website descriptions. They have a very active, annual exploration program and multiple important sites in the Hell Creek Fm. Recent emphasis, however has been Judith River dinosaurs. (Personal communication, Mike Triebold, 2016)

	INSTITUTION	Online Database Link	References and Notes
119	<i>Tellus Science Museum</i>	<i>No online database</i>	<p><i>Obtained a partial census from phone conversations with new curator, visitor photos and website. They do not have a large collection of original bones (casts mostly) or an exploration program.</i></p> <p><i>(Personal communication, Ryan Rooney, 2018)</i></p>
120	<i>T-Rexplorers LLC</i>	<i>No online database</i>	<p><i>Obtained a complete census via email and phone conversations with the owners.</i></p> <p><i>(Personal communication, David and Trish Howe, 2017)</i></p>
121	<i>West Palm Beach Museum (WPBM)</i>	<i>No online database</i>	<p><i>Obtained a partial census of major skeletons, including an estimate of isolated bones and teeth via phone conversations with the curator and available literature. This was supplemented by personal visits to see portions of the collection. Most of this collection is unprepared and in storage. Formerly conducted under the Graves Museum. They have an active and annual exploration program, but do not have a physical building for displays at this time.</i></p> <p><i>Some specimens may now be accessioned under Florida Atlantic University.</i></p> <p><i>(Personal communication, Robert DePalma, 2017; 2018)</i> <i>(Depalma, 2010)</i></p>
122	<i>Wyoming Dinosaur Center (WDC)</i>	<i>No online database</i>	<p><i>Obtained a rough estimate of the collection including good data on skeletons, via emails with the curator and collections manager, supplemented by personal knowledge. They appear to have a large collection of unprepared, uncatalogued, isolated bones from a single, monospecific, Edmontosaurus bone bed in WY (This same quarry produced the old Hanka Collection, most of which, is now acquired by DMNS.)</i></p> <p><i>(Personal communication, Jessica Lippincott and Levi Shinkle, 2017)</i></p>
	<u>PRIVATE COLLECTIONS</u>	Online Database Link	References and Notes
123	<i>The Albro Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Dan Albro, 2017)</i></p>
124	<i>Anonymous 1 (CA- collector)</i>	<i>No online database</i>	<i>Obtained a rough estimate based upon news reports, common knowledge, or personal communication.</i>
125	<i>Anonymous 2 (OR- collector)</i>	<i>No online database</i>	<i>Obtained rough estimate based upon public sources, common knowledge, or personal communication. Owner requested anonymity.</i>
126	<i>Anonymous 3 (German collector)</i>	<i>No online database</i>	<p><i>The ownership of the T. rex skeleton known as "Tinker" is via anonymous German collector. Currently on display in the United Arab Emirates</i></p> <p><i>(Larson, 2008)</i></p>
127	<i>Anonymous 4 (unknown collector)</i>	<i>No online database</i>	<i>Location and ownership of T. rex known as "Barnum" is unknown (Larson, 2008)</i>
128	<i>Anonymous 5 (MA- collector)</i>	<i>No online database</i>	<i>Obtained rough estimate based upon public sources, common knowledge, or personal communication. Owner requested anonymity.</i>
129	<i>Anonymous 6 (MT- Rancher)</i>	<i>No online database</i>	<i>Obtained rough estimate based upon public sources, common knowledge, or personal communication. Owner requested anonymity.</i>

	INSTITUTION	Online Database Link	References and Notes
130	<i>The Bliss Collection</i>	<i>No online database</i>	<p><i>Obtained a rough estimate from the owner. This collection is reportedly very large, but includes only isolated remains from multiple channel lags on the owners ranch. Detailed census is not possible at this time as much is unprepared and unidentified. Annual collection program.</i></p> <p><i>(Personal communication, Frank, Bliss, 2017)</i></p>
131	<i>The Bolan Collection</i>	<i>No online database</i>	<p><i>Unable to obtain an accurate census at this time. Personally observed large collection in 2012. Does have an active exploration program from their own ranch.</i></p>
132	<i>The Burkett Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Matt Burkett, 2017)</i></p>
133	<i>The Clarke Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner. Most fossils acquired through purchase, but does have an annual exploration program from multiple sites.</i></p> <p><i>(Personal communication, Bryan Clarke, 2017)</i></p>
134	<i>The Ermish-Gunther Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Susan Ermish-Guther, 2017)</i></p>
135	<i>The Francino Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Frank Francino, 2017)</i></p>
136	<i>The Fritz Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Sam Fritz, 2018)</i></p>
137	<i>Anonymous 7 KS Collector</i>	<i>No online database</i>	<p><i>Unable to obtain an accurate census at this time. Some of the material is intended to be long-term private collection and other parts are more commercial.</i></p>
138	<i>The Licking Collection</i>	<i>No online database</i>	<p><i>Personal visits to collection</i></p>
149	<i>The Lev Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Jay Lev, 2017)</i></p>
140	<i>The Mendoza Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Henry Mendoza, 2017)</i></p>
141	<i>Millard Wisconsin Museum Jim Boyd Collection?</i>	<i>No online database</i>	<p><i>Could not find contact information. No census data available.</i></p>
142	<i>The A. Olson Collection</i>	<i>No online database</i>	<p><i>Could not find contact information. No census data available.</i></p>
143	<i>The Sasoni Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, Mike Sasoni, 2017)</i></p>
144	<i>The Scandizzo Collection</i>	<i>No online database</i>	<p><i>Detailed census of private collection by owner.</i></p> <p><i>(Personal communication, John Scandizzo, 2017)</i></p>

