Measurement Data from Zapus Morphometric Study for Initial Set of 105 Museum Specimens

Author Mary Conner; Funding provided by the United Stated Fish and Wildlife Service, Denver, Colorado.

These data are analyzed and summarized in:

Conner, M. M. and T. M. Shenk. 2002. Use of morphometric measurement to differentiate *Zapus hudsonius preblei* from *Zapus princeps princeps* in Colorado and southeastern Wyoming. Final Report for United States Fish and Wildlife Service, Denver Colorado.

Conner, M. M. and T. M. Shenk. 2003. Identifying *Zapus hudsonius preblei* from *Zapus princeps princeps* by using repeated cranial measurements. Journal of Mammalogy 84:1456-1463.

All animal information from museum records; e.g., species, age, sex are from specimen tags.

SPECIES: 0 = Z. p. princeps, 1 = Z. h. preblei

LM1FOLD: 0 = absent, 1 = present

LM3WEAR: 0 = no wear (juvenile), 1 = some wear (adult)

See "Measurement Key" tab for key to measurement abbreviations.

Blank cells indicate no data or a skull break that made a measurement impossible.

Sorted by Elevation+Catalogue Number

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
451	5105	CU	8/17/1946	1	0	A	F	CO	459700	4431360	1506		12.74	4.66		9.37	4.24	9.69	4.25	4.75	4.93	2.32	0.52	0	1
452	5105	CU	8/17/1946	1	0	A	F	CO	459700	4431360	1506		12.75	4.65		9.39	4.15	9.83	4.29	4.75	4.93	2.32	0.53	0	1
551	5105	CU	8/17/1946	2	0	A	F	CO	459700	4431360	1506		12.96	4.65	2.39	9.55	4.32	9.82	4.14	4.26	4.87	2.21	0.62	0	1
552	5105	CU	8/17/1946	2	0	A	F	CO	459700	4431360	1506		12.83	4.65	2.39	9.69	4.06	9.91	4.14	4.19	4.87	2.20	0.62	0	1
853	5105	CU	8/17/1946	2	0	A	F	CO	459700	4431360	1506		12.93	4.67	2.32	9.61	4.22	10.18	4.16	4.18	4.97	2.21	0.62	0	1
854	5105	CU	8/17/1946	2	0	A	F	CO	459700	4431360	1506		12.84	4.67	2.22	9.55	4.14	10.02	4.18	4.21	4.98	2.35	0.62	0	1
899	5105	CU	8/17/1946	1	0	A	F	CO	459700	4431360	1506		12.93	4.63		9.29	4.17	9.84	4.42	4.46	4.99	2.33	0.53	0	1
900	5105	CU	8/17/1946	1	0	A	F	CO	459700	4431360	1506		12.96	4.63		9.23	4.15	9.75	4.39	4.47	4.91	2.30	0.53	0	1
19	2971	DMNS	9/3/1935	1	1	A	M	CO	488500	4441700	1527	20.21	9.76	4.16	1.74	8.63	3.28	8.20	3.91	3.78	4.15	1.94	0.55	1	1
20	2971	DMNS	9/3/1935	1	1	A	M	CO	488500	4441700	1527	20.23	9.76	4.17	1.71	8.69	3.21	8.18	4.01	3.82	4.16	1.96	0.56	1	1
181	2971	DMNS	9/3/1935	2	1	A	M	CO	488500	4441700	1527	20.28	10.58	4.35	1.71	9.17	3.48	8.28	4.34	3.28	4.37	1.97	0.52	1	1
182	2971	DMNS	9/3/1935	2	1	A	M	CO	488500	4441700	1527	20.21	10.47	4.37	1.58	9.04	3.38	8.42	4.76	3.30	4.23	1.95	0.49	1	1
295	2971	DMNS	9/3/1935	1	1	A	M	CO	488500	4441700	1527	20.14	10.61	4.37	1.66	9.88	3.50	8.00	3.90	3.87	4.39	2.04		0	0
296	2971	DMNS	9/3/1935	1	1	A	M	CO	488500	4441700	1527	20.16	10.67	4.24	1.80	9.90	3.74	8.18	3.93	3.89	4.27	2.04		0	0
321	2971	DMNS	9/3/1935	2	1	A	M	CO	488500	4441700	1527	20.15	10.61	4.24	1.72	9.02	3.44	8.35	3.66	4.01	4.20	1.93	0.51	1	1
322	2971	DMNS	9/3/1935	2	1	A	M	CO	488500	4441700	1527	20.15	10.71	4.30	1.84	8.87	3.41	8.25	3.62	4.00	4.38	1.94	0.51	1	1
39	2394	DMNS	1/7/1930	1	1	A	F	CO	485700	4439100	1553	20.25	11.36	4.17	1.62	8.49	3.10	8.85	4.03	3.88	4.50	2.10	0.48	1	1
40	2394	DMNS	1/7/1930	1	1	A	F	CO	485700	4439100	1553	20.27	11.33	4.20	1.68	8.35	3.04	8.89	4.06	3.82	4.45	2.12	0.42	1	1
161	2394	DMNS	1/7/1930	2	1	A	F	CO	485700	4439100	1553	20.69	10.83	4.09	1.68	9.00	3.24	8.98	3.99	3.86	4.39	1.91	0.45	0	1
162	2394	DMNS	1/7/1930	2	1	A	F	CO	485700	4439100	1553	20.91	11.23	4.14	2.00	9.19	3.22	9.09	3.96	3.67	4.12	1.83	0.54	0	1
261	2394	DMNS	1/7/1930	1	1	A	F	CO	485700	4439100	1553	20.74	11.22	4.22	1.75	8.52	3.05	8.73	3.98	3.81	4.41	2.21	0.50	1	1
262	2394	DMNS	1/7/1930	1	1	A	F	CO	485700	4439100	1553	20.79	11.16	4.20	1.69	8.63	3.15	8.78	3.96	3.75	4.35	2.11	0.51	1	1
301	2394	DMNS	1/7/1930	2	1	A	F	CO	485700	4439100	1553	21.65	11.15	4.41	1.61	8.83	3.26	8.91	4.00	3.93	4.21	2.08	0.69	0	1
302	2394	DMNS	1/7/1930	2	1	A	F	CO	485700	4439100	1553	21.61	11.29	4.39	1.75	8.82	3.42	8.81	3.99	3.71	4.03	2.05	0.67	0	1
487	5210	CU	8/3/1947	1	1	A	M	CO	484000	4442900	1554	21.15	11.10	4.09		8.97	3.30	8.45	3.95	3.98	4.64	1.98	0.52	1	1
488	5210	CU	8/3/1947	1	1	A	M	CO	484000	4442900	1554	21.14	11.10	4.08		8.91	3.40	8.34	3.83	3.90	4.63	1.96	0.53	1	1
601	5210	CU	8/3/1947	2	1	A	M	CO	484000	4442900	1554	20.85	11.14	4.06	1.48	8.25	3.24	8.73	3.55	3.62	4.45	2.03	0.66	1	1
602	5210	CU	8/3/1947	2	1	A	M	CO	484000	4442900	1554	20.90	11.18	4.11	1.58	8.23	3.36	8.74	3.63	3.63	4.51	2.00	0.71	1	1
805	5210	CU	8/3/1947	2	1	A	M	CO	484000	4442900	1554	21.12	11.51	3.99	1.69	8.74	3.14	8.55	3.58	3.62	4.56	1.95	0.59	1	1
806	5210	CU	8/3/1947	2	1	A	M	CO	484000	4442900	1554	21.40	11.31	3.99	1.46	8.57	3.08	8.77	3.57	3.62	4.49	1.97	0.58	1	1
921	5210	CU	8/3/1947	1	1	A	M	CO	484000	4442900	1554	20.93	10.94	4.09		8.38		8.51	4.21	3.84	4.56	2.09	0.56	1	1
922	5210	CU	8/3/1947	1	1	A	M	CO	484000	4442900	1554	20.89	10.92	4.09		8.35		8.51	4.32	3.86	4.58	2.03	0.55	1	1
937	5210	CU	8/3/1947	1	1	A	M	CO	484000	4442900	1554	20.89	10.83	4.27		9.02		8.40	3.85	3.96	4.45	1.85	0.53	1	0
938	5210	CU	8/3/1947	1	1	A	M	CO	484000	4442900	1554	20.83	10.90	4.29		8.90		8.41	4.00	4.03	4.31	1.89	0.53	1	0
493	503	CU	5/5/1908	1	1	A	F	CO	486200	4429400	1609	19.41	10.59	4.17	2.15	8.75	3.36	7.75	3.76	3.95	4.10	1.88	0.42	0	1
494	503	CU	5/5/1908	1	1	A	F	CO	486200	4429400	1609	19.37	10.51	4.15	2.10	8.72	3.42	7.82	3.71	3.94	4.15	1.86	0.48	0	1
607	503	CU	5/5/1908	2	1	A	F	CO	486200	4429400	1609	19.54	10.68	4.26	2.19	8.51	3.45	7.97	3.68	3.61	4.34	1.94	0.47	1	1
608	503	CU	5/5/1908	2	1	A	F	CO	486200	4429400	1609	19.44	10.77	4.20	1.83	8.52	3.64	8.05	3.65	3.61	4.49	1.95	0.52	1	1
809	503	CU	5/5/1908	2	1	A	F	CO	486200	4429400	1609	19.60	10.65	4.15	1.84	8.90	3.37	7.99	3.57	3.81	4.27	1.99	0.41	1	1
810	503	CU	5/5/1908	2	1	A	F	CO	486200	4429400	1609	19.59	10.69	4.17	2.00	8.81	3.37	7.83	3.60	3.62	4.27	2.01	0.42	1	1
917	503	CU	5/5/1908	1	1	A	F	CO	486200	4429400	1609	19.46	11.08	4.38	2.06	9.01	3.37	7.58	3.64	3.81	4.15	1.87	0.42	1	1
918	503	CU	5/5/1908	1	1	A	F	CO	486200	4429400	1609	19.46	11.03	4.38	2.07	8.97	3.46	7.58	3.62	3.81	4.13	1.83	0.42	1	1
57	9564	DMNS	8/13/1998	1	1	A	F	CO	481147	4426855	1615	20.00	11.26	3.91	1.74	8.56	3.32	8.48	3.82	3.64	4.40	1.80	0.52	1	1
58	9564	DMNS	8/13/1998	1	1	A	F	CO	481147	4426855	1615	20.02	11.25	3.95	1.75	8.70	3.24	8.49	3.87	3.69	4.46	1.75	0.52	1	1
119	9564	DMNS	8/13/1998	2	1	A	F	CO	481147	4426855	1615	20.86	10.96	4.16	1.78	8.54	3.27	8.53	3.59	3.58	4.51	1.97	0.66	1	1
120	9564	DMNS	8/13/1998	2	1	A	F	CO	481147	4426855	1615	20.85	10.98	4.29	1.73	8.24	3.41	8.53	3.59	3.18	4.32	1.79	0.62	1	1
203	9564	DMNS	8/13/1998	1	1	A	F	CO	481147	4426855	1615	20.28	11.29	4.20	1.62	8.62	3.28	8.00	3.89	4.03	4.42	1.98	0.50	1	1
204	9564	DMNS	8/13/1998	1	1	A	F	CO	481147	4426855	1615	20.25	11.19	4.18	1.74	8.64	3.25	8.12	3.77	4.09	4.38	1.97	0.50	1	1
379	9564	DMNS	8/13/1998	2	1	A	F	CO	481147	4426855	1615	20.72	11.45	4.01	1.92	8.35	3.39	8.58	3.54	3.94	4.32	2.01	0.54	1	1
380	9564	DMNS	8/13/1998	2	1	A	F	CO	481147	4426855	1615	20.38	11.33	4.10	1.86	8.04	3.49	8.45	3.47	3.90	4.54	2.00	0.56	1	1
79	9578	DMNS	7/17/1997	1	1	A	F	CO	481200	4425200	1625	20.82	11.26	4.35	1.98	8.91	3.07	8.01	4.17	3.80	4.11	2.13	0.47	1	1
80	9578	DMNS	7/17/1997	1	1	A	F	CO	481200	4425200	1625	20.86	11.12	4.41	1.99	8.92	3.18	8.06	4.22	3.91	4.06	2.15	0.46	1	1
141	9578	DMNS	7/17/1997	2	1	A	F	CO	481200	4425200	1625	20.87	11.34	4.42	1.73	8.36	3.28	8.39	3.73	3.60	3.90	2.10	0.59	1	1
142	9578	DMNS	7/17/1997	2	1	A	F	CO	481200	4425200	1625	20.86	11.45	4.40	1.66	8.39	3.29	8.34	3.72	3.61	3.69	2.09	0.61	1	1
225	9578	DMNS	7/17/1997	1	1	A	F	CO	481200	4425200	1625	20.43	11.26	4.37	1.82	7.34	3.05	7.99	3.98	3.69	4.14	2.09	0.46	1	1
226	9578	DMNS	7/17/1997	1	1	A	F	CO	481200	4425200	1625	20.49	11.28	4.38	1.93	7.20	3.29	7.99	3.99	3.70	4.18	2.07	0.46	1	1
711	9578	DMNS	7/17/1997	2	1	A	F	CO	481200	4425200	1625	20.34	11.21	4.42	1.62	8.73	3.47	7.85	3.81	3.89	4.14	2.12	0.53	1	1
712	9578	DMNS	7/17/1997	2	1	A	F	CO	481200	4425200	1625	20.24	11.30	4.33	1.78	8.53	3.31	8.08	3.80	3.89	3.89	2.11	0.54	1	1
409	17733	CU	9/14/1991	1	1	A	F	CO	482000	4426100	1625		11.31	4.31	1.77	8.94	3.22	7.89	3.78	3.56	3.95	1.98	0.45	0	1
410	17733	CU	9/14/1991	1	1	A	F	CO	482000	4426100	1625		11.37	4.32	1.91	8.83	3.29	7.89	3.88	3.56	4.10	1.99	0.44	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
533	17733	CU	9/14/1991	1	1	A	F	CO	482000	4426100	1625		11.31	4.23	1.70	8.42	3.33	7.99	4.02	3.78	3.96	2.06	0.43	1	0
534	17733	CU	9/14/1991	1	1	A	F	CO	482000	4426100	1625		11.38	4.25	1.78	8.39	3.33	8.03	3.97	3.83	3.99	2.06	0.42	1	0
623	17733	CU	9/14/1991	2	1	A	F	CO	482000	4426100	1625	19.69	11.30	4.24	1.51	8.80	3.36	8.03	3.64	3.54	3.98	2.10	0.61	1	1
624	17733	CU	9/14/1991	2	1	A	F	CO	482000	4426100	1625	19.85	11.49	4.25	1.65	8.61	3.39	8.40	3.65	3.54	3.98	2.00	0.56	1	1
821	17733	CU	9/14/1991	2	1	A	F	CO	482000	4426100	1625	19.72	11.31	4.25	1.70	8.02	3.48	7.97	3.66	3.82	3.87	2.08	0.52	1	1
822	17733	CU	9/14/1991	2	1	A	F	CO	482000	4426100	1625	19.64	11.34	4.25	1.90	8.36	3.32	8.32	3.64	3.81	3.98	2.11	0.51	1	1
429	1225	CU	5/30/1914	1	1	A	M	CO	478000	4428500	1646		10.60	4.22		9.03	3.47	8.04	3.94	3.76	4.12	2.04	0.42	0	1
430	1225	CU	5/30/1914	1	1	A	M	CO	478000	4428500	1646		10.56	4.30		8.98	3.56	8.07	3.84	3.78	4.06	2.02	0.41	0	1
515	1225	CU	5/30/1914	1	1	A	M	CO	478000	4428500	1646			4.26		8.86	3.45	8.17	4.03	3.82	4.12	1.97	0.43	1	1
516	1225	CU	5/30/1914	1	1	A	M	CO	478000	4428500	1646			4.26		8.75	3.48	8.19	4.00	3.82	4.01	1.96	0.41	1	1
627	1225	CU	5/30/1914	2	1	A	M	CO	478000	4428500	1646			4.24		8.87	3.68	8.50	3.72	3.70	4.27	2.15	0.49	1	1
628	1225	CU	5/30/1914	2	1	A	M	CO	478000	4428500	1646			4.23		8.88	3.60	8.44	3.73	3.70	4.09	2.08	0.46	1	1
815	1225	CU	5/30/1914	2	1	A	M	CO	478000	4428500	1646	20.33	10.42	4.27	1.83	8.58	3.52	8.32	3.72	3.88	4.06	2.08	0.60	1	1
816	1225	CU	5/30/1914	2	1	A	M	CO	478000	4428500	1646	20.00	10.48	4.26	1.54	8.53	3.51	8.25	3.41	3.72	4.08	2.19	0.55	1	1
963	1225	CU	5/30/1914	1	1	A	M	CO	478000	4428500	1646	20.02	10.95	4.25		9.18	3.50	8.28	3.92	3.83	4.00	2.16	0.44	1	1
964	1225	CU	5/30/1914	1	1	A	M	CO	478000	4428500	1646	19.98	10.98	4.33		9.15	3.56	8.30	3.90	3.81	3.97	2.10	0.44	1	1
93	9314	DMNS	7/16/1997	1	1	A	M	CO	480000	4423000	1646	20.79	10.72	4.20	2.26	8.57	3.62	8.40	3.98	3.89	4.72	2.22	0.45	1	1
94	9314	DMNS	7/16/1997	1	1	A	M	CO	480000	4423000	1646	20.83	10.47	4.26	2.06	8.62	3.55	8.39	3.95	3.88	4.68	2.26	0.49	1	1
115	9314	DMNS	7/16/1997	2	1	A	M	CO	480000	4423000	1646	21.07	11.61	4.17	2.10	8.97	3.18	8.57	3.97	4.20	4.49	2.22	0.74	1	1
116	9314	DMNS	7/16/1997	2	1	A	M	CO	480000	4423000	1646	21.07	11.80	4.12	2.10	8.89	3.16	8.89	4.11	4.03	4.67	2.26	0.57	1	1
253	9314	DMNS	7/16/1997	1	1	A	M	CO	480000	4423000	1646	20.93	11.24	4.15	1.68	8.91	2.99	8.51	3.93	3.72	4.57	2.22	0.45	1	1
254	9314	DMNS	7/16/1997	1	1	A	M	CO	480000	4423000	1646	20.94	11.27	4.11	1.67	8.84	3.33	8.29	3.95	3.66	4.49	2.20	0.44	1	1
767	9314	DMNS	7/16/1997	2	1	A	M	CO	480000	4423000	1646	20.76	11.89	4.54	2.10	9.07	3.48	8.51	3.69	3.58	4.67	2.22	0.47	1	1
768	9314	DMNS	7/16/1997	2	1	A	M	CO	480000	4423000	1646	20.97	11.58	4.16	1.97	9.06	3.72	8.54	3.65	3.55	4.76	2.23	0.48	1	1
13	9843	DMNS	7/10/1998	1	1	A	M	CO	480280	4423640	1675	20.93	11.09	4.25	1.84	9.27	3.55	8.45	4.30	4.02	4.56	2.22	0.56	1	1
14	9843	DMNS	7/10/1998	1	1	A	M	CO	480280	4423640	1675	21.00	11.15	4.25	1.85	9.23	3.54	8.45	4.43	3.95	4.49	2.18	0.59	1	1
187	9843	DMNS	7/10/1998	2	1	A	M	CO	480280	4423640	1675	20.98	11.17	4.35	2.01	9.07	3.69	8.57	3.83	3.81	4.45	2.03	0.53	1	1
188	9843	DMNS	7/10/1998	2	1	A	M	CO	480280	4423640	1675	20.94	11.22	4.24	1.95	9.07	3.65	8.57	3.82	3.70	4.49	2.25	0.60	1	1
289	9843	DMNS	7/10/1998	1	1	A	M	CO	480280	4423640	1675	20.89	11.07	4.27	1.85	9.70	3.32	8.38	4.36	3.88	4.52	1.99	0.46	1	1
290	9843	DMNS	7/10/1998	1	1	A	M	CO	480280	4423640	1675	20.90	11.07	4.25	1.88	9.20	3.27	8.37	4.25	3.86	4.57	1.97	0.46	1	1
327	9843	DMNS	7/10/1998	2	1	A	M	CO	480280	4423640	1675	21.23	11.16	4.23	1.78	9.18	3.63	8.31	3.84	3.71	4.70	2.15	0.50	1	1
328	9843	DMNS	7/10/1998	2	1	A	M	CO	480280	4423640	1675	21.17	11.12	4.38	1.81	9.15	3.60	8.38	3.83	3.69	4.47	2.09	0.51	1	1
9	6634	DMNS	10/17/2009	1	1	A	M	CO			1676	19.62	11.31	4.06	2.37	8.44	2.97	8.34	4.05	3.76	4.11	1.97	0.39	0	1
10	6634	DMNS	10/17/2009	1	1	A	M	CO			1676	20.05	11.35	4.08	2.37	8.65	3.06	8.22	4.06	3.77	4.01	1.96	0.39	0	1
191	6634	DMNS	10/17/2009	2	1	A	M	CO			1676			4.13	1.85	8.97	3.10	7.91	3.64	3.57	4.16	1.78	0.59	1	1
192	6634	DMNS	10/17/2009	2	1	A	M	CO			1676			4.10	1.64	8.86	3.15	8.36	3.51	3.77	4.08	1.96	0.62	1	1
285	6634	DMNS	10/17/2009	1	1	A	M	CO			1676	20.29		4.02		8.99	2.84	8.17	3.78	3.62	4.15	1.95	0.47	0	0
286	6634	DMNS	10/17/2009	1	1	A	M	CO			1676	20.22		4.08		8.80	2.99	8.05	3.80	3.61	4.12	1.93	0.43	0	0
331	6634	DMNS	10/17/2009	2	1	A	M	CO			1676	19.95		4.05	1.94	8.94	3.28	8.14	3.62	3.79	4.27	1.89	0.58	0	1
332	6634	DMNS	10/17/2009	2	1	A	M	CO			1676	19.80		4.06	1.96	8.80	3.30	8.10	3.72	3.58	4.24	1.96	0.49	0	1
61	9204	DMNS	8/28/1997	1	1	A	F	CO	477844	4446288	1703	21.56	11.40	4.32	1.72	8.43	3.55	8.82	4.15	3.82	4.16	2.06	0.57	1	1
62	9204	DMNS	8/28/1997	1	1	A	F	CO	477844	4446288	1703	21.54	11.45	4.35	1.64	8.76	3.52	8.80	4.15	3.80	4.15	2.06	0.57	1	1
159	9204	DMNS	8/28/1997	2	1	A	F	CO	477844	4446288	1703	21.68	11.71	4.20	1.51	9.25	3.53	9.08	4.27	3.54	4.17	2.13	0.57	1	1
160	9204	DMNS	8/28/1997	2	1	A	F	CO	477844	4446288	1703	21.78	11.80	4.20	1.57	9.23	3.51	9.09	4.41	3.57	4.20	2.09	0.57	1	1
243	9204	DMNS	8/28/1997	1	1	A	F	CO	477844	4446288	1703	21.66	11.39	4.34	1.96	9.80	3.41	8.78	4.02	3.88	4.20	2.23	0.55	1	1
244	9204	DMNS	8/28/1997	1	1	A	F	CO	477844	4446288	1703	21.68	11.42	4.28	1.82	9.78	3.41	8.70	4.02	3.91	4.28	2.22	0.55	1	1
729	9204	DMNS	8/28/1997	2	1	A	F	CO	477844	4446288	1703	21.82	11.66	4.28	1.62	9.06	3.58	8.91	4.04	3.79	4.30	2.21	0.59	1	1
730	9204	DMNS	8/28/1997	2	1	A	F	CO	477844	4446288	1703	21.67	11.65	4.23	1.66	9.10	3.61	8.91	3.92	3.80	4.31	2.18	0.58	1	1
75	9205	DMNS	8/26/1997	1	1	A	M	CO	477844	4446288	1703	20.41	11.05	4.30	1.76	8.85	3.36	8.35	4.13	3.87	4.26	2.12	0.50	1	1
76	9205	DMNS	8/26/1997	1	1	A	M	CO	477844	4446288	1703	20.44	11.09	4.29	1.81	8.92	3.42	8.36	4.08	3.79	4.36	2.00	0.50	1	1
145	9205	DMNS	8/26/1997	2	1	A	M	CO	477844	4446288	1703	20.57	11.17	4.36	1.41	8.30	3.30	8.54	4.09	3.74	4.15	1.89	0.53	0	1
146	9205	DMNS	8/26/1997	2	1	A	M	CO	477844	4446288	1703	20.57	11.18	4.37	1.60	8.70	3.25	8.38	4.14	3.80	4.06	1.69	0.52	0	1
229	9205	DMNS	8/26/1997	1	1	A	M	CO	477844	4446288	1703	20.56	11.12	4.42	1.73	9.07	3.35	8.38	3.89	3.82	4.26	1.85	0.45	1	1
230	9205	DMNS	8/26/1997	1	1	A	M	CO	477844	4446288	1703	20.51	11.16	4.23	1.79	9.13	3.40	8.33	3.97	3.81	4.17	1.77	0.46	1	1
283	9205	DMNS	8/26/1997	1	1	A	M	CO	477844	4446288	1703	21.28	11.60	4.61	1.72	8.95	3.66	7.86	4.07	3.87	4.83	1.89	0.48	1	1
284	9205	DMNS	8/26/1997	1	1	A	M	CO	477844	4446288	1703	21.26	11.61	4.56	1.93	8.96	3.38	7.90	4.08	3.86	3.86	1.91	0.49	1	1
715	9205	DMNS	8/26/1997	2	1	A	M	CO	477844	4446288	1703	20.49	11.15	4.23	1.55	8.88	3.37	8.31	3.75	3.66	4.40	1.89	0.69	1	1
716	9205	DMNS	8/26/1997	2	1	A	M	CO	477844	4446288	1703	20.49	11.25	4.34	1.70	8.57	3.37	8.34	3.80	3.64	4.27	1.89	0.59	1	1
97	9570	DMNS	6/5/1998	1	1	A	M	CO	499600	4367480	1730	21.07	10.95	4.09	1.87	10.11	3.46	8.45	3.87	3.65	4.19	2.14	0.55	0	1
98	9570	DMNS	6/5/1998	1	1	A	M	CO	499600	4367480	1730	21.02	10.99	4.06	1.67	9.90	3.55	8.56	3.90	3.69	4.34	2.13	0.54	0	1
111	9570	DMNS	6/5/1998	2	1	A	M	CO	499600	4367480	1730	20.98	11.03	4.31	1.88	9.41	3.56	8.54	3.86	4.03	4.24	1.85	0.81	0	1
112	9570	DMNS	6/5/1998	2	1	A	M	CO	499600	4367480	1730	21.11	11.05	4.07	1.81	9.06	3.66	8.51	3.93	3.54	4.26	2.10	0.80	0	1
257	9570	DMNS	6/5/1998	1	1	A	M	CO	499600	4367480	1730	20.98	10.99	4.14	1.85	9.42	3.39	8.34	4.28	3.72	4.08	2.22	0.40	0	1
258	9570	DMNS	6/5/1998	1	1	A	M	CO	499600	4367480	1730	20.93	10.95	4.12	1.84	9.37	3.35	8.28	4.07	3.68	4.04	2.20	0.40	0	1
771	9570	DMNS	6/5/1998	2	1	A	M	CO	499600	4367480	1730	21.96	11.10	4.16	1.89	8.85	3.67	8.45	3.90	3.80	4.25	2.15	0.40	0	1
772	9570	DMNS	6/5/1998	2	1	A	M	CO	499600	4367480	1730	21.07	11.32	4.18	1.63	8.98	3.63	8.46	3.95	3.68	4.26	2.18	0.53	0	1
91	9573	DMNS	8/6/1998	1	1	A	F	CO	499600	4367480	1730	20.58	11.06	4.41	1.68	8.36	3.44	8.51	4.08	3.78	4.14	1.72	0.50	0	1
92	9573	DMNS	8/6/1998	1	1	A	F	CO	499600	4367480	1730	20.43	11.06	4.39	1.76	8.24	3.50	8.48	4.03	3.91	4.28	1.84	0.51	0	1
101	9573	DMNS	8/6/1998	2	1	A	F	CO	499600	4367480	1730	21.07	11.16	4.53	1.56	8.52	2.74	8.55	3.98	3.61	4.07	1.87	0.80	0	1
102	9573	DMNS	8/6/1998	2	1	A	F	CO	499600	4367480	1730	20.48	11.16	4.34	1.96	8.58	2.84	8.62	4.01	3.54	4.08	1.86	0.74	0	1
251	9573	DMNS	8/6/1998	1	1	A	F	CO	499600	4367480	1730	20.33	11.07	4.43	1.82	8.70	3.46	8.30	3.69	3.64	4.06	1.89	0.46	0	1
252	9573	DMNS	8/6/1998	1	1	A	F	CO	499600	4367480	1730	20.32	11.07	4.37	1.70	8.96	3.47	8.34	3.68	3.64	4.22	1.93	0.49	0	1
775	9573	DMNS	8/6/1998	2	1	A	F	CO	499600	4367480	1730	20.63	11.16	4.37	1.61	8.68	3.47	8.63	3.86	3.37	4.16	1.91	0.56	0	1
776	9573	DMNS	8/6/1998	2	1	A	F	CO	499600	4367480	1730	20.59	11.14	4.44	1.75	8.61	3.49	8.64	3.73	3.55	4.12	1.86	0.56	0	1
95	9875	DMNS	6/16/1999	1	1	A	F	CO	499600	4367480	1730	20.01	11.29	4.13	1.90	8.61	3.32	8.19	3.96	3.72	3.83	1.97	0.46	0	1
96	9875	DMNS	6/16/1999	1	1	A	F	CO	499600	4367480	1730	19.97	11.34	4.32	1.77	8.58	3.49	8.11	3.95	3.70	3.84	1.80	0.47	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
113	9875	DMNS	6/16/1999	2	1	A	F	CO	499600	4367480	1730	19.59	11.58	4.35	1.71	8.40	3.42	7.87	3.70	3.55	3.71	1.80	0.73	0	1
114	9875	DMNS	6/16/1999	2	1	A	F	CO	499600	4367480	1730	19.50	11.61	4.34	1.56	8.80	3.46	8.26	3.68	3.70	3.63	1.86	0.74	0	1
255	9875	DMNS	6/16/1999	1	1	A	F	CO	499600	4367480	1730	19.93	11.31	4.05	2.12	8.62	3.35	7.78	3.66	3.62	3.59	1.88	0.40	0	1
256	9875	DMNS	6/16/1999	1	1	A	F	CO	499600	4367480	1730	19.92	11.31	4.02	2.03	8.64	3.13	7.88	3.65	3.62	3.63	1.90	0.39	0	1
769	9875	DMNS	6/16/1999	2	1	A	F	CO	499600	4367480	1730	20.02	11.58	4.23	1.93	8.79	3.50	8.07	3.58	3.49	3.73		0.48	0	1
770	9875	DMNS	6/16/1999	2	1	A	F	CO	499600	4367480	1730	20.00	11.73	4.25	1.77	8.78	3.48	8.21	3.65	3.49	3.80		0.48	0	1
87	9876	DMNS	9/11/1999	1	1	A	M	CO	499600	4367480	1730	20.96	11.20	4.23	1.62	8.86	3.36	8.32	3.90	4.07	4.27	2.06	0.51	1	1
88	9876	DMNS	9/11/1999	1	1	A	M	CO	499600	4367480	1730	20.91	11.37	4.26	1.64	8.94	3.56	8.17	3.94	4.02	4.32	2.04	0.49	1	1
105	9876	DMNS	9/11/1999	2	1	A	M	CO	499600	4367480	1730	21.10	11.17	4.31	1.86	7.94	3.21	8.26	3.78	3.66	4.16	1.99	0.53	0	1
106	9876	DMNS	9/11/1999	2	1	A	M	CO	499600	4367480	1730	21.02	11.16	4.18	1.72	8.63	3.11	8.10	4.06	3.88	4.37	2.02	0.53	0	1
247	9876	DMNS	9/11/1999	1	1	A	M	CO	499600	4367480	1730	20.58	11.16	4.27	1.33	8.98	3.32	8.15	3.86	3.82	4.36	2.06	0.45	0	1
248	9876	DMNS	9/11/1999	1	1	A	M	CO	499600	4367480	1730	20.56	11.22	4.22	1.72	9.03	3.21	8.29	3.91	3.86	4.23	2.08	0.46	0	1
779	9876	DMNS	9/11/1999	2	1	A	M	CO	499600	4367480	1730	20.98	11.26	4.31	1.55	8.84	3.32	8.43	3.56	3.56	4.42	2.01	0.50	0	1
780	9876	DMNS	9/11/1999	2	1	A	M	CO	499600	4367480	1730	20.94	11.43	4.28	1.62	8.71	3.40	8.35	3.61	3.60	4.35	1.97	0.54	0	1
41	9878	DMNS	10/3/1999	1	1	A	F	CO	499600	4367480	1730	21.20	11.75	4.07	1.38	8.28	3.28	8.59	3.99	3.69	4.26	1.85	0.69	1	1
42	9878	DMNS	10/3/1999	1	1	A	F	CO	499600	4367480	1730	21.19	11.74	4.11	1.33	8.35	3.21	8.53	4.00	3.64	4.28	1.89	0.69	1	1
135	9878	DMNS	10/3/1999	2	1	A	F	CO	499600	4367480	1730	21.20	11.98	4.41	1.91	8.90	3.20	8.32	3.93	3.74	4.16	1.91	0.55	0	1
136	9878	DMNS	10/3/1999	2	1	A	F	CO	499600	4367480	1730	21.08	11.71	4.16	1.85	9.05	3.22	8.34	3.97	3.71	4.26	1.98	0.46	0	1
219	9878	DMNS	10/3/1999	1	1	A	F	CO	499600	4367480	1730	21.14	11.64	4.07	1.93	9.14	3.40	8.35	4.02	3.80	4.16	1.73	0.44	0	1
220	9878	DMNS	10/3/1999	1	1	A	F	CO	499600	4367480	1730	20.97	11.67	4.13	1.91	9.18	3.35	8.41	4.02	3.84	4.28	1.81	0.44	0	1
395	9878	DMNS	10/3/1999	2	1	A	F	CO	499600	4367480	1730	21.03	11.93	4.13	1.62	8.96	3.37	8.17	3.78	3.54	4.30	1.99	0.46	0	1
396	9878	DMNS	10/3/1999	2	1	A	F	CO	499600	4367480	1730	20.91	11.90	4.07	1.84	8.80	3.21	8.55	3.38	3.53	4.18	1.99	0.46	0	1
431	17196	CU	8/6/1988	1	1	A	M	CO	485000	4414600	1737		11.37	3.98	1.78	8.71	3.34	8.27	3.85	3.83	4.07	2.07	0.54	1	0
432	17196	CU	8/6/1988	1	1	A	M	CO	485000	4414600	1737		11.20	3.98	1.80	8.72	3.27	8.16	3.82	3.66	4.09	2.08	0.52	1	0
513	17196	CU	8/6/1988	1	1	A	M	CO	485000	4414600	1737		11.23	4.03	2.08	8.68	3.25	8.16	3.90	4.00	4.13	2.10	0.51	1	1
514	17196	CU	8/6/1988	1	1	A	M	CO	485000	4414600	1737		11.27	3.97	1.92	8.66	3.27	8.18	3.89	3.91	4.15	2.12	0.51	1	1
629	17196	CU	8/6/1988	2	1	A	M	CO	485000	4414600	1737	20.26	11.15	4.05	1.76	8.84	3.32	8.34	3.62	3.56	4.14	2.07	0.51	1	1
630	17196	CU	8/6/1988	2	1	A	M	CO	485000	4414600	1737	20.29	11.25	4.07	1.89	8.78	3.41	8.40	3.63	3.56	4.11	2.05	0.50	1	1
817	17196	CU	8/6/1988	2	1	A	M	CO	485000	4414600	1737	20.73	11.13	3.98	1.97	8.55	3.27	7.54	3.57	3.60	4.16	2.01	0.50	1	1
818	17196	CU	8/6/1988	2	1	A	M	CO	485000	4414600	1737	20.96	11.26	3.40	2.04	8.56	3.25	8.29	3.56	3.59	4.17	2.08	0.50	1	1
961	17196	CU	8/6/1988	1	1	A	M	CO	485000	4414600	1737		11.30	4.09	1.70	8.64	3.30	8.12	3.82	3.68	4.05	2.10	0.48	1	1
962	17196	CU	8/6/1988	1	1	A	M	CO	485000	4414600	1737		11.27	4.03	1.63	8.64	3.27	8.13	3.80	3.59	4.04	2.10	0.47	1	1
85	9561	DMNS	7/13/1998	1	1	A	M	CO	470650	4503800	1780	20.93	11.42	4.49	1.61	9.29	3.35	8.49	4.15	4.20	4.27	2.05	0.50	0	1
86	9561	DMNS	7/13/1998	1	1	A	M	CO	470650	4503800	1780	20.92	11.49	4.52	1.71	9.33	3.37	8.40	4.16	4.15	4.18	2.09	0.51	0	1
107	9561	DMNS	7/13/1998	2	1	A	M	CO	470650	4503800	1780	20.82	11.56	4.55	2.06	9.07	3.30	8.74	4.07	3.93	3.98	2.02	0.64	0	1
108	9561	DMNS	7/13/1998	2	1	A	M	CO	470650	4503800	1780	20.87	11.57	4.71	1.69	9.23	3.20	8.81	4.48	4.22	4.18	2.03	0.92	0	1
245	9561	DMNS	7/13/1998	1	1	A	M	CO	470650	4503800	1780	20.87	11.33	4.58	1.44	9.75	3.41	8.36	4.06	3.87	4.15	2.06	0.50	0	1
246	9561	DMNS	7/13/1998	1	1	A	M	CO	470650	4503800	1780	20.84	11.35	4.55	1.31	9.77	3.33	8.39	4.07	3.81	4.13	2.06	0.50	0	1
781	9561	DMNS	7/13/1998	2	1	A	M	CO	470650	4503800	1780	20.82	11.59	4.55	1.88	9.07	3.38	8.49	3.95	3.79	4.12	2.02	0.60	0	1
782	9561	DMNS	7/13/1998	2	1	A	M	CO	470650	4503800	1780	20.80	11.36	4.49	1.65	9.11	3.45	8.72	4.01	3.82	4.08	2.01	0.57	0	1
11	9853	DMNS	9/15/1999	1	1	A	M	CO	503500	4357800	1796	20.23	11.06	4.31	1.90	8.28	3.09	8.07	4.31	3.96	4.23	1.87	0.67	1	1
12	9853	DMNS	9/15/1999	1	1	A	M	CO	503500	4357800	1796	20.15	11.01	4.30	1.82	8.68	3.05	8.10	4.20	3.89	4.20	1.89	0.64	1	1
189	9853	DMNS	9/15/1999	2	1	A	M	CO	503500	4357800	1796	20.35	11.04	4.31	2.18	9.10	3.11	8.18	3.78	3.66	4.18	1.85	0.60	1	1
190	9853	DMNS	9/15/1999	2	1	A	M	CO	503500	4357800	1796	20.24	11.16	4.39	2.21	9.09	3.24	8.32	3.79	3.61	4.15	1.88	0.61	1	1
287	9853	DMNS	9/15/1999	1	1	A	M	CO	503500	4357800	1796	20.19	11.02	4.30	2.15	8.94	3.21	7.66	3.87	3.72	4.14	1.87	0.42	1	1
288	9853	DMNS	9/15/1999	1	1	A	M	CO	503500	4357800	1796	20.19	11.15	4.39	2.03	8.96	3.08	7.83	3.89	3.69	4.19	1.87	0.43	1	1
329	9853	DMNS	9/15/1999	2	1	A	M	CO	503500	4357800	1796	20.20	11.08	4.43	1.95	8.88	3.27	8.21	3.79	3.66	4.17	1.84	0.58	1	1
330	9853	DMNS	9/15/1999	2	1	A	M	CO	503500	4357800	1796	20.31	11.17	4.41	1.99	8.80	3.31	8.08	3.77	3.65	4.25	1.87	0.59	1	1
69	9857	DMNS	8/26/1999	1	1	A	M	CO	503500	4357800	1796	21.49	11.48	4.42	1.77	9.11	3.52	8.62	4.27	3.97	4.15	2.19	0.51	0	1
70	9857	DMNS	8/26/1999	1	1	A	M	CO	503500	4357800	1796	21.47	11.55	4.46	1.75	9.19	3.50	8.57	4.29	3.88	4.19	2.19	0.54	0	1
151	9857	DMNS	8/26/1999	2	1	A	M	CO	503500	4357800	1796	21.57	11.57	4.53	1.81	8.95	3.57	8.71	3.87	3.63	3.78	2.20	0.52	0	1
152	9857	DMNS	8/26/1999	2	1	A	M	CO	503500	4357800	1796	21.56	11.43	4.44	2.85	9.84	3.62	8.54	3.86	3.77	4.06	2.20	0.66	0	1
235	9857	DMNS	8/26/1999	1	1	A	M	CO	503500	4357800	1796	21.70	11.37	4.49	1.87	8.76	3.34	8.38	3.82	4.00	4.09	2.25	0.49	0	1
236	9857	DMNS	8/26/1999	1	1	A	M	CO	503500	4357800	1796	21.72	11.24	4.51	1.89	8.81	3.40	8.51	3.81	3.92	4.00	2.27	0.49	0	1
721	9857	DMNS	8/26/1999	2	1	A	M	CO	503500	4357800	1796	21.51	11.50	4.44	2.00	8.61	3.36	8.52	3.99	3.75	4.23	2.17	0.51	0	1
722	9857	DMNS	8/26/1999	2	1	A	M	CO	503500	4357800	1796	21.47	11.40	4.43	2.07	8.49	3.65	8.66	3.91	3.74	3.95	2.14	0.49	0	1
7	9203	DMNS	8/31/1995	1	1	A	M	CO	482500	4415500	1814	20.56	11.63	4.62	1.81	8.55	3.17	8.03	4.22	4.03	3.78	1.92	0.39	1	1
8	9203	DMNS	8/31/1995	1	1	A	M	CO	482500	4415500	1814	20.51	11.67	4.63	1.77	8.53	3.19	8.07	4.28	4.04	3.82	1.95	0.41	1	1
193	9203	DMNS	8/31/1995	2	1	A	M	CO	482500	4415500	1814	20.33	11.83	4.55	1.98	8.88	3.38	8.37	3.89	3.85	3.83	1.93	0.49	1	1
194	9203	DMNS	8/31/1995	2	1	A	M	CO	482500	4415500	1814	20.46	11.71	4.44	1.90	9.04	3.45	8.20	3.82	3.82	3.83	1.94	0.49	1	1
333	9203	DMNS	8/31/1995	2	1	A	M	CO	482500	4415500	1814	20.32	11.73	4.42	1.99	8.67	3.35	8.18	3.84	3.83	3.75	1.94	0.48	1	1
334	9203	DMNS	8/31/1995	2	1	A	M	CO	482500	4415500	1814	20.31	11.73	4.10	1.81	8.69	3.41	8.16	3.87	3.82	3.83	1.93	0.48	1	1
483	17001	CU	7/6/1989	1	1	A	M	CO	476800	4419500	1829	20.93	11.61	4.07	1.65	9.46	3.48	8.39	4.02	3.81	4.36	2.09	0.48	0	1
484	17001	CU	7/6/1989	1	1	A	M	CO	476800	4419500	1829	20.95	11.61	4.06	1.66	9.37	3.62	8.37	4.06	3.86	4.29	2.07	0.48	0	1
597	17001	CU	7/6/1989	2	1	A	M	CO	476800	4419500	1829	21.24	11.72	3.97	1.75	9.04	3.53	8.73	3.83	3.63	4.30	2.12	0.49	0	1
598	17001	CU	7/6/1989	2	1	A	M	CO	476800	4419500	1829	21.12	11.68	4.04	1.66	8.98	3.54	8.66	3.84	3.64	4.39	2.09	0.49	0	1
801	17001	CU	7/6/1989	2	1	A	M	CO	476800	4419500	1829	21.16	11.66	4.06	1.80	9.18	3.56	8.61	3.77	3.66	4.42	2.12	0.48	0	1
802	17001	CU	7/6/1989	2	1	A	M	CO	476800	4419500	1829	21.04	11.57	4.06	1.68	9.17	3.64	8.53	3.77	3.66	4.48	2.12	0.47	0	1
925	17001	CU	7/6/1989	1	1	A	M	CO	476800	4419500	1829	21.08	11.57	4.04	1.88	9.21	3.41	8.38	3.85	3.61	4.35	2.03	0.53	0	1
926	17001	CU	7/6/1989	1	1	A	M	CO	476800	4419500	1829	21.08	11.60	4.07	1.46	9.29	3.58	8.38	3.82	3.76	4.34	2.04	0.47	0	1
941	17001	CU	7/6/1989	1	1	A	M	CO	476800	4419500	1829	20.95	11.64	3.99	1.64	9.11	3.61	8.31	3.79	3.97	4.28	2.06	0.50	1	0
942	17001	CU	7/6/1989	1	1	A	M	CO	476800	4419500	1829	20.59	11.68	4.01	1.67	9.18	3.59	8.57	3.75	3.98	4.38	1.99	0.49	1	0
21	9316	DMNS	8/2/1996	1	0	A	M	WY	512000	4558000	1878	22.37	12.64	4.83	2.14	8.82	3.89	9.37	4.56	4.37	4.82	2.32	0.54	1	1