	INSTITUTION	Online Database Link	References and Notes
145	<i>The Schnatterly Collection</i>	<i>No online database</i>	<i>Detailed census of private collection by owner. (Personal communication, Lance Schnatterly, 2017)</i>
146	<i>The Tufts Collection</i>	<i>No online database</i>	<i>Detailed census of private collection by owner. (Personal communication, Tyler Tufts, 2017)</i>
147	<i>The Viele Collection</i>	<i>No online database</i>	<i>Detailed census of private collection by owner. (Personal communication, Jen Viele, 2017)</i>
148	<i>The Walsh Collection</i>	<i>No online database</i>	<i>Detailed census of private collection by owner. (Personal communication, Evan Walsh, 2017)</i>
	COMMERCIAL COLLECTIONS		(Skeletons and skulls only)
149	<i>CK Prep Chris Morrow</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
150	<i>The Carter Collection</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
151	<i>Dietrich Fossil Company Allen and Bob Dietrich</i>	<i>No online database</i>	<i>(Personal communication, Bob Dietrich, 2018)</i>
152	<i>Dinoland Plus Alan Stout</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
153	<i>Dinosaurs of America Jason Cooper</i>	<i>No online database</i>	<i>Did not return email. Obtained a partial census of major skeletons from website</i>
154	<i>Dinosaurs and More Gary Olson</i>	<i>No online database</i>	<i>(Personal communication, Gary Olson, 2018)</i>
155	<i>The Fishbaugh Collection</i>	<i>No online database</i>	<i>(Personal communication, Shawn Fishbaugh, 2017)</i>
156	<i>Geodecor Tom Lingren</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
157	<i>Great Plains Paleontology Craig Pfister</i>	<i>No online database</i>	<i>Did not respond to email. Any information obtained via company website and literature. May have less Tyrannosaurs after recent sale. (Larson, 2008)</i>
158	<i>Hell Creek Dino Matt Wirt</i>	<i>No online database</i>	<i>Partial census for main skeletons via personal communication with owner + obtained through website. (Personal communication, Matt Wirt, 2017)</i>
159	<i>Hell Creek Relics Alan Komrosky</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
160	<i>In the Beginning Fossils Jared Hudson</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
161	<i>Lawson Fossils Riley Lawson</i>	<i>No online database</i>	<i>(Personal communication, Riley Lawson, 2018)</i>

	INSTITUTION	Online Database Link	References and Notes
162	<i>Maxilla and Mandible Henry Galiano</i>	<i>No online database</i>	<i>(Personal communication, Henry Galiano, 2018)</i>
163	<i>Mike Harris Collection</i>	<i>No online database</i>	<i>Obtained a partial census of the collection via direct observation as well as phone calls to owner. (Personal communication, Mike Harris, 2017)</i>
164	<i>Montana Dinosaur Company Mark Eatman</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
165	<i>Nuss Fossils</i>	<i>No online database</i>	<i>(Personal Communication Candy and Fred Nuss, 2018)</i>
166	<i>The Phipps Collection</i>	<i>No online database</i>	<i>(Personal communication, Clayton Phipps, 2018)</i>
167	<i>The Poel Collection</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge. T. rex known as "King Kong" is a composite of two specimens formally known as "Otto" and "Ollie".</i>
168	<i>Prehistoric Fossils (Indiana9)</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
169	<i>The Sacrison Collection</i>	<i>No online database</i>	<i>Did not contact. Any information obtained via company websites, press releases, or common knowledge</i>
170	<i>Theropoda Matt Williams</i>	<i>No online database</i>	<i>Obtained a partial census for main skeletons via email and personal discussions with owners, plus reiew of their website. (Personal communication, Tommy Heitkamp and Matt Williams)</i>