22	9316	DMNS	8/2/1996	1	0	A	M	WY	512000	4558000	1878	22.38	12.69	4.81	2.18	8.86	3.80	9.31	4.52	4.39	4.92	2.29	0.53	1	1
179	9316	DMNS	8/2/1996	2	0	A	M	WY	512000	4558000	1878	22.22	12.85	4.93	2.32	9.66	3.90	9.25	4.13	4.19	4.97	2.19	0.55	0	1
180	9316	DMNS	8/2/1996	2	0	A	M	WY	512000	4558000	1878	22.17	12.87	4.99	2.29	9.53	3.95	9.34	4.13	4.19	5.50	2.16	0.55	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
297	9316	DMNS	8/2/1996	1	0	A	M	WY	512000	4558000	1878	22.04	12.71	4.83	2.41	9.67	3.58	9.30	4.45	4.11	5.14	2.24		0	0
298	9316	DMNS	8/2/1996	1	0	A	M	WY	512000	4558000	1878	22.07	12.68	4.83	2.54	9.70	3.52	9.35	4.45	4.19	5.04	2.21		0	0
319	9316	DMNS	8/2/1996	2	0	A	M	WY	512000	4558000	1878	22.16	12.99	4.82	1.82	8.97	3.84	9.28	4.23	4.06	5.06	2.27	0.54	0	1
320	9316	DMNS	8/2/1996	2	0	A	M	WY	512000	4558000	1878	22.15	12.83	4.98	1.82	8.94	4.08	9.34	4.22	4.08	4.88	2.18	0.54	0	1
455	10913	CU	7/6/2003	1	0	A	F	CO	251000	4435200	1890	22.10	12.79	4.71	2.35	9.31	3.88	8.99	4.29	4.42	4.73	2.21	0.51	0	1
456	10913	CU	7/6/2003	1	0	A	F	CO	251000	4435200	1890	22.11	12.77	4.71	2.28	9.32	3.89	9.13	4.29	4.44	4.67	2.23	0.51	0	1
567	10913	CU	7/6/2003	2	0	A	F	CO	251000	4435200	1890	22.13	12.76	4.57	2.30	9.32	3.92	9.66	4.10	4.38	4.63	2.15	0.54	0	1
568	10913	CU	7/6/2003	2	0	A	F	CO	251000	4435200	1890	22.15	12.72	4.56	2.41	9.29	3.92	9.71	4.09	4.40	4.62	2.08	0.60	0	1
849	10913	CU	7/6/2003	2	0	A	F	CO	251000	4435200	1890	22.13	12.72	4.62	2.07	9.86	3.66	9.42	4.16	4.39	4.69	2.19	0.54	0	1
850	10913	CU	7/6/2003	2	0	A	F	CO	251000	4435200	1890	21.98	12.73	4.58	1.91	9.74	4.01	9.44	4.13	4.17	4.52	2.20	0.53	0	1
915	10913	CU	7/6/2003	1	0	A	F	CO	251000	4435200	1890	22.05	12.84	4.61	2.46	9.73	3.90	9.13	4.22	4.24	4.83	2.20	0.52	0	1
916	10913	CU	7/6/2003	1	0	A	F	CO	251000	4435200	1890	22.00	12.90	4.67	2.43	9.60	3.89	9.22	4.20	4.20	4.82	2.19	0.53	0	1
51	9312	DMNS	7/16/1997	1	1	A	M	CO	477522	4408152	1951	21.52	11.36	4.41	1.63	8.47	3.36	8.59	3.96	3.64	4.29	2.16	0.42	1	1
52	9312	DMNS	7/16/1997	1	1	A	M	CO	477522	4408152	1951	21.41	11.38	4.34	1.68	8.40	3.55	8.57	3.92	3.70	4.52	2.22	0.41	1	1
125	9312	DMNS	7/16/1997	2	1	A	M	CO	477522	4408152	1951	21.56	11.31	4.40	1.75	8.94	3.35	8.98	3.87	3.78	4.05	2.04	0.72	1	1
126	9312	DMNS	7/16/1997	2	1	A	M	CO	477522	4408152	1951	21.62	11.01	4.31	1.52	8.94	3.36	9.10	3.95	3.73	3.75	2.16	0.73	1	1
209	9312	DMNS	7/16/1997	1	1	A	M	CO	477522	4408152	1951	21.57	11.35	4.40	1.69	9.04	3.41	8.67	3.80	3.86	4.23	2.16	0.44	1	1
210	9312	DMNS	7/16/1997	1	1	A	M	CO	477522	4408152	1951	21.48	11.31	4.37	1.54	9.02	3.45	8.57	3.81	3.79	4.33	2.13	0.43	1	1
385	9312	DMNS	7/16/1997	2	1	A	M	CO	477522	4408152	1951		11.84	4.33	1.98	8.95	3.52	8.75	3.77	3.73	4.25	2.14	0.65	1	1
386	9312	DMNS	7/16/1997	2	1	A	M	CO	477522	4408152	1951		11.78	4.31	1.63	9.02	3.54	8.75	3.76	3.73	4.10	2.17	0.46	1	1
99	9576	DMNS	6/8/1998	1	1	A	M	CO	509060	4348400	1960	20.85	11.61	4.42	1.64	8.28	3.41	8.45	4.13	4.20	4.40	2.28	0.51	0	1
100	9576	DMNS	6/8/1998	1	1	A	M	CO	509060	4348400	1960	20.88	11.63	4.48	1.58	8.23	3.35	8.38	4.15	4.25	4.23	2.12	0.51	0	1
109	9576	DMNS	6/8/1998	2	1	A	M	CO	509060	4348400	1960	20.86	11.66	4.38	2.18	8.55	3.47	8.51	3.96	4.03	4.11	2.07	0.64	0	1
110	9576	DMNS	6/8/1998	2	1	A	M	CO	509060	4348400	1960	21.01	11.76	4.38	1.94	8.78	3.39	8.66	4.02	4.04	4.15	2.07	0.62	0	1
259	9576	DMNS	6/8/1998	1	1	A	M	CO	509060	4348400	1960	20.86	11.64	4.35	1.83	8.68	3.38	8.20	4.11	3.89	4.06	1.18	0.44	0	1
260	9576	DMNS	6/8/1998	1	1	A	M	CO	509060	4348400	1960	20.80	11.60	4.36	1.93	8.97	3.45	8.38	4.08	3.93	4.05	1.94	0.42	0	1
773	9576	DMNS	6/8/1998	2	1	A	M	CO	509060	4348400	1960	20.81	11.92	4.91	1.72	8.86	3.59	8.49	3.88	3.97	4.12	2.00	0.66	0	1
774	9576	DMNS	6/8/1998	2	1	A	M	CO	509060	4348400	1960	20.94	11.88	4.40	1.87	8.85	3.51	8.41	3.93	3.87	4.12	2.07	0.63	0	1
83	9577	DMNS	9/10/1998	1	1	A	F	CO	509060	4348400	1960	21.65	11.47	4.33	1.85	8.59	3.29	8.38	4.03	3.81	4.42	2.12	0.54	0	1
84	9577	DMNS	9/10/1998	1	1	A	F	CO	509060	4348400	1960	21.64	11.59	4.38	1.56	8.63	3.22	8.40	4.00	3.81	4.33	1.99	0.53	0	1
137	9577	DMNS	9/10/1998	2	1	A	F	CO	509060	4348400	1960	21.60	11.48	4.38	1.68	8.89	3.26	8.76	3.74	3.83	4.29	2.03	0.53	0	1
138	9577	DMNS	9/10/1998	2	1	A	F	CO	509060	4348400	1960	21.78	11.45	4.36	1.89	8.95	3.59	8.56	3.73	3.73	4.31	2.03	0.52	0	1
221	9577	DMNS	9/10/1998	1	1	A	F	CO	509060	4348400	1960	21.82	11.39	4.43	1.90	8.89	3.39	8.41	4.00	3.81	4.41	2.02	0.49	0	1
222	9577	DMNS	9/10/1998	1	1	A	F	CO	509060	4348400	1960	21.66	11.44	4.42	2.03	8.81	3.39	8.22	3.98	3.85	4.35	2.02	0.50	0	1
707	9577	DMNS	9/10/1998	2	1	A	F	CO	509060	4348400	1960	22.66	11.49	4.44	1.83	8.94	3.39	8.41	3.76	3.97	4.36	2.05	0.61	0	1
708	9577	DMNS	9/10/1998	2	1	A	F	CO	509060	4348400	1960	21.61	11.35	4.41	1.89	8.71	3.40	8.40	3.78	3.92	4.36	2.04	0.55	0	1
481	17002	CU	9/7/1990	1	1	A	M	CO	514800	4314400	1963	20.34	11.22	4.20	1.79	8.87	3.23	8.25	3.81	3.75	4.03	2.05	0.48	1	1
482	17002	CU	9/7/1990	1	1	A	M	CO	514800	4314400	1963	20.36	11.29	4.14	1.88	8.86	3.29	8.48	3.89	3.71	3.98	1.95	0.45	1	1
595	17002	CU	9/7/1990	2	1	A	M	CO	514800	4314400	1963	20.68	11.34	4.15	1.63	8.64	3.10	8.82	3.68	3.51	4.02	2.03	0.49	1	1
596	17002	CU	9/7/1990	2	1	A	M	CO	514800	4314400	1963	20.61	11.46	4.18	1.72	8.83	3.29	8.93	3.62	3.51	4.16	2.01	0.43	1	1
799	17002	CU	9/7/1990	2	1	A	M	CO	514800	4314400	1963	20.57	11.25	4.21	1.66	8.76	3.20	8.53	3.66	3.51	4.06	2.04	0.45	1	1
800	17002	CU	9/7/1990	2	1	A	M	CO	514800	4314400	1963	20.61	11.15	4.17	2.06	8.72	3.20	8.56	3.61	3.50	4.09	2.02	0.53	1	1
927	17002	CU	9/7/1990	1	1	A	M	CO	514800	4314400	1963	20.37	11.30	4.11	1.84	9.26	3.34	8.20	3.75	3.79	3.98	2.08	0.40	0	1
928	17002	CU	9/7/1990	1	1	A	M	CO	514800	4314400	1963	20.36	11.29	4.14	1.70	9.15	3.28	8.33	3.79	3.71	4.06	2.00	0.41	0	1
943	17002	CU	9/7/1990	1	1	A	M	CO	514800	4314400	1963	20.62	11.29	4.20	1.84	8.44	3.26	8.19	3.83	3.78	3.92	2.04	0.41	1	1
944	17002	CU	9/7/1990	1	1	A	M	CO	514800	4314400	1963	20.60	11.29	4.19	1.76	8.60	3.23	8.25	3.76	3.58	4.00	2.02	0.41	1	1
29	5575	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	21.55	12.20	4.38	2.47	8.75	3.75	8.78	4.14	4.06	4.57	2.03	0.65	0	1
30	5575	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	21.56	12.24	4.43	2.36	8.77	3.71	8.89	4.20	4.01	4.52	2.07	0.67	0	1
171	5575	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	21.60	12.45	4.59	2.05	9.02	3.86	8.82	3.92	3.80	4.45	2.06	0.55	0	1
172	5575	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	21.57	12.41	4.56	2.29	9.09	3.81	8.77	3.93	3.86	4.59	2.00	0.55	0	1
271	5575	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	21.59	12.15	4.48	2.21	8.85	3.59	8.74	4.05	3.93	4.64	2.08	0.52	0	1
272	5575	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	21.59	12.22	4.48	2.32	8.61	3.74	8.81	4.01	3.87	4.64	2.08	0.52	0	1
311	5575	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	21.50	12.29	4.46	2.31	8.93	3.85	8.82	4.05	3.90	4.47	1.95	0.54	0	1
312	5575	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	21.42	12.31	4.45	2.16	8.85	3.94	8.92	3.91	3.93	4.52	2.02	0.64	0	1
47	5576	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	22.63	12.30	4.61	1.84	9.39	3.76	9.31	4.39	4.13	4.73	2.28	0.48	0	1
48	5576	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	22.64	12.30	4.64	1.54	9.21	3.81	9.36	4.34	4.24	4.71	2.38	0.48	0	1
129	5576	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	22.65	12.41	4.56	2.00	9.52	3.94	9.28	4.08	3.98	4.51	2.21	0.65	0	1
130	5576	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	22.77	12.47	4.59	1.82	9.35	3.96	9.53	4.04	3.81	4.39	2.15	0.51	0	1
213	5576	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	22.51	12.24	4.60	2.10	9.17	3.79	9.21	4.38	4.31	4.67	2.51	0.48	0	1
214	5576	DMNS	7/23/1947	1	0	A	F	CO	296200	4120000	2012	22.51	12.20	4.63	2.16	9.17	3.85	9.24	4.38	4.29	4.71	2.48	0.49	0	1
389	5576	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	22.61	12.34	4.55	2.21	9.29	3.95	9.37	4.13	4.00	4.72	2.29	0.59	0	1
390	5576	DMNS	7/23/1947	2	0	A	F	CO	296200	4120000	2012	22.63	12.35	4.55	2.10	9.28	3.94	9.22	4.03	4.00	4.72	2.25	0.51	0	1
33	9568	DMNS	8/8/1998	1	1	A	F	CO	475630	4483270	2023	18.15	11.04	4.32	1.85	8.50	3.35	8.27	4.23	4.09	4.21	1.95	0.47	1	1
34	9568	DMNS	8/8/1998	1	1	A	F	CO	475630	4483270	2023	18.41	11.03	4.35	1.90	8.53	3.40	8.16	4.29	4.11	4.21	1.99	0.47	1	1
167	9568	DMNS	8/8/1998	2	1	A	F	CO	475630	4483270	2023		10.85	4.41	1.82	8.68	3.43	8.22	3.90	3.88	4.13	2.62	0.49	1	1
168	9568	DMNS	8/8/1998	2	1	A	F	CO	475630	4483270	2023		10.78	4.32	1.99	9.92	3.41	8.51	3.98	3.90	4.04	2.01	0.50	1	1
307	9568	DMNS	8/8/1998	2	1	A	F	CO	475630	4483270	2023		11.03	4.59	1.89	8.73	3.47	8.42	3.96	3.98	4.03	2.05	0.49	0	1
308	9568	DMNS	8/8/1998	2	1	A	F	CO	475630	4483270	2023		11.14	4.42	1.81	8.70	3.45	8.17	4.00	3.86	4.11	2.07	0.48	0	1
453	10912	CU	6/4/2003	1	0	A	M	CO	344900	4483500	2057	19.95		4.20	2.37	8.98	3.67	8.49	4.11	3.96	4.54	2.05	0.49	0	1
454	10912	CU	6/4/2003	1	0	A	M	CO	344900	4483500	2057	19.96		4.15	2.25	8.97	3.65	8.66	4.10	3.92	4.62	1.99	0.49	0	1
553	10912	CU	6/4/2003	2	0	A	M	CO	344900	4483500	2057	20.03		4.17	2.26	8.94	3.65	8.62	3.82	3.77	4.78	2.08	0.53	0	1
554	10912	CU	6/4/2003	2	0	A	M	CO	344900	4483500	2057	20.05		4.19	2.26	8.75	3.49	8.85	3.83	3.76	4.66	2.10	0.53	0	1
851	10912	CU	6/4/2003	2	0	A	M	CO	344900	4483500	2057	20.01		4.17	2.32	9.02	3.58	8.69	3.89	3.95	4.49	2.12	0.53	0	1
852	10912	CU	6/4/2003	2	0	A	M	CO	344900	4483500	2057	19.89		4.21	2.10	9.00	3.51	8.53	3.83	3.94	4.59	2.13	0.53	0	1
901	10912	CU	6/4/2003	1	0	A	M	CO	344900	4483500	2057	20.02				8.99	3.51	8.62	3.96	3.83	4.71	2.12	0.43	0	1
902	10912	CU	6/4/2003	1	0	A	M	CO	344900	4483500	2057	20.02				9.06	3.61	8.64	3.97	3.86	4.54	2.01	0.44	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
457	10914	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073	22.39	11.89	4.32	2.22	9.55	3.85	9.28	3.98	4.40	4.64	2.24	0.49	0	1
458	10914	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073	22.39	11.77	4.33	2.33	9.58	3.79	9.30	4.07	4.37	4.72	2.24	0.50	0	1
565	10914	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073	22.29	11.98	4.39	2.10	9.48	3.95	9.35	3.99	4.30	4.58	2.11	0.53	0	1
566	10914	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073	22.31	11.92	4.38	2.16	9.46	3.94	9.46	3.99	4.29	4.57	2.12	0.50	0	1
847	10914	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073	22.41	11.95	4.42	2.01	9.58	3.94	9.31	4.04	4.25	4.52	2.07	0.53	0	1
848	10914	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073	22.41	12.00	4.42	1.95	9.51	3.83	9.39	3.98	4.25	4.55	2.13	0.58	0	1
913	10914	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073	21.95	11.96	4.45	2.08	10.29	3.96	9.11	4.24	3.50	4.75	2.19	0.53	0	1
914	10914	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073	22.02	11.87	4.51	2.13	10.01	3.82	9.12	4.27	3.41	4.79	2.18	0.51	0	1
459	10915	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073			4.34		9.24	3.76	8.89	4.14	3.73	4.53	2.19	0.49	0	1
460	10915	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073			4.37		9.24	3.73	8.78	4.16	3.92	4.47	2.21	0.49	0	1
563	10915	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073			4.31	1.94	8.67	3.76	9.04	3.81	3.80	4.53	2.16	0.50	0	1
564	10915	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073			4.31	1.78	8.63	3.62	8.97	3.80	3.80	4.63	2.12	0.49	0	1
845	10915	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073			4.35	1.87	9.03	3.71	9.03	3.75	4.23	4.52	2.15	0.49	0	1
846	10915	CU	7/10/2003	2	0	A	M	CO	274200	4430000	2073			4.32	1.98	8.99	3.68	9.00	3.75	4.22	4.55	2.14	0.47	0	1
911	10915	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073			4.37		8.64	3.52	8.89	3.97	4.25	4.47	2.21	0.51	0	1
912	10915	CU	7/10/2003	1	0	A	M	CO	274200	4430000	2073			4.37		8.62	3.51	8.84	4.03	4.18	4.52	2.19	0.50	0	1
55	9315	DMNS	8/24/1997	1	1	A	F	CO	511000	4316700	2103	20.88	11.25	4.35	1.70	8.27	3.36	8.17	3.77	3.72	4.36	1.87	0.40	0	1
56	9315	DMNS	8/24/1997	1	1	A	F	CO	511000	4316700	2103	20.85	11.19	4.38	1.65	8.20	3.37	8.22	3.79	3.69	4.28	1.89	0.40	0	1
121	9315	DMNS	8/24/1997	2	1	A	F	CO	511000	4316700	2103	20.91	11.32		1.87	8.51	3.29	8.18	3.66	3.57	3.92	1.91	0.83	0	1
122	9315	DMNS	8/24/1997	2	1	A	F	CO	511000	4316700	2103	20.33	11.33		1.42	8.44	3.22	8.36	3.75	3.63	4.11	1.73	0.72	0	1
205	9315	DMNS	8/24/1997	1	1	A	F	CO	511000	4316700	2103	20.45	11.18	4.23	1.79	8.90	3.24	8.16	4.15	3.71	4.32	1.92	0.40	1	1
206	9315	DMNS	8/24/1997	1	1	A	F	CO	511000	4316700	2103	20.41	11.21	4.23	1.80	8.85	3.25	8.11	4.09	3.68	4.37	1.91	0.47	1	1
381	9315	DMNS	8/24/1997	2	1	A	F	CO	511000	4316700	2103	20.87	11.32	4.62	1.95	8.38	3.51	8.24	3.56	3.47	4.39	1.94	0.57	0	1
382	9315	DMNS	8/24/1997	2	1	A	F	CO	511000	4316700	2103	20.80	11.24	4.39	1.73	8.22	3.33	8.33	3.38	3.47	4.36	1.92	0.56	0	1
53	9313	DMNS	9/12/1997	1	1	A	M	CO	512100	4326700	2132	20.30	11.02	4.15	1.86	8.89	3.17	8.30	4.03	4.01	4.26	2.10	0.40	1	1
54	9313	DMNS	9/12/1997	1	1	A	M	CO	512100	4326700	2132	20.25	11.08	4.23	1.80	8.97	3.12	8.25	4.07	3.91	4.21	2.15	0.41	1	1
123	9313	DMNS	9/12/1997	2	1	A	M	CO	512100	4326700	2132	20.81	11.41	4.19	1.64	8.36	2.83	8.64	4.04	3.84	4.00	2.01	0.42	1	1
124	9313	DMNS	9/12/1997	2	1	A	M	CO	512100	4326700	2132	20.21	11.08	4.21	1.72	8.56	3.30	8.61	4.01	3.92	4.02	2.07	0.45	1	1
207	9313	DMNS	9/12/1997	1	1	A	M	CO	512100	4326700	2132	20.14	11.11	4.19	1.57	8.12	3.12	7.96	4.01	3.86	4.19	2.14	0.43	1	1
208	9313	DMNS	9/12/1997	1	1	A	M	CO	512100	4326700	2132	20.14	11.03	4.18	1.59	8.07	3.22	8.04	3.93	3.86	4.22	2.13	0.44	1	1
383	9313	DMNS	9/12/1997	2	1	A	M	CO	512100	4326700	2132	20.21	11.17	4.23	1.52	9.05	3.39	8.40	3.80	3.73	4.35	2.11	0.46	1	1
384	9313	DMNS	9/12/1997	2	1	A	M	CO	512100	4326700	2132	20.18	11.20	4.10	1.66	8.77	3.42	8.41	3.79	3.60	4.34	2.12	0.56	1	1
89	3354	DMNS	7/31/1938	1	0	A	F	CO			2133	23.11	12.82	4.42	1.93	9.75	3.83	9.46	4.39	4.04	4.95	2.40	0.55	0	1
90	3354	DMNS	7/31/1938	1	0	A	F	CO			2133	23.10	12.80	4.42	1.98	9.55	3.76	9.45	4.44	4.05	5.16	2.51	0.57	0	1
103	3354	DMNS	7/31/1938	2	0	A	F	CO			2133	23.66	13.03	4.54	1.84	9.64	3.97	10.00	4.31	4.09	4.87	2.24	0.54	0	1
104	3354	DMNS	7/31/1938	2	0	A	F	CO			2133	23.11	12.96	4.49	1.55	9.64	3.99	9.79	4.48	4.02	4.91	2.41	0.93	0	1
249	3354	DMNS	7/31/1938	1	0	A	F	CO			2133	23.04	13.00	4.45	2.32	9.74	3.90	9.39	4.39	4.25	5.18	2.43	0.53	0	1
250	3354	DMNS	7/31/1938	1	0	A	F	CO			2133	23.06	12.88	4.48	2.34	9.55	4.02	9.50	4.24	4.34	5.13	2.56	0.56	0	1
777	3354	DMNS	7/31/1938	2	0	A	F	CO			2133	23.09	13.01	4.47	1.95	9.47	4.03	9.51	4.09	4.03	5.24	2.35	0.58	0	1
778	3354	DMNS	7/31/1938	2	0	A	F	CO			2133	23.14	13.03	4.49	1.95	9.46	4.00	9.74	3.81	4.01	5.17	2.33	0.56	0	1
43	9562	DMNS	8/30/1998	1	1	A	F	CO	510900	4325760	2133	21.80	11.25	4.05	1.57	9.31	3.61	8.74	4.21	4.03	4.56	2.24	0.40	0	1
44	9562	DMNS	8/30/1998	1	1	A	F	CO	510900	4325760	2133	21.75	11.28	4.02	1.67	9.41	3.67	8.69	4.15	4.08	4.60	2.23	0.43	0	1
133	9562	DMNS	8/30/1998	2	1	A	F	CO	510900	4325760	2133	21.71	11.61	4.04	1.69	9.28	3.28	8.77	3.92	3.88	4.58	2.17	0.45	0	1
134	9562	DMNS	8/30/1998	2	1	A	F	CO	510900	4325760	2133	21.71	11.60	3.89	2.07	9.46	3.37	9.01	3.90	3.96	4.47	2.25	0.40	0	1
217	9562	DMNS	8/30/1998	1	1	A	F	CO	510900	4325760	2133	21.56	11.61	3.94	1.76	9.19	3.65	8.67	4.06	3.83	4.48	2.14	0.43	0	1
218	9562	DMNS	8/30/1998	1	1	A	F	CO	510900	4325760	2133	21.61	11.63	3.93	1.62	9.24	3.61	8.54	4.14	3.84	4.55	2.11	0.43	0	1
267	9562	DMNS	8/30/1998	1	1	A	F	CO	510900	4325760	2133	19.35	10.93	4.32	1.84	8.00	3.24	8.20	4.18	3.86	4.11	2.09	0.55	0	0
268	9562	DMNS	8/30/1998	1	1	A	F	CO	510900	4325760	2133	20.45	11.03	4.29	2.00	7.87	3.24	7.98	4.17	3.87	4.24	1.96	0.50	0	0
393	9562	DMNS	8/30/1998	2	1	A	F	CO	510900	4325760	2133	21.60	11.66	3.95	1.81	9.22	3.61	9.03	3.79	3.76	4.71	2.24	0.46	0	1
394	9562	DMNS	8/30/1998	2	1	A	F	CO	510900	4325760	2133	21.55	11.66	3.92	1.77	9.20	3.68	8.79	3.78	3.74	4.65	2.24	0.47	0	1
73	9565	DMNS	7/12/1998	1	1	A	F	CO	510900	4325760	2133	21.14	11.54	4.24	1.91	8.95	3.31	8.61	4.10	3.94	4.39	2.12	0.58	1	1
74	9565	DMNS	7/12/1998	1	1	A	F	CO	510900	4325760	2133	21.50	11.56	4.29	1.90	8.85	3.29	8.63	4.04	3.99	4.31	2.18	0.59	1	1
147	9565	DMNS	7/12/1998	2	1	A	F	CO	510900	4325760	2133	21.79	11.62	4.45	1.65	9.93	3.45	8.79	4.14	4.11	4.54	2.06	0.62	1	1
148	9565	DMNS	7/12/1998	2	1	A	F	CO	510900	4325760	2133	21.24	11.56	4.57	1.57	9.02	3.51	8.62	4.07	3.93	4.48	2.07	0.66	1	1
231	9565	DMNS	7/12/1998	1	1	A	F	CO	510900	4325760	2133	21.08	11.43	4.36	1.82	9.13	3.51	8.65	4.25	3.80	4.30	2.12	0.59	1	1
232	9565	DMNS	7/12/1998	1	1	A	F	CO	510900	4325760	2133	21.06	11.46	4.37	1.83	8.97	3.44	8.72	4.26	3.77	4.43	2.15	0.53	1	1
717	9565	DMNS	7/12/1998	2	1	A	F	CO	510900	4325760	2133	21.04	11.58	4.44	1.67	9.03	3.49	8.78	3.85	3.90	4.36	2.11	0.58	1	1
718	9565	DMNS	7/12/1998	2	1	A	F	CO	510900	4325760	2133	20.84	11.48	4.24	1.70	8.99	3.56	8.63	3.86	3.83	4.56	2.12	0.57	1	1
35	9579	DMNS	7/24/1997	1	1	A	M	CO	508916	4323162	2134	20.22	11.35	4.05	1.75	8.60	3.23	8.27	4.02	3.78	4.72	2.17	0.52	1	1
36	9579	DMNS	7/24/1997	1	1	A	M	CO	508916	4323162	2134	20.21	11.22	4.02	1.72	8.69	3.35	8.35	4.03	3.84	4.70	2.18	0.53	1	1
165	9579	DMNS	7/24/1997	2	1	A	M	CO	508916	4323162	2134	20.81	11.19	4.13	1.90	8.26	3.45	8.27	3.84	3.55	4.46	2.03	0.56	1	1
166	9579	DMNS	7/24/1997	2	1	A	M	CO	508916	4323162	2134	20.77	11.19	4.10	1.71	8.30	3.51	8.31	3.81	3.53	4.43	2.00	0.53	1	1
265	9579	DMNS	7/24/1997	1	1	A	M	CO	508916	4323162	2134	20.52	11.30	4.22	1.79	9.05	3.07	9.19	3.73	3.74	4.56	2.11	0.58	1	1
266	9579	DMNS	7/24/1997	1	1	A	M	CO	508916	4323162	2134	20.52	11.59	4.12	1.72	9.06	3.39	9.28	3.78	3.57	4.55	2.10	0.53	1	1
305	9579	DMNS	7/24/1997	2	1	A	M	CO	508916	4323162	2134	20.16	11.23	4.12	1.64	7.99	3.45	8.28	3.77	3.71	4.47	2.03	0.45	1	1
306	9579	DMNS	7/24/1997	2	1	A	M	CO	508916	4323162	2134	20.14	11.20	4.16	1.66	8.26	3.42	8.24	3.81	3.71	4.53	2.00	0.45	1	1
77	1484	DMNS	8/18/2014	1	0	A	F	CO	345900	4099700	2256	21.62	12.77	4.62	1.84	8.45	3.54	8.72	4.07	4.17	4.56	2.14	0.51	1	1
78	1484	DMNS	8/18/2014	1	0	A	F	CO	345900	4099700	2256	21.66	12.81	4.61	1.77	8.49	3.81	8.69	4.09	4.18	4.37	2.14	0.56	1	1
143	1484	DMNS	8/18/2014	2	0	A	F	CO	345900	4099700	2256	21.46	12.87	4.64	1.94	9.32	3.54	8.95	4.85	4.48	4.29	2.03	0.59	0	1
144	1484	DMNS	8/18/2014	2	0	A	F	CO	345900	4099700	2256	21.45	12.62	4.69	2.25	9.74	3.64	8.93	3.92	4.43	4.49	2.10	0.56	0	1
227	1484	DMNS	8/18/2014	1	0	A	F	CO	345900	4099700	2256	21.37	12.94	4.74	2.03	9.45	3.59	8.68	4.20	4.44	4.15	2.16	0.46	1	1
228	1484	DMNS	8/18/2014	1	0	A	F	CO	345900	4099700	2256	21.37	13.02	4.76	2.14	9.47	3.80	8.78	4.21	4.63	4.17	2.13	0.46	1	1
713	1484	DMNS	8/18/2014	2	0	A	F	CO	345900	4099700	2256	21.37	13.01	4.72	2.01	9.17	3.84	8.91	3.89	3.91	4.45	2.10	0.58	0	1
714	1484	DMNS	8/18/2014	2	0	A	F	CO	345900	4099700	2256	21.42	12.76	4.71	1.91	9.16	3.80	8.86	3.90	3.88	4.48	2.04	0.48	0	1
31	1486	DMNS	9/2/2014	1	0	A	F	CO	345900	4099700	2256	22.72		4.60	2.23	9.24	3.51	9.55	4.37	4.51	5.09	2.44	0.53	0	1
32	1486	DMNS	9/2/2014	1	0	A	F	CO	345900	4099700	2256	22.80		4.54	2.19	9.23	3.53	9.55	4.40	4.48	4.96	2.41	0.52	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
169	1486	DMNS	9/2/2014	2	0	A	F	CO	345900	4099700	2256	23.47		4.56	2.09	8.95	3.89	9.75	4.41	4.10	4.73	2.17	0.59	0	1
170	1486	DMNS	9/2/2014	2	0	A	F	CO	345900	4099700	2256	23.25		4.74	2.39	9.06	3.77	10.12	4.05	4.10	4.78	2.16	0.59	0	1
269	1486	DMNS	9/2/2014	1	0	A	F	CO	345900	4099700	2256	22.74		4.45	1.92	9.07	3.35	9.41	4.39	4.44	4.71	2.19	0.52	0	1
270	1486	DMNS	9/2/2014	1	0	A	F	CO	345900	4099700	2256	22.74		4.49	1.96	8.87	3.53	9.47	4.40	4.48	4.55	2.22	0.51	0	1
309	1486	DMNS	9/2/2014	2	0	A	F	CO	345900	4099700	2256	22.79	12.16	4.54	2.21	9.48	3.94	9.58	4.30	4.45	4.67	2.15	0.58	0	1
310	1486	DMNS	9/2/2014	2	0	A	F	CO	345900	4099700	2256	22.84	12.17	4.56	2.32	9.35	3.94	9.79	4.31	4.44	4.62	2.15	0.53	0	1
45	1488	DMNS	9/27/2014	1	0	A	F	CO	345900	4099700	2256	21.68	12.94	4.43	2.15	9.68	3.66	9.16	4.38	4.43	4.55	1.91	0.43	0	1
46	1488	DMNS	9/27/2014	1	0	A	F	CO	345900	4099700	2256	21.70	13.00	4.41	2.21	9.61	3.59	9.25	4.46	4.46	4.53	1.97	0.44	0	1
131	1488	DMNS	9/27/2014	2	0	A	F	CO	345900	4099700	2256	21.47	12.93	4.34	2.38	9.85	3.49	9.10	4.25	4.52	4.40	1.87	0.52	0	1
132	1488	DMNS	9/27/2014	2	0	A	F	CO	345900	4099700	2256	21.56	13.10	4.36	2.28	9.68	3.73	9.33	4.28	4.41	4.46	1.96	0.63	0	1
215	1488	DMNS	9/27/2014	1	0	A	F	CO	345900	4099700	2256	21.68	12.98	4.52	2.05	9.78	3.69	9.02	4.51	4.36	4.50	2.03	0.48	0	1
216	1488	DMNS	9/27/2014	1	0	A	F	CO	345900	4099700	2256	21.64	12.97	4.42	2.09	9.67	3.76	9.09	4.40	4.34	4.58	2.09	0.46	0	1
391	1488	DMNS	9/27/2014	2	0	A	F	CO	345900	4099700	2256	21.62	12.87	4.35	2.16	9.97	3.75	9.51	4.31	4.26	4.61	1.97	0.53	0	1
392	1488	DMNS	9/27/2014	2	0	A	F	CO	345900	4099700	2256	21.51	13.02	4.44	2.32	9.88	3.78	9.38	4.38	4.42	4.51	1.99	0.47	0	1
17	1489	DMNS	9/24/2014	1	0	A	F	CO	345900	4099700	2256	20.73	12.63	4.19	2.59	8.95	3.60	8.75	4.55	4.33	4.54	2.07	0.50	0	1
18	1489	DMNS	9/24/2014	1	0	A	F	CO	345900	4099700	2256	20.77	12.59	4.16	2.62	8.99	3.63	8.70	4.45	4.27	4.52	2.06	0.50	0	1
183	1489	DMNS	9/24/2014	2	0	A	F	CO	345900	4099700	2256	20.67	12.60	4.26	2.08	9.26	3.75	9.37	4.14	4.21	4.38	2.17	0.53	0	1
184	1489	DMNS	9/24/2014	2	0	A	F	CO	345900	4099700	2256	20.94	12.52	4.20	2.27	9.20	3.74	9.29	4.05	4.19	4.44	2.11	0.53	0	1
293	1489	DMNS	9/24/2014	1	0	A	F	CO	345900	4099700	2256	20.77	12.46	4.16	2.32	9.33	3.66	8.72	4.16	4.39	4.59	2.52		0	0
294	1489	DMNS	9/24/2014	1	0	A	F	CO	345900	4099700	2256	20.77	12.52	4.19	2.29	9.32	3.50	8.68	4.18	4.30	4.48	2.51		0	0
323	1489	DMNS	9/24/2014	2	0	A	F	CO	345900	4099700	2256	20.60	12.48	4.24	2.40	8.69	3.76	8.71	4.02	3.96	4.56	2.01	0.58	0	1
324	1489	DMNS	9/24/2014	2	0	A	F	CO	345900	4099700	2256	20.80	12.53	4.21	2.33	8.73	3.77	9.13	4.01	3.97	4.56	2.04	0.52	0	1
37	9560	DMNS	10/31/1998	1	0	A	M	CO	459600	4469900	2377	22.06	12.46	4.65	2.45	8.30	3.76	9.75	4.54	4.23	4.98	2.26	0.54	0	1
38	9560	DMNS	10/31/1998	1	0	A	M	CO	459600	4469900	2377	22.02	12.53	4.63	2.44	8.17	3.77	9.68	4.47	4.29	4.96	2.29	0.56	0	1
163	9560	DMNS	10/31/1998	2	0	A	M	CO	459600	4469900	2377	22.04	12.58	4.61	2.38	9.45	3.99	9.68	4.90	3.98	4.96	2.21	0.53	0	1
164	9560	DMNS	10/31/1998	2	0	A	M	CO	459600	4469900	2377	22.05	12.55	4.68	2.36	9.30	3.97	9.76	4.40	3.93	4.96	2.17	0.53	0	1
263	9560	DMNS	10/31/1998	1	0	A	M	CO	459600	4469900	2377	22.54	12.53	4.80	2.36	9.26	3.76	9.25	4.33	4.07	4.96	2.35	0.53	0	1
264	9560	DMNS	10/31/1998	1	0	A	M	CO	459600	4469900	2377	22.54	12.60	4.83	2.25	9.39	3.85	9.16	4.32	4.06	4.95	2.22	0.54	0	1
303	9560	DMNS	10/31/1998	2	0	A	M	CO	459600	4469900	2377	22.24	12.55	4.59	2.04	9.30	3.90	9.49	4.00	4.03	4.90	2.18	0.61	0	1
304	9560	DMNS	10/31/1998	2	0	A	M	CO	459600	4469900	2377	22.16	12.52	4.71	1.81	9.13	3.90	9.36	4.23	4.03	4.41	2.20	0.52	0	1
445	5271	CU	8/7/1945	1	0	A	F	CO			2469	23.14	12.67	4.73	2.90	10.18	4.03	9.57	4.44	4.43	5.25	2.39	0.52	0	1
446	5271	CU	8/7/1945	1	0	A	F	CO			2469	23.08	12.68	4.70	2.69	9.75	4.04	9.53	4.46	4.44	5.21	2.38	0.52	0	1
545	5271	CU	8/7/1945	2	0	A	F	CO			2469	23.47	12.71	4.65	2.56	9.74	4.04	9.64	4.07	4.16	5.07	2.32	0.53	0	1
546	5271	CU	8/7/1945	2	0	A	F	CO			2469	23.40	12.72	4.64	2.46	9.97	4.04	9.70	4.08	4.15	5.06	2.34	0.53	0	1
893	5271	CU	8/7/1945	1	0	A	F	CO			2469	22.67	12.77	4.92	2.12	10.11	3.95	9.47	4.23	4.54	5.15	2.36	0.49	0	1
894	5271	CU	8/7/1945	1	0	A	F	CO			2469	22.75	12.75	4.76	1.98	10.21	3.98	9.29	4.25	5.52	4.99	2.31	0.50	0	1
447	5272	CU	8/7/1945	1	0	A	M	CO			2469	22.96	12.83	4.58	2.19	9.66	3.76	9.49	4.20	4.33	5.17	2.20	0.50	0	1
448	5272	CU	8/7/1945	1	0	A	M	CO			2469	22.96	12.96	4.50	2.29	9.63	3.75	9.45	4.19	4.35	5.16	2.19	0.51	0	1
547	5272	CU	8/7/1945	2	0	A	M	CO			2469	23.20	13.18	4.49	2.24	9.66	4.00	9.40	3.96	4.00	5.05	2.15	0.57	0	1
548	5272	CU	8/7/1945	2	0	A	M	CO			2469	23.20	13.13	4.48	2.00	9.65	4.05	9.26	3.97	4.01	4.48	2.12	0.57	0	1
857	5272	CU	8/7/1945	2	0	A	M	CO			2469	22.92	12.62	4.49	2.00	9.61	3.68	9.38	4.12	3.99	5.02	2.22	0.57	0	1
858	5272	CU	8/7/1945	2	0	A	M	CO			2469	22.91	12.88	4.52	1.99	9.61	3.89	9.40	4.07	3.97	4.98	2.15	0.57	0	1
895	5272	CU	8/7/1945	1	0	A	M	CO			2469	22.90	12.90	4.46	2.44	9.70	3.72	9.30	4.15	4.24	5.09	2.25	0.53	0	1
896	5272	CU	8/7/1945	1	0	A	M	CO			2469	22.86	12.97	4.51	2.42	9.65	3.79	9.36	4.23	4.17	5.06	2.25	0.54	0	1
461	10916	CU	7/7/2001	1	0	A	F	CO	374800	4513800	2515	22.56		4.26		9.42	3.80	9.20	4.16	4.24	4.66	2.10	0.49	0	1
462	10916	CU	7/7/2001	1	0	A	F	CO	374800	4513800	2515	22.54		4.25		9.37	3.80	9.25	4.16	4.24	4.93	2.09	0.50	0	1
561	10916	CU	7/7/2001	2	0	A	F	CO	374800	4513800	2515	22.71		4.26	2.39	8.83	3.87	9.30	3.88	3.86			0.49	0	1
562	10916	CU	7/7/2001	2	0	A	F	CO	374800	4513800	2515	22.71		4.63	2.07	8.84	3.73	9.35	3.87	3.85			0.49	0	1
843	10916	CU	7/7/2001	2	0	A	F	CO	374800	4513800	2515	22.67	11.85	4.39	2.12	8.36	3.82	9.24	3.96	3.90	4.57	1.87	0.60	0	1
844	10916	CU	7/7/2001	2	0	A	F	CO	374800	4513800	2515	22.50	11.61	4.32	1.91	8.90	3.90	9.20	3.90	3.86	4.42	2.18	0.61	0	1
909	10916	CU	7/7/2001	1	0	A	F	CO	374800	4513800	2515	22.10	11.59	4.29		9.20	3.82	9.06	4.07	4.17	4.55	2.06	0.51	0	1
910	10916	CU	7/7/2001	1	0	A	F	CO	374800	4513800	2515	22.10	11.68	4.25		9.17	3.85	9.16	4.09	4.13	4.69	2.03	0.51	0	1
15	1229	DMNS	8/13/2015	1	0	A	F	CO	351100	4114300	2560	20.41	11.80	4.32	2.38	8.82	3.34	8.48	4.33	4.42	4.33	1.87	0.78	1	1
16	1229	DMNS	8/13/2015	1	0	A	F	CO	351100	4114300	2560	20.38	11.76	4.29	2.38	8.79	3.57	8.46	4.38	4.38	4.30	1.91	0.77	1	1
185	1229	DMNS	8/13/2015	2	0	A	F	CO	351100	4114300	2560	20.45	11.84	4.38		9.68	3.69	8.74	4.39	4.53	4.37	1.97	0.51	0	1
186	1229	DMNS	8/13/2015	2	0	A	F	CO	351100	4114300	2560	20.46	11.75	4.62		9.54	3.57	8.76	4.31	4.36	4.10	1.99	0.51	0	1
291	1229	DMNS	8/13/2015	1	0	A	F	CO	351100	4114300	2560	20.40	11.55	4.34		8.81	3.63	8.53	4.17	4.18	4.34	2.04		0	0
292	1229	DMNS	8/13/2015	1	0	A	F	CO	351100	4114300	2560	20.38	11.62	4.30		8.81	3.63	8.35	4.19	4.17	4.11	2.02		0	0
325	1229	DMNS	8/13/2015	2	0	A	F	CO	351100	4114300	2560	20.27	11.63	4.52	2.17	8.93	3.67	8.57	4.00	4.38	4.38	2.04	0.52	0	1
326	1229	DMNS	8/13/2015	2	0	A	F	CO	351100	4114300	2560	20.37	11.72	4.57	2.14	8.89	3.62	8.65	3.49	4.36	4.25	1.98	0.50	0	1
23	7914	DMNS	7/31/1991	1	0	A	M	CO	490392	4122611	2624	22.69	12.71	4.70	2.28	9.90	3.82	9.26	4.55	4.26	4.71	2.37	0.50	0	1
24	7914	DMNS	7/31/1991	1	0	A	M	CO	490392	4122611	2624	22.70	12.69	4.73	2.26	9.89	3.72	9.33	4.59	4.23	4.72	2.36	0.55	0	1
177	7914	DMNS	7/31/1991	2	0	A	M	CO	490392	4122611	2624	22.79	12.82	4.83	1.82	9.87	3.98	9.32	4.20	4.15	4.52	2.29	0.52	0	1
178	7914	DMNS	7/31/1991	2	0	A	M	CO	490392	4122611	2624	22.82	12.84	4.78	1.86	9.83	3.82	9.54	4.29	4.34	4.54	2.28	0.53	0	1
299	7914	DMNS	7/31/1991	1	0	A	M	CO	490392	4122611	2624	22.69	12.64	4.89	2.29	8.34	3.95	9.28	4.31	4.28	4.73	2.49		0	0
300	7914	DMNS	7/31/1991	1	0	A	M	CO	490392	4122611	2624	22.68	12.67	4.83	2.31	8.59	3.86	9.25	4.37	4.28	4.72	2.40		0	0
317	7914	DMNS	7/31/1991	2	0	A	M	CO	490392	4122611	2624	22.78	12.74	4.66	1.83	10.03	3.79	9.48	4.14	3.85	4.85	2.24	0.83	0	1
318	7914	DMNS	7/31/1991	2	0	A	M	CO	490392	4122611	2624	22.82	12.79	4.21	1.89	9.90	3.80	9.39	4.13	3.84	4.89	2.35	0.84	0	1
859	7914	CU	7/31/1991	2	0	A	M	CO			2624	22.72	12.74	4.69	2.40	8.42	4.01	9.62	4.19	4.00	5.08	2.35	0.53	0	1
860	7914	CU	7/31/1991	2	0	A	M	CO			2624	22.72	12.61	4.74	2.53	8.53	4.09	9.63	4.08	3.99	5.02	2.42	0.54	0	1
3	7915	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	23.57	12.65	4.37	1.90	9.22	3.64	9.74	4.55	4.28	4.81	2.23	0.61	0	1
4	7915	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	23.45	12.70	4.38	1.78	9.14	3.84	9.74	4.48	4.30	4.79	2.32	0.57	0	1
197	7915	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	23.35	12.49	4.53	2.16	9.79	3.97	9.91	4.31	4.12	4.51	2.31	0.69	0	1
198	7915	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	23.30	12.69	4.43	2.18	9.56	4.16	9.85	4.29	4.15	4.52	2.25	0.56	0	1
279	7915	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	23.39	12.48	4.60	2.14	9.53	3.68	9.52	4.92	4.32	4.74	2.44	0.58	0	1
280	7915	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	23.35	12.61	4.42	1.80	9.57	3.95	9.62	4.95	4.36	4.57	2.41	0.58	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
337	7915	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	23.43	12.67	4.38	1.98	9.65	3.87	9.95	4.25	4.17	4.69	2.20	0.74	0	1
338	7915	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	23.31	12.74	4.38	1.89	9.52	4.29	9.91	4.26	4.17	4.90	2.22	0.58	0	1
63	7917	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.67	12.85	4.59	2.29	9.37	4.32	9.27	4.27	4.27	4.62	2.37	0.50	0	1
64	7917	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.73	12.79	4.56	2.27	9.30	4.38	9.28	4.22	4.22	4.74	2.32	0.48	0	1
157	7917	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.66	13.05	4.64	2.51	9.56	3.80	9.50	4.12	3.94	4.80	2.35	0.56	0	0
158	7917	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.75	12.95	4.61	2.51	9.57	4.04	9.44	4.03	3.88	4.77	2.40	0.54	0	0
241	7917	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.60	12.70	4.60	2.41	9.99	3.82	9.23	4.11	4.06	4.78	2.38	0.50	0	1
242	7917	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.62	12.74	4.55	2.37	10.10	3.55	9.28	4.19	4.05	4.71	2.28	0.48	0	1
727	7917	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.65	13.10	4.55	2.40	9.73	4.29	9.66	3.83	3.96	4.77	2.24	0.51	0	1
728	7917	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.64	12.77	4.59	2.27	9.58	4.10	9.37	3.76	4.10	4.76	2.32	0.50	0	1
1	7918	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.36	12.40	4.38	2.02	8.75	3.57	8.98	4.38	4.27	4.46	2.06	0.61	0	1
2	7918	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.11	12.46	4.39	2.07	9.18	3.76	8.90	4.47	4.09	4.51	2.15	0.63	0	1
199	7918	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.13	12.35	4.36	1.96	9.14	3.75	9.07	4.10	4.05	4.39	2.03	0.48	0	1
200	7918	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.09	12.26	4.48	2.20	9.11	3.89	8.98	3.99	4.06	4.53	1.99	0.48	0	1
277	7918	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	21.94	12.32	4.40	1.85	9.06	3.52	8.74	4.14	4.21	4.73	2.00	0.55	0	1
278	7918	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	21.95	12.37	4.47	1.89	9.06	3.76	8.66	4.17	4.21	4.54	1.93	0.54	0	1
339	7918	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	21.86	12.45	4.43	1.84	9.17	3.90	8.91	3.98	4.04	4.46	1.99	0.52	0	1
340	7918	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	21.93	12.37	4.47	2.22	9.88	3.75	8.91	3.93	4.04	4.31	1.99	0.52	0	1
49	7919	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.99	13.03	4.46	2.30	9.16	3.81	9.23	4.60	3.92	5.23	2.27	0.57	0	1
50	7919	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.98	13.20	4.45	2.27	9.34	3.91	9.35	4.61	3.98	5.22	2.27	0.57	0	1
127	7919	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	23.07	13.09	4.53	2.05	9.61	3.77	9.34	4.10	3.90	5.10	2.33	0.75	0	1
128	7919	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.74	13.24	4.53	2.29	9.59	3.88	9.35	4.12	4.02	4.79	2.11	0.78	0	1
211	7919	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.91	13.10	4.39	2.28	9.81	3.94	9.15	4.45	4.24	4.94	2.22	0.63	1	1
212	7919	DMNS	7/31/1991	1	0	A	F	CO	490392	4122611	2624	22.96	13.25	4.38	2.25	9.80	3.86	9.19	4.38	4.28	5.01	2.36	0.63	1	1
387	7919	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.70	13.30	4.38	2.23	9.76	3.98	9.43	4.12	3.98	4.76	2.18	0.72	0	1
388	7919	DMNS	7/31/1991	2	0	A	F	CO	490392	4122611	2624	22.88	13.22	4.38	2.22	9.60	3.99	9.46	4.11	4.04	4.78	2.27	0.75	0	1
345	26500	KU	6/22/1948	2	0	A	F	WY	371000	4578500	2682	21.93	12.49	4.24	2.31	9.09	3.68	9.35	3.87	3.77	4.71	2.28	0.62	0	1
346	26500	KU	6/22/1948	2	0	A	F	WY	371000	4578500	2682	21.97	12.49	4.29	2.16	9.09	3.80	9.51	3.88	3.79	4.71	2.27	0.61	0	1
639	26500	KU	6/22/1948	1	0	A	F	WY	371000	4578500	2682	21.96	12.40	4.20	2.17	9.45	3.64	9.25	3.95	3.77	4.81	2.38	0.59	0	1
640	26500	KU	6/22/1948	1	0	A	F	WY	371000	4578500	2682	21.95	12.47	4.22	2.17	9.45	3.97	9.26	4.06	3.85	4.38	2.33	0.59	0	1
675	26500	KU	6/22/1948	1	0	A	F	WY	371000	4578500	2682	22.19		4.20	2.43	9.27	3.51	9.09	4.09	3.96	4.75	2.39	0.58	0	1
676	26500	KU	6/22/1948	1	0	A	F	WY	371000	4578500	2682	22.22		4.17	2.41	9.68	3.54	9.08	4.08	3.95	4.74	2.41	0.58	0	1
735	26500	KU	6/22/1948	2	0	A	F	WY	371000	4578500	2682	21.85	12.54	4.20	1.92	9.03	3.57	9.33	3.83	3.75	4.81	2.29	0.61	0	1
736	26500	KU	6/22/1948	2	0	A	F	WY	371000	4578500	2682	21.91	12.62	4.23	2.26	9.05	3.69	9.52	3.74	3.75	4.68	2.23	0.65	0	1
397	14913	CU	8/1/1971	1	0	A	F	CO			2701	21.87	11.93	4.10	1.95	9.92	3.59	8.67	3.87	4.00	4.10	1.77	0.33	0	1
398	14913	CU	8/1/1971	1	0	A	F	CO			2701	21.84	11.94	4.08	1.99	9.95	3.58	8.77	3.93	3.94	4.10	1.78	0.34	0	1
469	14913	CU	8/1/1971	1	0	A	F	CO			2701	21.97	12.15	4.26	2.20	9.19	3.71	8.65	4.05	3.86	4.26	1.95	0.45	0	1
470	14913	CU	8/1/1971	1	0	A	F	CO			2701	21.94	12.09	4.22	2.10	9.10	3.68	8.71	4.00	3.99	4.30	1.96	0.44	0	1
579	14913	CU	8/1/1971	2	0	A	F	CO			2701	22.17	12.06	4.22		8.86	3.77	9.01	3.86	3.73	4.31	1.97	0.45	0	1
580	14913	CU	8/1/1971	2	0	A	F	CO			2701	22.05	12.08	4.22	2.06	8.90	3.68	9.16	3.85	3.72	4.23	1.90	0.44	0	1
871	14913	CU	8/1/1971	2	0	A	F	CO			2701	21.91	11.78	4.27	2.12	9.01	3.73	8.71	3.95	3.63	4.25	1.93	0.45	0	1
872	14913	CU	8/1/1971	2	0	A	F	CO			2701	21.91	12.02	4.26	1.87	9.04	3.72	9.22	3.94	3.74	4.28	2.00	0.44	0	1
399	14915	CU	8/2/1971	1	0	A	F	CO			2701	21.78	12.25	4.49	2.26	9.45	3.71	9.21	4.34	4.23	4.24	1.99	0.57	0	1
400	14915	CU	8/2/1971	1	0	A	F	CO			2701	21.78	12.24	4.49	2.36	9.40	3.82	9.10	4.66	4.24	4.32	2.15	0.57	0	1
471	14915	CU	8/2/1971	1	0	A	F	CO			2701	21.73	12.37	4.53	2.25	9.43	3.64	8.60	4.39	4.20	4.55	2.16	0.59	0	1
472	14915	CU	8/2/1971	1	0	A	F	CO			2701	21.74	12.40	4.56	2.38	9.50	3.75	8.92	4.40	4.18	4.68	2.13	0.58	0	1
577	14915	CU	8/2/1971	2	0	A	F	CO			2701	22.37	12.36	4.49	2.13	9.06	3.76	9.38	4.14	3.92	4.13	2.09	0.60	0	1
578	14915	CU	8/2/1971	2	0	A	F	CO			2701	22.34	12.44	4.44	1.89	8.96	3.97	9.57	4.14	3.91	4.13	2.08	0.60	0	1
873	14915	CU	8/2/1971	2	0	A	F	CO			2701	22.81	12.31	4.49	2.47	9.17	3.99	9.31	4.16	3.90	4.21	2.04	0.60	0	1
874	14915	CU	8/2/1971	2	0	A	F	CO			2701	22.49	12.22	4.51	2.25	9.17	3.99	9.32	4.10	3.92	4.16	2.04	0.60	0	1
467	10920	CU	7/1/2003	1	0	A	M	CO	327722	4303975	2707	22.78		4.62	2.39	9.67	3.90	8.92	4.40	4.45	4.72	2.41	0.50	0	1
468	10920	CU	7/1/2003	1	0	A	M	CO	327722	4303975	2707	22.78		4.60	2.24	9.62	3.99	9.02	4.47	4.42	4.81	2.42	0.50	0	1
555	10920	CU	7/1/2003	2	0	A	M	CO	327722	4303975	2707	22.76		4.73	2.03	9.18	3.52	8.96	3.97	3.90	4.47	2.34	0.52	0	1
556	10920	CU	7/1/2003	2	0	A	M	CO	327722	4303975	2707	22.72		4.68	2.08	9.34	3.96	9.12	3.95	3.90	4.91	2.30	0.51	0	1
837	10920	CU	7/1/2003	2	0	A	M	CO	327722	4303975	2707	22.81		4.60	2.04	9.16	3.89	9.06	4.18	3.92	4.73	2.31	0.52	0	1
838	10920	CU	7/1/2003	2	0	A	M	CO	327722	4303975	2707	23.19		4.59	1.88	9.23	3.99	8.98	4.15	3.90	4.93	2.27	0.51	0	1
903	10920	CU	7/1/2003	1	0	A	M	CO	327722	4303975	2707	22.67		4.56	2.18	9.26	3.72	8.70	4.07	4.21	4.71	2.45	0.50	1	1
904	10920	CU	7/1/2003	1	0	A	M	CO	327722	4303975	2707	22.70		4.63	2.22	9.22	3.90	8.91	4.11	4.33	4.86	2.43	0.50	1	1
343	26566	KU	7/10/1948	2	0	A	F	WY	377000	4574500	2712	22.05	12.84	4.53	2.07	9.24	4.43	9.24	3.93	3.91	4.64	2.43	0.63	0	1
344	26566	KU	7/10/1948	2	0	A	F	WY	377000	4574500	2712	22.24	12.83	4.59	2.23	9.29	4.04	9.29	3.93	3.91	4.60	2.61	0.61	0	1
637	26566	KU	7/10/1948	1	0	A	F	WY	377000	4574500	2712	21.97	12.82	4.38	2.23	8.53	3.81	9.16	3.99	4.02	4.75	2.34	0.52	0	1
638	26566	KU	7/10/1948	1	0	A	F	WY	377000	4574500	2712	21.97	12.89	4.36	2.22	8.56	3.97	9.21	4.00	4.03	4.74	2.24	0.52	0	1
673	26566	KU	7/10/1948	1	0	A	F	WY	377000	4574500	2712	21.71	12.66	4.30	2.31	8.50	3.95	9.25	4.12	4.05	4.65	2.56	0.51	0	1
674	26566	KU	7/10/1948	1	0	A	F	WY	377000	4574500	2712	21.73	12.79	4.28	2.24	8.61	3.97	9.18	4.12	4.09	4.72	2.58	0.51	0	1
733	26566	KU	7/10/1948	2	0	A	F	WY	377000	4574500	2712	21.90	12.91	4.33	1.92	9.46	4.06	9.27	3.92	3.92	4.71	2.30	0.76	0	1
734	26566	KU	7/10/1948	2	0	A	F	WY	377000	4574500	2712	21.95	12.88	4.37	1.89	9.54	4.06	9.35	3.93	3.91	4.69	2.23	0.62	0	1
489	10917	CU	7/10/1907	1	0	A	M	CO	364950	4517000	2896	20.31		4.38	2.06	8.86	3.62	8.36	4.12	3.88	4.46	2.10	0.47	0	1
490	10917	CU	7/10/1907	1	0	A	M	CO	364950	4517000	2896	20.29		4.40	2.01	8.89	3.67	8.38	4.21	3.91	4.49	2.10	0.47	0	1
603	10917	CU	7/10/1907	2	0	A	M	CO	364950	4517000	2896	20.14		4.37	1.92	8.51	3.65	8.69	3.87	3.81	4.58	2.04	0.51	0	1
604	10917	CU	7/10/1907	2	0	A	M	CO	364950	4517000	2896	20.26		4.36	1.85	8.51	3.66	8.61	3.88	3.82	4.47	2.01	0.51	0	1
807	10917	CU	7/10/1907	2	0	A	M	CO	364950	4517000	2896	20.34		4.39	1.96	8.90	3.72	8.47	3.53	3.85	4.56	2.07	0.51	0	1
808	10917	CU	7/10/1907	2	0	A	M	CO	364950	4517000	2896	20.34		4.46	2.29	8.67	3.79	8.73	3.90	3.84	4.42	2.07	0.50	0	1
919	10917	CU	7/10/1907	1	0	A	M	CO	364950	4517000	2896	20.73		4.53	1.89	8.86	3.44	8.56	3.97	4.01	4.58	2.09	0.48	0	1
920	10917	CU	7/10/1907	1	0	A	M	CO	364950	4517000	2896	20.53		4.54	1.97	8.86	3.47	8.66	3.99	3.97	4.68	2.09	0.48	0	1
935	10917	CU	7/10/1907	1	0	A	M	CO	364950	4517000	2896	20.56		4.44	2.28	8.66	3.64	8.52	4.12	3.96	4.57	2.08	0.47	0	1
936	10917	CU	7/10/1907	1	0	A	M	CO	364950	4517000	2896	20.56		4.37	2.28	8.65	3.68	8.63	4.07	4.06	4.52	2.08	0.47	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
463	10918	CU	7/11/1907	1	0	A	M	CO			2896	20.70	10.71	4.43	2.06	9.53	3.77	8.89	4.07	4.13	4.61	2.21	0.58	0	1
464	10918	CU	7/11/1907	1	0	A	M	CO			2896	20.68	10.66	4.42	2.00	9.47	3.80	8.84	3.99	4.13	4.69	2.18	0.59	0	1
559	10918	CU	7/11/1907	2	0	A	M	CO			2896	21.27	10.97	4.29	2.07	8.94	3.82	8.97	3.86	3.89	4.55	2.42	0.57	0	1
560	10918	CU	7/11/1907	2	0	A	M	CO			2896	21.23	11.14	4.28	2.07	9.12	3.88	8.90	3.90	3.88	4.56	2.34	0.57	0	1
841	10918	CU	7/11/1907	2	0	A	M	CO			2896	20.98	10.93	4.39	1.95	9.41	3.77	8.93	3.90	3.91	4.66	2.24	0.57	0	1
842	10918	CU	7/11/1907	2	0	A	M	CO			2896	20.79	10.86	4.33	1.99	9.17	3.88	8.94	3.92	3.90	4.54	2.28	0.57	0	1
907	10918	CU	7/11/1907	1	0	A	M	CO			2896	20.90	10.68	4.35	1.94	9.09	3.80	8.73	4.10	4.12	4.67	2.34	0.57	0	1
908	10918	CU	7/11/1907	1	0	A	M	CO			2896	20.71	10.67	4.24	2.13	9.04	3.94	8.76	4.07	4.07	4.52	2.32	0.56	0	1
449	5270	CU	7/26/1945	1	0	A	M	CO	454300	4431000	2902	21.82	12.46	4.47	2.02	9.32	3.84	9.14	4.26	4.29	4.75	2.23	0.55	0	1
450	5270	CU	7/26/1945	1	0	A	M	CO	454300	4431000	2902	21.81	12.42	4.41	2.22	9.29	3.82	9.12	4.24	4.34	4.92	2.23	0.54	0	1
549	5270	CU	7/26/1945	2	0	A	M	CO	454300	4431000	2902	21.79	12.61	4.41	2.16	9.08	3.89	9.42	4.12	3.97	4.40	2.10	0.58	0	1
550	5270	CU	7/26/1945	2	0	A	M	CO	454300	4431000	2902	22.12	12.60	4.35	2.24	9.03	3.81	9.38	4.10	3.97	4.55	2.12	0.59	0	1
855	5270	CU	7/26/1945	2	0	A	M	CO	454300	4431000	2902	22.10	12.75	4.37	2.04	9.08	3.82	9.40	4.09	4.03	4.68	2.28	0.60	0	1
856	5270	CU	7/26/1945	2	0	A	M	CO	454300	4431000	2902	22.10	12.65	4.40	1.91	9.09	3.88	9.42	4.08	4.03	4.66	2.28	0.61	0	1
897	5270	CU	7/26/1945	1	0	A	M	CO	454300	4431000	2902	21.92	12.53	4.30	2.08	9.36	3.60	9.22	4.26	4.26	4.74	2.21	0.52	0	1
898	5270	CU	7/26/1945	1	0	A	M	CO	454300	4431000	2902	21.97	12.59	4.30	1.97	9.35	3.70	9.04	4.32	4.22	4.62	2.20	0.52	0	1
413	14226	CU	6/23/1960	1	0	A	M	CO	454300	4431000	2902		12.00	4.56		8.91	3.57	8.63	4.19	4.28	4.46	2.05	0.47	0	1
414	14226	CU	6/23/1960	1	0	A	M	CO	454300	4431000	2902		10.00	4.49		8.91	3.58	8.67	4.20	4.25	4.41	2.04	0.48	0	1
529	14226	CU	6/23/1960	1	0	A	M	CO	454300	4431000	2902		12.39	4.48		9.25	3.55	8.60	4.41	4.35	4.40	2.16	0.48	0	1
530	14226	CU	6/23/1960	1	0	A	M	CO	454300	4431000	2902		12.31	4.47		9.23	3.55	8.69	4.52	4.30	4.41	2.10	0.46	0	1
619	14226	CU	6/23/1960	2	0	A	M	CO	454300	4431000	2902	20.32	12.28	4.52	1.96	10.04	3.45	8.90	4.16	4.02	4.31	2.15	0.48	0	1
620	14226	CU	6/23/1960	2	0	A	M	CO	454300	4431000	2902	20.35	12.30	4.56	2.02	9.72	3.56	8.84	4.16	4.03	4.39	2.10	0.53	0	1
825	14226	CU	6/23/1960	2	0	A	M	CO	454300	4431000	2902	20.35	12.41	4.64	2.27	9.45	3.58	8.71	4.15	3.82	4.28	2.23	0.54	0	1
826	14226	CU	6/23/1960	2	0	A	M	CO	454300	4431000	2902	20.55	12.24	4.56	2.05	9.17	3.66	8.85	4.15	4.03	4.41	2.26	0.42	0	1
415	14227	CU	5/31/1960	1	0	A	M	CO	454300	4431000	2902	20.20	10.85	4.30	2.08	9.35	3.28	8.59	4.09	4.18	4.45	2.06	0.32	0	1
416	14227	CU	5/31/1960	1	0	A	M	CO	454300	4431000	2902	20.21	10.81	4.31	1.99	9.33	3.16	8.62	3.96	4.11	4.42	2.05	0.31	0	1
527	14227	CU	5/31/1960	1	0	A	M	CO	454300	4431000	2902	20.44	10.73	4.25	2.04	8.62	3.34	8.66	3.93	4.02	4.47	2.11	0.51	0	1
528	14227	CU	5/31/1960	1	0	A	M	CO	454300	4431000	2902	20.45	10.70	4.23	2.06	8.67	3.41	8.60	3.93	4.01	4.48	2.11	0.51	0	1
617	14227	CU	5/31/1960	2	0	A	M	CO	454300	4431000	2902	20.50	11.25	4.24	1.86	8.65	3.41	8.70	3.80	3.87	4.36	2.03	0.54	0	1
618	14227	CU	5/31/1960	2	0	A	M	CO	454300	4431000	2902	20.34	11.26	4.25	1.90	8.52	3.33	8.77	3.80	3.82	4.39	2.06	0.54	0	1
827	14227	CU	5/31/1960	2	0	A	M	CO	454300	4431000	2902	20.40	11.54	4.34	1.84	9.10	3.25	8.51	3.82	3.83	4.35	2.03	0.56	0	1
828	14227	CU	5/31/1960	2	0	A	M	CO	454300	4431000	2902	20.27	11.35	4.32	1.83	9.14	3.33	8.59	3.88	3.84	4.47	2.08	0.57	0	1
443	5273	CU	8/23/1947	1	0	?	M	CO	454300	4431000	2908	19.21	11.49	4.89	2.68	9.50	3.58		4.26	4.35	4.29	2.09	0.50	0	1
444	5273	CU	8/23/1947	1	0	?	M	CO	454300	4431000	2908	19.65	11.53	4.71	2.34	9.63	3.52		4.28	4.32	4.29	2.09	0.50	0	1
543	5273	CU	8/23/1947	2	0	?	M	CO	454300	4431000	2908	20.58	11.83	4.67	2.31	8.80	3.64	8.41	3.87	3.89	4.19	2.09	0.52	0	1
544	5273	CU	8/23/1947	2	0	?	M	CO	454300	4431000	2908	20.44	11.93	4.55	2.40	8.76	3.67	8.91	3.91	3.92	4.01	2.09	0.51	0	1
861	5273	CU	8/23/1947	2	0	?	M	CO	454300	4431000	2908	20.53	11.91	4.53	2.47	9.07	3.64	8.66	3.93	4.00	4.23	2.08	0.51	0	1
862	5273	CU	8/23/1947	2	0	?	M	CO	454300	4431000	2908	19.79	12.00	4.52	2.26	9.00	3.72	8.75	3.91	3.98	4.34	2.09	0.53	0	1
891	5273	CU	8/23/1947	1	0	?	M	CO	454300	4431000	2908	19.46	12.02	4.62		8.95	3.60		4.05	4.06	4.43	2.09	0.50	0	1
892	5273	CU	8/23/1947	1	0	?	M	CO	454300	4431000	2908	19.39	12.04	4.61		8.81	3.77		4.01	4.00	4.34	2.10	0.49	0	1
363	91354	KU	8/21/1947	2	0	A	M	WY	397500	4578200	3002	21.65	12.06	4.66	1.54	9.03	3.89	8.75	3.87	3.80	4.62	2.20	0.79	0	0
364	91354	KU	8/21/1947	2	0	A	M	WY	397500	4578200	3002	21.65	12.13	4.74	1.84	8.95	3.77	8.98	3.85	3.53	4.51	2.09	0.68	0	0
665	91354	KU	8/21/1947	1	0	A	M	WY	397500	4578200	3002	21.68	11.76	4.59	1.98	8.86	3.75	8.88	3.98	4.00	4.62	2.33	0.52	0	1
666	91354	KU	8/21/1947	1	0	A	M	WY	397500	4578200	3002	21.68	11.74	4.59	2.11	8.67	3.79	8.84	3.93	3.93	4.60	2.30	0.51	0	1
701	91354	KU	8/21/1947	1	0	A	M	WY	397500	4578200	3002	21.77	12.16	4.59	2.22	8.93	3.76	8.79	4.17	4.06	4.70	2.24	0.53	0	1
702	91354	KU	8/21/1947	1	0	A	M	WY	397500	4578200	3002	21.79	12.05	4.60	2.24	8.91	3.82	8.84	4.17	4.02	4.75	2.31	0.52	0	1
761	91354	KU	8/21/1947	2	0	A	M	WY	397500	4578200	3002	21.64	12.08	4.65	2.16	8.92	3.90	8.74	3.82	3.89	4.54	2.24	0.54	0	1
762	91354	KU	8/21/1947	2	0	A	M	WY	397500	4578200	3002	21.68	12.14	4.71	1.86	8.90	3.89	8.96	3.81	4.05	4.58	2.21	0.58	0	1
373	17575	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	20.41	11.44	4.36	2.09	8.51	3.50	8.87	3.76	3.78	4.43	1.89	0.69	0	1
374	17575	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	20.44	11.22	4.34	1.96	8.43	3.58	8.87	3.86	3.76	4.26	1.92	0.58	0	1
655	17575	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	19.60	10.70	4.24	2.38	8.75	3.30	8.40	4.07	3.93	4.24	1.91	0.49	0	1
656	17575	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	19.59	10.75	4.22	2.24	8.79	3.28	8.52	3.96	3.92	4.33	1.90	0.48	0	1
691	17575	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	20.37	11.13	4.27	2.01	8.59	3.37	8.43	3.88	4.16	4.11	1.93	0.46	0	1
692	17575	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	20.40	11.26	4.25	2.08	8.40	3.16	8.59	3.89	4.13	4.21	1.93	0.45	0	1
751	17575	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	20.09	11.47	4.43	1.74	8.57	3.62	8.57	3.79	4.08	4.44	1.82	0.55	0	1
752	17575	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	20.52	11.34	4.41	2.00	8.58	3.64	8.67	3.80	4.06	4.25	1.90	0.54	0	1
371	17576	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	21.70	12.06	4.51	1.71	9.07	3.78	9.34	3.77	3.85	4.69	2.16	0.73	0	1
372	17576	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	21.89	12.03	4.50	1.79	8.99	3.73	9.54	3.82	3.86	4.69	2.44	0.54	0	1
657	17576	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	21.62	12.16	4.49		9.01	3.81	9.32	4.06	3.88	4.67	2.48	0.56	0	1
658	17576	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	21.63	12.19	4.50		9.06	3.82	9.35	3.92	3.83	4.63	2.48	0.57	0	1
693	17576	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	21.75	12.20	4.53		8.38	3.66	9.06	4.01	3.73	4.57	2.47	0.52	0	1
694	17576	KU	8/28/1946	1	0	A	F	WY	395900	4576500	3047	21.70	12.23	4.56		8.26	3.65	9.10	4.02	3.74	4.60	2.48	0.52	0	1
753	17576	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	21.60	12.30	4.59	1.84	8.91	3.51	9.29	3.87	3.70	4.57	2.41	0.53	0	1
754	17576	KU	8/28/1946	2	0	A	F	WY	395900	4576500	3047	21.60	12.28	4.58	1.99	8.20	3.80	9.32	3.86	3.60	4.68	2.25	0.54	0	1
365	17577	KU	8/29/1946	2	0	A	M	WY	395900	4576500	3047	21.54	11.92	4.45	2.06	9.21	3.50	8.79	3.95	3.82	4.41	2.00	0.69	0	1
366	17577	KU	8/29/1946	2	0	A	M	WY	395900	4576500	3047	21.39	11.69	4.50	1.83	8.78	3.51	8.70	3.90	3.82	4.55	2.13	0.63	0	1
663	17577	KU	8/29/1946	1	0	A	M	WY	395900	4576500	3047	21.06	11.85	4.49	1.86	8.82	3.50	8.71	4.22	3.81	4.57	2.08	0.57	0	1
664	17577	KU	8/29/1946	1	0	A	M	WY	395900	4576500	3047	21.04	11.71	4.42	1.98	8.72	3.57	8.79	4.23	3.93	4.59	2.11	0.58	0	1
699	17577	KU	8/29/1946	1	0	A	M	WY	395900	4576500	3047	21.05	11.89	4.42	1.96	8.29	3.48	8.65	4.10	4.21	4.67	2.17	0.53	0	1
700	17577	KU	8/29/1946	1	0	A	M	WY	395900	4576500	3047	21.09	11.96	4.44	1.98	8.20	3.48	8.69	4.08	4.20	4.66	2.25	0.54	0	1
759	17577	KU	8/29/1946	2	0	A	M	WY	395900	4576500	3047	21.27	11.93	4.49	1.87	8.33	3.55	8.81	3.77	3.78	4.83	2.02	0.60	0	1
760	17577	KU	8/29/1946	2	0	A	M	WY	395900	4576500	3047	21.35	11.93	4.48	2.04	8.45	3.63	8.91	3.76	3.91	4.68	2.05	0.63	0	1
351	17578	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047	20.89	11.08	4.13	1.96	8.61	3.31	8.30	4.01	3.93	4.43	1.98	0.59	0	1
352	17578	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047	21.90	11.03	4.13	1.82	8.60	3.45	8.60	4.06	3.92	4.32	1.90	0.58	0	1
645	17578	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047	20.83	10.87	4.02	2.27	9.00	3.32	8.54	4.14	3.99	4.49	2.07	0.55	0	1
646	17578	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047	20.79	10.91	4.08	2.22	8.97	3.31	8.61	4.13	3.99	4.42	2.02	0.57	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
681	17578	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047	20.80	10.66	4.14	2.23	8.39	3.36	8.67	4.16	4.25	4.42	2.06	0.57	0	1
682	17578	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047	20.81	10.93	4.10	2.36	8.27	3.29	8.62	4.18	4.32	4.49	2.06	0.58	0	1
741	17578	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047	20.98	10.96	4.13	2.24	8.69	3.41	8.80	3.99	3.91	4.29	2.00	0.56	0	1
742	17578	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047	20.09	11.05	4.15	2.23	8.68	3.40	8.79	3.93	3.91	4.44	2.04	0.57	0	1
353	17579	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047		11.43	4.26	2.26	8.35	3.65	8.77	4.05	3.80	4.46	2.17	0.54	0	1
354	17579	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047		11.48	4.22	2.27	8.68	3.73	8.85	4.04	3.80	4.39	2.10	0.53	0	1
647	17579	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047		10.87	4.20		8.15	3.87	8.78	4.03	4.04	4.13	2.14		0	1
648	17579	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047		10.90	4.25		8.30	3.89	8.70	4.11	4.13	4.24	2.14		0	1
683	17579	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047		10.82	4.21		8.20	3.91	8.82	3.99	4.04	4.22	2.19		0	1
684	17579	KU	8/30/1946	1	0	A	F	WY	395900	4576500	3047		10.95	4.30		8.18	3.74	8.74	3.96	3.89	4.26	2.19		0	1
743	17579	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047		11.49	4.30	1.99	7.62	3.82	8.74	3.91	3.83	4.47	2.21		0	1
744	17579	KU	8/30/1946	2	0	A	F	WY	395900	4576500	3047		11.48	4.30	1.83	8.29	3.84	8.70	3.83	3.84	4.39	2.12		0	1
347	17580	KU	8/31/1946	2	0	A	M	WY	395900	4576500	3047		11.72	4.32		8.12	3.93	8.87	4.18	3.99	4.34	1.99	0.64	0	1
348	17580	KU	8/31/1946	2	0	A	M	WY	395900	4576500	3047		11.67	4.21		8.16	3.94	8.97	4.17	3.98	4.42	1.99	0.63	0	1
641	17580	KU	8/31/1946	1	0	A	M	WY	395900	4576500	3047		11.57	4.24		8.69	3.79	8.80	4.06	4.20	4.39	2.15	0.51	0	1
642	17580	KU	8/31/1946	1	0	A	M	WY	395900	4576500	3047		11.57	4.29		8.63	3.76	8.78	4.03	4.15	4.35	2.16	0.54	0	1
677	17580	KU	8/31/1946	1	0	A	M	WY	395900	4576500	3047		11.76	4.25		8.70	3.80	8.19	4.06	3.87	4.38	2.18	0.61	0	1
678	17580	KU	8/31/1946	1	0	A	M	WY	395900	4576500	3047		11.72	4.32		8.71	3.89	8.81	4.08	3.82	4.44	2.20	0.59	0	1
737	17580	KU	8/31/1946	2	0	A	M	WY	395900	4576500	3047		11.55	4.26	2.14	8.50	3.65	8.89	4.00	4.45	4.39	2.20	0.70	0	1
738	17580	KU	8/31/1946	2	0	A	M	WY	395900	4576500	3047		11.86	4.24	1.70	9.31	4.69	8.85	4.01	3.96	4.48	1.99	0.65	0	1
349	17581	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	21.11		3.94	1.96	8.94	3.58	8.56	3.94	4.27	4.40	1.95	0.72	0	1
350	17581	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	21.06		4.04	1.86	8.92	3.58	8.93	4.05	4.07	4.42	2.01	0.65	0	1
643	17581	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	21.06		3.93		8.58	3.57	8.75	4.07	3.90	4.56	2.09	0.50	0	1
644	17581	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	21.07		3.98		8.60	3.60	8.71	4.07	3.89	4.53	2.17	0.50	0	1
679	17581	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	21.14		3.92		8.95	3.75	8.76	4.05	4.13	4.65	2.20	0.50	0	1
680	17581	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	21.10		3.94		9.01	3.10	8.80	4.13	4.11	4.65	2.19	0.50	0	1
739	17581	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	21.36		4.10	2.13	9.07	3.69	8.95	4.00	3.91	4.63	2.02	0.56	0	1
740	17581	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	21.37		4.08	1.87	8.94	3.69	8.91	4.00	3.91	4.47	2.26	0.54	0	1
361	17582	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	20.32	11.38	4.15	1.62	9.94	3.29	8.43	3.95	3.80	4.17	1.89	0.57	0	1
362	17582	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	20.00	11.26	4.13	2.16	9.73	3.42	8.39	3.91	3.81	4.24	2.00	0.56	0	1
667	17582	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	20.07	11.26	4.06	2.06	8.91	3.30	8.44	4.05	4.13	4.30	1.96	0.54	0	1
668	17582	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	20.00	11.30	4.09	2.11	8.97	3.32	8.40	4.04	4.26	4.26	1.97	0.55	0	1
703	17582	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	20.13	11.11	4.11	2.27	8.59	3.32	8.26	4.10	4.07	4.24	2.00	0.54	0	1
704	17582	KU	9/1/1946	1	0	A	F	WY	395900	4576500	3047	20.11	11.12	4.10	2.27	8.51	3.33	8.42	4.06	4.17	4.27	1.95	0.53	0	1
763	17582	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	20.28	11.22	4.20	2.21	8.18	3.46	8.55	3.90	3.89	4.49	2.00	0.66	1	1
764	17582	KU	9/1/1946	2	0	A	F	WY	395900	4576500	3047	20.28	11.17	4.17	1.93	8.27	3.46	8.48	3.91	3.89	4.47	2.00	0.61	1	1
439	5968	CU	4/6/1950	1	0	A	M	CO	445300	4427700	3048			4.47		8.82	3.71	8.75	4.41	4.43	4.50	2.06	0.47	0	1
440	5968	CU	4/6/1950	1	0	A	M	CO	445300	4427700	3048			4.37		8.65	3.87	8.89	4.36	4.37	4.46	2.04	0.48	0	1
539	5968	CU	4/6/1950	2	0	A	M	CO	445300	4427700	3048			4.40	2.05	8.61	3.89	8.67	3.96	4.42	3.92	1.97	0.51	0	1
540	5968	CU	4/6/1950	2	0	A	M	CO	445300	4427700	3048			4.39	1.95	8.56	3.84	8.90	3.97	4.41	4.16	2.05	0.51	0	1
865	5968	CU	4/6/1950	2	0	A	M	CO	445300	4427700	3048			4.50	1.98	9.14	3.87	8.85	3.96	4.13	4.29	2.08	0.51	0	1
866	5968	CU	4/6/1950	2	0	A	M	CO	445300	4427700	3048			4.48	2.42	9.17	3.73	9.18	3.93	4.16	4.41	2.07	0.51	0	1
887	5968	CU	4/6/1950	1	0	A	M	CO	445300	4427700	3048			4.42		8.62	3.90	8.73	4.29	4.48	4.61	2.06	0.44	0	1
888	5968	CU	4/6/1950	1	0	A	M	CO	445300	4427700	3048			4.40		8.44	3.84	8.81	4.33	4.51	4.53	2.07	0.46	0	1
437	5969	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048	22.18		4.80	2.31	9.75	3.73	9.40	4.59	4.34	4.87	2.01	0.54	0	1
438	5969	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048	22.18		4.78	2.44	9.77	3.73	9.61	4.65	4.34	4.65	2.01	0.55	0	1
537	5969	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048	22.39		4.73	2.02	9.45	3.80	9.79	4.10	4.10	4.82	1.95	0.60	0	1
538	5969	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048	22.43		4.72	2.20	9.43	3.76	9.74	4.10	4.11	4.84	1.94	0.58	0	1
867	5969	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048	22.34		4.73	2.15	9.67	3.81	9.76	4.13	4.42	4.88	1.97	0.58	0	1
868	5969	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048	22.40		4.73	2.44	9.67	3.72	9.97	4.10	4.06	4.85	2.04	0.58	0	1
885	5969	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048	22.01		4.81	2.50	9.40	3.58	9.46	4.18	4.27	4.87	2.00	0.54	0	1
886	5969	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048	21.86		4.74	2.58	9.38	3.74	9.64	4.08	4.30	4.89	2.00	0.54	0	1
435	5970	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048		12.11	4.56		9.37	3.78	9.42	4.37	4.24	4.86	2.55	0.45	0	1
436	5970	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048		12.10	4.57		9.41	3.63	9.13	4.33	4.28	4.72	2.54	0.51	0	1
535	5970	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048		12.33	4.59	2.19	9.33	3.83	9.34	4.10	4.55	4.68	2.50	0.57	0	1
536	5970	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048		12.30	4.62	1.98	9.22	3.90	9.26	4.10	4.55	4.80	2.51	0.57	0	1
869	5970	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048		12.14	4.57	2.00	9.23	3.90	9.41	4.00	4.11	4.84	2.44	0.59	0	1
870	5970	CU	4/6/1950	2	0	A	F	CO	445300	4427700	3048		12.27	4.68	2.23	9.22	3.86	9.47	3.90	4.11	4.78	2.23	0.53	0	1
883	5970	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048		12.24	4.63		9.43	3.75	9.20	4.35	4.58	4.76	2.50	0.54	0	1
884	5970	CU	4/6/1950	1	0	A	F	CO	445300	4427700	3048		12.16	4.65		9.43	3.87	9.01	4.82	4.54	4.78	2.50	0.53	0	1
441	5397	CU	6/24/1948	1	0	A	M	CO	231165	4194816	3109	22.71	13.37	4.49	2.36	9.73	3.98	9.06	4.24	4.01	4.54	2.14	0.51	0	1
442	5397	CU	6/24/1948	1	0	A	M	CO	231165	4194816	3109	22.73	13.30	4.50	2.43	9.70	4.08	9.29	4.21	3.92	4.60	2.11	0.51	0	1
541	5397	CU	6/24/1948	2	0	A	M	CO	231165	4194816	3109	22.75	13.18	4.41	2.22	9.66	4.24	9.52	4.03	3.68	4.79	2.09	0.62	0	1
542	5397	CU	6/24/1948	2	0	A	M	CO	231165	4194816	3109	22.78	13.23	4.47	1.86	9.35	4.22	9.54	4.00	3.73	4.78	2.07	0.62	0	1
863	5397	CU	6/24/1948	2	0	A	M	CO	231165	4194816	3109	22.90	13.47	4.45	2.13	9.59	4.22	9.64	4.03	3.91	4.79	2.14	0.51	0	1
864	5397	CU	6/24/1948	2	0	A	M	CO	231165	4194816	3109	22.89	13.36	4.43	2.05	9.44	4.20	9.64	4.00	3.67	5.04	2.11	0.53	0	1
889	5397	CU	6/24/1948	1	0	A	M	CO	231165	4194816	3109	22.92	13.34	4.66	1.78	9.77	3.96	9.33	4.16	3.86	4.73	2.12	0.49	0	1
890	5397	CU	6/24/1948	1	0	A	M	CO	231165	4194816	3109	22.88	13.43	4.42	2.07	9.88	4.00	9.38	4.12	3.81	4.78	2.13	0.49	0	1
5	4970	DMNS	8/16/1941	1	0	A	F	CO	318200	4432000	3139	21.66	12.44	4.44	2.09	8.90	3.71	9.25	4.25	4.06	4.43	2.40	0.73	1	1
6	4970	DMNS	8/16/1941	1	0	A	F	CO	318200	4432000	3139	21.46	12.48	4.31	1.98	8.72	3.50	9.27	4.30	3.93	4.91	2.23	0.74	1	1
195	4970	DMNS	8/16/1941	2	0	A	F	CO	318200	4432000	3139	21.42	12.32	4.23	2.16	9.08	3.83	9.06	3.93	4.16	3.66	2.27	0.48	0	1
196	4970	DMNS	8/16/1941	2	0	A	F	CO	318200	4432000	3139	21.41	12.50	4.27	2.23	9.15	3.66	9.32	4.00	4.17	3.69	2.34	0.48	0	1
281	4970	DMNS	8/16/1941	1	0	A	F	CO	318200	4432000	3139	21.38	12.39	4.32	2.05	9.10	3.81	8.96	4.08	4.20	4.10	2.34	0.47	0	1
282	4970	DMNS	8/16/1941	1	0	A	F	CO	318200	4432000	3139	21.35	12.42	4.33	1.79	9.12	3.49	8.82	4.08	4.15	4.01	2.35	0.46	0	1
335	4970	DMNS	8/16/1941	2	0	A	F	CO	318200	4432000	3139	21.36	12.34	4.38	1.95	9.05	3.80	9.49	4.04	3.91	3.93	2.35	0.48	0	1
336	4970	DMNS	8/16/1941	2	0	A	F	CO	318200	4432000	3139	21.44	12.39	4.35	2.33	9.00	3.81	9.41	3.85	3.89	3.86	2.34	0.48	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
59	4971	DMNS	8/16/1941	1	0	A	M	CO	318200	4432000	3139	21.29	12.22	4.90	2.10	9.18	3.26	9.21	4.33	4.50	4.16	2.30	0.52	0	1
60	4971	DMNS	8/16/1941	1	0	A	M	CO	318200	4432000	3139	21.34	12.26	4.74	2.26	9.25	3.27	9.14	4.39	4.28	4.07	2.21	0.54	0	1
117	4971	DMNS	8/16/1941	2	0	A	M	CO	318200	4432000	3139	22.02	12.24	5.03	2.39	9.44	3.53	9.36	4.23	3.72	3.54	2.14	0.65	0	1
118	4971	DMNS	8/16/1941	2	0	A	M	CO	318200	4432000	3139	22.21	12.16	5.05	2.40	9.57	3.43	9.60	4.22	3.71	3.56	2.09	0.69	0	1
201	4971	DMNS	8/16/1941	1	0	A	M	CO	318200	4432000	3139	22.30	12.20	4.59	2.17	9.38	3.51	9.24	4.27	4.18	4.33	2.22	0.57	1	1
202	4971	DMNS	8/16/1941	1	0	A	M	CO	318200	4432000	3139	22.24	12.16	4.63	2.25	9.39	3.51	9.35	4.31	4.11	4.25	2.25	0.56	1	1
377	4971	DMNS	8/16/1941	2	0	A	M	CO	318200	4432000	3139	22.19	12.14	4.79	1.93	9.26	3.61	9.24	4.15	4.03	4.16	2.10	0.63	0	1
378	4971	DMNS	8/16/1941	2	0	A	M	CO	318200	4432000	3139	22.26	12.22	4.75	2.24	9.24	3.63	9.62	4.16	4.03	4.08	2.18	0.59	0	1
357	27666	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.66	12.30	4.53	1.93	9.48	4.02	9.66	3.92	3.95	5.10	2.17	0.66	0	1
358	27666	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.48	12.29	4.53	2.06	9.47	3.99	9.39	3.91	3.95	5.08	2.10	0.67	0	1
651	27666	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	22.00	12.45	4.48	2.20	9.50	3.75	8.98	4.15	3.92	4.68	2.21	0.53	0	1
652	27666	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	21.97	12.43	4.49	2.15	9.48	3.82	9.18	4.12	3.91	4.73	2.21	0.53	0	1
687	27666	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	22.47	12.55	4.48	2.29	9.68	3.75	9.35	4.11	4.04	4.88	2.08	0.53	0	1
688	27666	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	22.47	12.54	4.49	2.35	9.66	3.80	9.31	4.07	4.01	4.87	2.09	0.55	0	1
747	27666	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.41	12.67	4.62	2.13	9.48	3.91	9.41	3.89	3.94	5.10	2.08	0.55	0	1
748	27666	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.05	12.66	4.62	2.31	9.42	4.15	9.51	3.85	3.93	4.86	2.11	0.60	0	1
355	27667	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	22.24		4.51	1.99	9.37	3.97	9.49	4.17	4.18	5.02	2.21	0.77	0	1
356	27667	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	22.19		4.42	2.01	9.37	3.88	9.09	4.17	3.94	4.75	2.33	0.55	0	1
649	27667	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.24		4.41	2.27	9.28	3.83	9.00	4.19	4.00	4.95	2.33	0.51	0	1
650	27667	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.24		4.44	2.22	9.15	3.83	8.93	4.23	4.00	4.88	2.35	0.51	0	1
685	27667	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.24		4.37	2.44	9.10	3.85	9.41	4.16	3.85	4.91	2.34	0.56	0	1
686	27667	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.28		4.38	2.26	9.42	3.90	9.33	4.19	3.89	4.98	2.34	0.53	0	1
745	27667	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	22.40		4.46	1.93	9.70	3.76	9.38	4.17	3.94	4.78	2.30	0.57	0	1
746	27667	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	22.87		4.44	2.15	9.65	3.90	9.29	4.04	3.99	4.87	2.29	0.58	0	1
369	27668	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.35	12.74	4.67	1.91	9.78	3.70	9.31	4.02	3.39	4.81	2.18	0.79	0	1
370	27668	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.40	12.78	4.64	1.87	9.97	3.92	9.32	3.92	3.82	4.63	2.22	0.77	0	1
659	27668	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	22.29	12.62	4.63	2.33	9.89	3.78	8.99	4.28	3.98	4.72	2.38	0.61	0	1
660	27668	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	22.32	12.57	4.64	2.25	9.87	3.75	8.96	4.26	4.01	4.70	2.41	0.62	0	1
695	27668	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	22.41	12.72	4.63	2.36	9.99	3.84	9.32	4.25	4.17	4.76	2.30	0.60	0	1
696	27668	KU	8/1/1948	1	0	A	F	WY	389100	4576800	3181	22.41	12.73	4.58	2.11	9.98	3.84	9.32	4.28	4.19	4.73	2.28	0.61	0	1
755	27668	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.42	12.88	4.73	2.24	9.49	3.88	9.25	4.05	3.94	4.73	2.17	0.72	0	1
756	27668	KU	8/1/1948	2	0	A	F	WY	389100	4576800	3181	22.42	12.77	4.67	1.86	9.44	3.92	9.30	4.05	3.94	4.92	2.15	0.62	0	1
367	27669	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	23.05		4.35	2.13	9.74	3.90	9.64	4.00	3.90	5.07	2.42	0.57	0	1
368	27669	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	22.90		4.37	2.19	9.52	4.02	9.82	3.90	3.93	5.10	2.45	0.60	0	1
661	27669	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.83		4.31	1.97	9.98	3.94	9.52	3.99	4.04	5.04	2.50	0.55	0	1
662	27669	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.79		4.32	2.07	9.89	3.89	9.57	3.98	3.99	4.93	2.53	0.56	0	1
697	27669	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.91		4.33	2.53	9.74	3.76	9.75	4.06	3.66	5.16	2.52	0.55	0	1
698	27669	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	22.89		4.32	2.54	9.88	3.76	9.64	4.02	3.67	5.15	2.50	0.55	0	1
757	27669	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	22.46		4.37	2.29	9.65	4.02	9.75	3.91	3.93	5.00	2.54	0.57	0	1
758	27669	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	22.74		4.39	2.26	9.84	4.09	9.71	3.91	3.93	5.10	2.52	0.56	0	1
359	27670	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	21.28	12.10	4.42	2.51	9.05	3.66	9.14	4.20	3.92	4.33	2.20	0.75	0	1
360	27670	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	21.30	12.08	4.43	2.10	8.97	3.61	9.43	4.11	3.89	4.61	2.11	0.62	0	1
669	27670	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	21.30	11.87	4.43	2.56	9.03	3.60	9.11	4.26	4.10	4.29	2.31	0.57	0	1
670	27670	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	21.28	11.95	4.46	2.41	8.94	3.65	9.21	4.28	3.99	4.17	2.33	0.57	0	1
705	27670	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	21.66	12.06	4.41	2.35	9.31	3.62	9.14	4.31	4.13	4.65	2.40	0.56	0	1
706	27670	KU	8/1/1948	1	0	A	M	WY	389100	4576800	3181	21.62	11.84	4.38	2.48	9.20	3.70	9.19	4.38	4.13	4.57	2.38	0.56	0	1
765	27670	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	21.33	11.87	4.63	2.19	9.17	3.69	9.22	4.15	3.70	4.66	2.31	0.58	0	1
766	27670	KU	8/1/1948	2	0	A	M	WY	389100	4576800	3181	21.54	11.79	4.58	2.00	9.14	3.70	9.17	4.14	3.92	4.67	2.40	0.61	0	1
427	14370	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.73	12.20	4.60	2.58	9.59	3.72	9.49	4.20	4.12	4.81	2.38	0.52	0	1
428	14370	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.75	12.20	4.56	2.48	9.59	3.72	9.65	4.24	4.15	4.77	2.38	0.53	0	1
509	14370	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.78	12.00	4.55	2.26	10.00	3.84	9.53	4.29	4.11	4.84	2.39	0.51	0	1
510	14370	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.78	11.93	4.53	2.18	9.90	3.92	9.38	4.26	4.14	4.84	2.38	0.51	0	1
633	14370	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.65	12.21	4.51	2.27	8.90	3.49	9.61	3.98	4.35	4.76	2.39	0.51	0	1
634	14370	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.55	12.27	4.55	2.18	9.09	3.77	9.62	3.93	4.38	4.72	2.34	0.53	0	1
813	14370	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.78	12.21	4.54	2.33	9.19	3.96	9.11	3.83	4.20	4.63	2.30	0.54	0	1
814	14370	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.76	12.22	4.52	2.39	9.27	4.03	9.43	3.87	3.94	4.71	2.38	0.53	0	1
965	14370	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.65	12.45	4.59	2.21	9.50	3.98	9.34	4.21	4.09	4.65	2.52	0.52	0	1
966	14370	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.61	12.46	4.58	2.10	9.47	3.84	9.39	4.15	3.98	4.82	2.43	0.51	0	1
407	14372	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.12	12.12	4.52	2.12	8.61	3.72	8.98	4.37	4.36	4.65	2.13	0.52	0	1
408	14372	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.15	12.13	4.45	2.27	8.70	3.69	8.97	4.34	4.24	4.63	2.10	0.54	0	1
479	14372	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.07	12.17	4.55	2.27	9.69	3.50	9.06	4.39	4.23	4.84	2.21	0.54	0	1
480	14372	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.09	12.18	4.56	2.08	9.62	3.67	8.98	4.39	4.26	4.80	2.17	0.50	0	1
569	14372	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	22.09	12.29	4.63	2.14	9.15	3.75	8.96	4.09	4.09	4.60	2.10	0.53	0	1
570	14372	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	22.03	12.46	4.59	2.13	9.10	3.70	9.05	4.22	4.09	4.48	2.10	0.53	0	1
881	14372	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	22.11	12.18	4.43	2.05	9.17	3.76	9.01	4.11	4.05	4.52	1.96	0.57	0	1
882	14372	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	22.17	12.16	4.40	2.07	9.15	3.70	9.08	4.10	4.05	4.44	2.11	0.54	0	1
405	14373	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.68	12.11	4.86	2.34	9.70	3.64	9.29	4.47	4.24	5.12	2.34	0.54	0	1
406	14373	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.69	12.06	4.89	2.33	9.74	3.68	9.38	4.44	4.23	5.11	2.31	0.54	0	1
477	14373	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.73	11.87	4.80	2.29	9.88	3.73	9.52	4.40	4.46	5.02	2.40	0.52	0	1
478	14373	CU	7/22/1970	1	0	A	F	CO	421500	4403700	3182	22.72	11.90	4.77	2.22	9.90	3.72	9.46	4.45	4.47	5.16	2.36	0.53	0	1
571	14373	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.65	11.91	4.62	2.61	9.67	3.72	9.79	4.15	4.10	4.68	2.19	0.55	0	1
572	14373	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.67	12.01	4.62	2.43	9.43	3.79	9.71	4.10	4.01	4.94	2.32	0.55	0	1
879	14373	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.73	11.94	4.73	2.08	9.22	3.83	9.73	4.08	3.91	5.20	2.40	0.57	0	1
880	14373	CU	7/22/1970	2	0	A	F	CO	421500	4403700	3182	22.72	11.95	4.75	2.30	9.23	3.88	9.85	4.08	4.16	4.98	2.30	0.56	0	1
403	14374	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.35	12.12	4.36	2.49	9.47	4.01	8.87	4.11	4.16	4.67	2.48	0.52	0	1
404	14374	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.35	12.14	4.36	2.43	9.45	4.00	8.85	4.14	4.20	4.99	2.40	0.53	0	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
475	14374	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.35	12.17	4.38	2.12	9.62	4.04	9.02	4.26	4.24	5.01	2.42	0.51	0	1
476	14374	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	22.16	12.16	4.36	2.19	9.69	3.97	8.96	4.26	4.24	4.88	2.40	0.52	0	1
573	14374	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	22.38	12.01	4.41	1.99	9.28	3.97	9.04	4.08	3.95	4.84	2.48	0.54	0	1
574	14374	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	22.37	12.03	4.39	2.04	9.17	4.13	9.19	4.02	3.96	5.06	2.39	0.54	0	1
877	14374	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	22.05	12.19	4.37	1.88	9.04	4.20	9.04	3.98	4.13	4.70	2.44	0.54	0	1
878	14374	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	21.92	12.07	4.38	2.08	8.99	3.96	9.07	4.02	3.99	4.83	2.32	0.54	0	1
401	14375	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	21.44	11.98	4.37	2.08	8.77	3.64	8.83	3.70	3.84	4.63	2.16	0.48	0	1
402	14375	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	21.44	11.96	4.38	2.16	8.76	3.65	8.76	3.71	3.80	4.55	2.16	0.44	0	1
473	14375	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	21.40	12.03	4.32	2.51	9.41	3.80	8.63	4.01	4.16	4.42	2.32	0.48	0	1
474	14375	CU	7/22/1970	1	0	A	M	CO	421500	4403700	3182	21.43	11.95	4.34	2.39	9.37	3.79	8.62	4.01	4.11	4.49	2.33	0.48	0	1
575	14375	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	21.21	12.05	4.35	2.00	8.93	3.83	8.64	3.64	4.09	4.57	2.05	0.55	0	1
576	14375	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	21.27	11.93	4.36	2.00	9.14	3.81	8.94	3.60	3.83	4.56	2.10	0.61	0	1
875	14375	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	21.35	12.05	4.52	1.89	8.64	3.79	8.69	3.81	3.66	4.58	2.15	0.49	0	1
876	14375	CU	7/22/1970	2	0	A	M	CO	421500	4403700	3182	21.36	11.88	4.55	1.72	9.12	3.82	8.86	3.81	3.64	4.58	2.21	0.48	0	1
417	14365	CU	7/8/1970	1	0	A	M	CO	420100	4401000	3194		11.94	4.58	2.47	9.59	3.97	9.10	4.43	4.48	4.83	2.10	0.53	0	1
418	14365	CU	7/8/1970	1	0	A	M	CO	420100	4401000	3194		11.94	4.59	2.20	9.61	3.93	9.25	4.30	4.60	4.64	2.10	0.52	0	1
525	14365	CU	7/8/1970	1	0	A	M	CO	420100	4401000	3194		11.90	4.61	2.06	8.94	3.90	9.21	4.33	4.32	4.68	2.16	0.51	0	1
526	14365	CU	7/8/1970	1	0	A	M	CO	420100	4401000	3194		11.90	4.63	2.10	8.96	3.90	9.23	4.34	4.29	4.77	2.50	0.51	0	1
615	14365	CU	7/8/1970	2	0	A	M	CO	420100	4401000	3194	21.45	12.10	4.75	2.33	9.54	3.78	9.13	4.16	4.47	4.66	2.13	0.59	0	1
616	14365	CU	7/8/1970	2	0	A	M	CO	420100	4401000	3194	21.49	11.98	4.62	2.24	9.53	3.73	9.47	4.16	4.49	4.73	2.12	0.55	0	1
829	14365	CU	7/8/1970	2	0	A	M	CO	420100	4401000	3194	22.06	12.17	4.68	2.30	9.33	3.82	9.02	4.24	4.42	4.74	2.17	0.51	0	1
830	14365	CU	7/8/1970	2	0	A	M	CO	420100	4401000	3194	22.03	12.11	4.64	2.07	9.26	3.93	9.14	4.05	4.42	4.74	2.09	0.55	0	1
419	14366	CU	7/8/1970	1	0	A	F	CO	420100	4401000	3194	22.37	12.85	4.66	2.20	9.71	4.18	9.51	4.33	4.66	5.01	2.54	0.56	0	1
420	14366	CU	7/8/1970	1	0	A	F	CO	420100	4401000	3194	22.34	12.89	4.66	2.10	9.72	4.07	9.47	4.34	4.55	5.08	2.52	0.55	0	1
523	14366	CU	7/8/1970	1	0	A	F	CO	420100	4401000	3194	22.38	12.91	4.84	2.30	9.60	4.02	9.53	4.39	4.33	5.16	2.54	0.54	0	1
524	14366	CU	7/8/1970	1	0	A	F	CO	420100	4401000	3194	22.36	12.88	4.82	2.23	9.64	4.15	9.52	4.39	4.32	5.16	2.51	0.53	0	1
613	14366	CU	7/8/1970	2	0	A	F	CO	420100	4401000	3194	22.39	12.69	4.63	2.24	9.81	3.97	9.63	4.37	4.29	5.10	2.47	0.62	0	1
614	14366	CU	7/8/1970	2	0	A	F	CO	420100	4401000	3194	22.31	13.07	4.67	2.05	9.71	4.13	9.69	4.16	4.22	5.22	2.45	0.61	0	1
831	14366	CU	7/8/1970	2	0	A	F	CO	420100	4401000	3194	22.58	13.03	4.64	2.47	10.32	4.19	9.39	4.14	4.19	5.31	2.40	0.60	0	1
832	14366	CU	7/8/1970	2	0	A	F	CO	420100	4401000	3194	22.47	12.86	4.70	2.32	9.96	4.20	9.57	4.13	4.19	5.16	2.41	0.59	0	1
421	14367	CU	7/9/1970	1	0	A	M	CO	420100	4401000	3194	22.22	11.66	4.68	2.33	9.49	3.48	9.10	4.60	4.26	4.84	2.37	0.67	0	1
422	14367	CU	7/9/1970	1	0	A	M	CO	420100	4401000	3194	22.22	11.68	4.71	2.41	9.47	3.39	8.89	4.58	4.29	4.57	2.36	0.67	0	1
521	14367	CU	7/9/1970	1	0	A	M	CO	420100	4401000	3194	22.18		4.70	2.16	8.69	3.63	9.13	4.45	4.13	4.77	2.59	0.67	0	1
522	14367	CU	7/9/1970	1	0	A	M	CO	420100	4401000	3194	22.17		4.73	2.02	8.75	3.59	9.20	4.54	4.17	4.76	2.50	0.67	0	1
611	14367	CU	7/9/1970	2	0	A	M	CO	420100	4401000	3194	22.20		4.74	2.23	9.23	3.49	9.29	4.29	4.07	4.36		0.69	0	1
612	14367	CU	7/9/1970	2	0	A	M	CO	420100	4401000	3194	22.19		4.70	2.27	9.17	3.52	9.24	4.30	4.14	4.58		0.69	0	1
833	14367	CU	7/9/1970	2	0	A	M	CO	420100	4401000	3194	21.92	11.86	4.75	2.07	9.41	3.56	9.26	4.29	4.04	4.36		0.72	0	1
834	14367	CU	7/9/1970	2	0	A	M	CO	420100	4401000	3194	21.74	11.97	4.69	1.96	9.43	3.55	9.26	4.12	4.11	4.70		0.73	0	1
423	14368	CU	7/9/1970	1	0	A	F	CO	420100	4401000	3194	22.18	12.60	4.64	2.53	9.57	3.69	8.93	4.50	4.31	4.83	2.45	0.59	0	1
424	14368	CU	7/9/1970	1	0	A	F	CO	420100	4401000	3194	22.18	12.62	4.62	2.23	9.68	3.62	9.02	4.54	4.26	4.88	2.46	0.58	0	1
519	14368	CU	7/9/1970	1	0	A	F	CO	420100	4401000	3194	22.11	12.38	4.61	2.38	9.58	3.69	9.08	4.38	4.23	4.80	2.42	0.60	0	1
520	14368	CU	7/9/1970	1	0	A	F	CO	420100	4401000	3194	22.12	12.40	4.61	2.38	9.58	3.58	9.06	4.37	4.17	4.83	2.48	0.59	0	1
609	14368	CU	7/9/1970	2	0	A	F	CO	420100	4401000	3194	23.02	12.67	4.63	2.61	9.46	3.87	9.45	4.16	4.38	4.67	2.42	0.65	0	1
610	14368	CU	7/9/1970	2	0	A	F	CO	420100	4401000	3194	23.01	12.61	4.63	2.32	9.54	3.97	9.41	4.13	4.17	4.76	2.38	0.65	0	1
835	14368	CU	7/9/1970	2	0	A	F	CO	420100	4401000	3194	21.91	12.53	4.67	2.50	8.82	3.82	9.18	3.82	4.42	4.83	2.40	0.66	0	1
836	14368	CU	7/9/1970	2	0	A	F	CO	420100	4401000	3194	21.95	12.59	4.68	2.37	8.82	3.87	9.27	3.84	4.18	4.69	2.37	0.65	0	1
375	17573	KU	9/1/1946	2	0	A	F	WY	392800	4577600	3230		12.38	4.28	1.97	8.83	3.93	8.70	4.08	3.94	4.30	2.16	0.51	0	1
376	17573	KU	9/1/1946	2	0	A	F	WY	392800	4577600	3230		12.38	4.24	1.85	8.62	3.93	8.83	4.04	3.92	4.48	2.05	0.68	0	1
653	17573	KU	9/1/1946	1	0	A	F	WY	392800	4577600	3230			4.15		8.86	3.86	8.80	4.11	3.91	4.78	2.22	0.58	0	1
654	17573	KU	9/1/1946	1	0	A	F	WY	392800	4577600	3230			4.17		8.86	3.82	8.74	4.07	3.97	4.72	2.25	0.57	0	1
689	17573	KU	9/1/1946	1	0	A	F	WY	392800	4577600	3230			4.30		8.73	3.98	8.71	4.21	4.10	4.50	2.35	0.58	0	1
690	17573	KU	9/1/1946	1	0	A	F	WY	392800	4577600	3230			4.25		8.66	4.07	8.72	4.19	4.10	4.61	2.34	0.57	0	1
749	17573	KU	9/1/1946	2	0	A	F	WY	392800	4577600	3230	21.62	12.47	4.29	2.16	9.33	4.01	8.96	4.04	3.86	4.56	2.35	0.60	0	1
750	17573	KU	9/1/1946	2	0	A	F	WY	392800	4577600	3230	21.81	12.73	4.78	2.07	9.28	3.79	9.76	4.09	4.06	4.89	2.25	0.58	0	1
507	13737	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.79	13.08	4.53	2.73	9.40	4.09	9.60	4.36	4.24	4.76	2.53	0.52	0	1
508	13737	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.82	13.04	4.53	2.56	9.36	4.10	9.78	4.32	4.18	4.97	2.52	0.53	0	1
593	13737	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.73	13.23	4.55	2.21	8.87	4.23	9.90	4.27	4.09	4.86	2.36	0.59	0	1
594	13737	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.73	13.21	4.56	2.21	8.98	4.24	9.94	4.18	4.09	4.88	2.38	0.61	0	1
783	13737	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.81	13.06	4.62	2.20	9.08	4.16	9.56	4.40	4.10	4.93	2.13	0.60	0	1
784	13737	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.77	12.82	4.60	1.94	9.01	3.96	9.83	4.39	4.10	4.80	2.22	0.59	0	1
929	13737	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.74	13.32	4.50	2.56	8.95	3.99	9.52	4.16	4.33	4.45	2.36	0.61	0	1
930	13737	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.80	13.42	4.49	2.40	8.95	4.00	9.61	4.00	4.18	4.52	2.38	0.62	0	1
957	13737	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.71	13.29	4.73	2.64	9.31	4.18	9.62	4.40	4.25	4.75	2.43	0.64	0	1
958	13737	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.72	13.33	4.60	2.74	9.30	4.21	9.58	4.37	4.30	4.67	2.44	0.64	0	1
505	13739	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.17				9.85	3.77	9.43	4.20	4.35	4.47	2.39	0.58	0	1
506	13739	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.16				9.78	3.77	9.57	4.26	4.33	4.52	2.37	0.58	0	1
591	13739	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.20			1.84	9.22	3.75	9.55	4.01	3.85	4.59	2.17	0.63	0	1
592	13739	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.16			1.72	9.57	3.69	9.56	4.02	3.83	4.62	2.16	0.63	0	1
785	13739	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.31			1.71	8.91	3.75	9.54	4.01	3.93	4.69	2.21	0.60	0	1
786	13739	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.37			1.72	9.15	3.74	9.53	3.98	3.80	4.66	2.27	0.65	0	1
931	13739	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	21.92		4.38		9.04	3.80	9.12	4.04	4.98	4.63	2.26	0.57	0	1
932	13739	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	21.91				9.04	3.78	9.36	4.14	5.02	4.48	2.26	0.56	0	1
955	13739	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.17				9.41	3.77	9.23	4.09	4.38	4.44	2.16	0.62	1	0
956	13739	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.18				9.42	3.79	9.30	4.11	4.39	4.49	2.17	0.62	1	0
491	13740	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358		11.36	4.46		9.41	3.77	9.10	4.32	4.34	4.66	2.08	0.54	1	1
492	13740	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358		11.27	4.47		9.42	3.88	9.30	4.33	4.35	4.64	2.15	0.53	1	1

ORIGID	CATALOGUE NUMBER	MUSEUM	COLLECTION DATE	RECORDER	SPECIES	AGE	SEX	STATE	UTMX	UTMY	ELEVATION	CONLEN	ZYGBRE	LSTIOB	LSTIBW	MASMA	PALBRE	PALLEN	UTRLEN	LMTRLEN	IFLEN	IFWID	PM4WID	LM1FOLD	LM3WEAR
605	13740	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358		11.64	4.45	1.77	8.98	3.91	9.08	4.17	3.95	4.71	2.10	0.58	0	1
606	13740	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358		11.49	4.42	1.87	8.94	3.92	9.36	4.13	3.96	4.65	2.17	0.57	0	1
787	13740	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358		11.25	4.80	1.77	9.12	3.77	9.09	3.96	3.92	4.53	2.19	0.58	0	1
788	13740	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358		11.24	4.58	1.89	9.00	3.80	9.09	4.03	3.92	4.62	2.19	0.57	0	1
933	13740	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358		11.56	4.58		9.13	3.77	9.00	4.27	4.15	4.83	2.19	0.54	0	1
934	13740	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358		11.63	4.50		9.08	3.71	9.11	4.30	4.06	4.81	2.18	0.55	0	1
501	13742	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358	21.90	11.62	4.54		9.50	3.75	8.68	4.33	4.47	4.26	2.31	0.44	0	1
502	13742	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358	21.88	11.77	4.55		9.45	3.85	8.75	4.25	4.40	4.15	2.33	0.46	0	1
587	13742	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358	21.53	12.15	4.61	2.11	9.27	3.57	9.11	3.99	4.01	4.09	2.31	0.40	0	1
588	13742	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358	21.52	12.01	4.54	1.89	9.21	3.53	8.90	3.94	4.01	4.47	2.20	0.40	0	1
791	13742	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358	21.50	11.81	4.81	2.16	9.53	3.88	8.92	3.89	4.01	4.01	2.28	0.52	0	1
792	13742	CU	7/15/1931	2	0	A	F	CO	261612	4197841	3358	21.41	11.76	4.63	2.06	9.55	4.02	8.95	3.84	4.01	3.79	2.26	0.53	0	1
951	13742	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358	21.55	12.00	4.55		9.10	3.88	8.52	3.99	4.10	3.89	2.28	0.49	0	1
952	13742	CU	7/15/1931	1	0	A	F	CO	261612	4197841	3358	21.53	12.09	4.54		9.06	3.92	8.60	4.09	4.09	3.84	2.28	0.48	0	1
497	13744	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.78	12.20	4.45	2.15	9.84	3.88	9.39	4.45	4.55	4.39	2.43	0.56	0	1
498	13744	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.75	12.10	4.46	2.24	9.83	3.94	9.39	4.44	4.52	4.59	2.38	0.55	0	1
583	13744	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.92	12.20	4.56	2.16	10.05	3.79	9.49	4.44	4.21	4.38	2.44	0.59	0	1
584	13744	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.91	12.18	4.53	2.05	9.89	3.88	9.49	4.41	4.21	4.39	2.23	0.59	0	1
795	13744	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.90	11.94	4.77	2.19	9.43	4.04	9.38	4.18	3.97	4.80	2.21	0.59	0	1
796	13744	CU	7/15/1931	2	0	A	M	CO	261612	4197841	3358	22.94	12.03	4.60	2.13	9.79	3.83	9.59	4.17	3.97	4.78	2.23	0.59	0	1
947	13744	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.79	12.05	4.45	2.10	9.64	3.86	9.36	4.27	4.52	4.69	2.35	0.55	1	0
948	13744	CU	7/15/1931	1	0	A	M	CO	261612	4197841	3358	22.79	12.07	4.49	2.13	9.67	3.86	9.21	4.30	4.49	4.68	2.37	0.54	1	0
503	13741	CU	8/4/1931	1	0	A	F	CO	213748	4198174	3844	22.32		4.27	2.18	9.06	4.00	9.09	4.17	4.49	4.61	2.21	0.52	0	1
504	13741	CU	8/4/1931	1	0	A	F	CO	213748	4198174	3844	22.32		4.29	2.19	9.14	4.01	9.13	4.14	4.44	4.57	2.19	0.51	0	1
589	13741	CU	8/4/1931	2	0	A	F	CO	213748	4198174	3844	22.19		4.21	2.39	9.75	4.16	9.06	3.60	3.82	4.61	2.17	0.52	0	1
590	13741	CU	8/4/1931	2	0	A	F	CO	213748	4198174	3844	22.19		4.31	2.05	9.64	4.19	9.08	3.59	3.83	4.66	2.15	0.50	0	1
789	13741	CU	8/4/1931	2	0	A	F	CO	213748	4198174	3844	22.21		4.60	2.08	9.35	4.04	8.85	3.86	3.83	4.66	2.05	0.59	0	1
790	13741	CU	8/4/1931	2	0	A	F	CO	213748	4198174	3844	22.33		4.38	2.33	9.76	3.99	8.99	3.76	3.85	4.62	2.11	0.51	0	1
953	13741	CU	8/4/1931	1	0	A	F	CO	213748	4198174	3844	22.27		4.17	2.19	9.57	4.09	8.82	3.94	4.01	4.53	2.12	0.45	0	1
954	13741	CU	8/4/1931	1	0	A	F	CO	213748	4198174	3844	22.28		4.15	2.16	9.60	3.89	8.89	3.74	4.05	4.43	2.13	0.45	0	1
65	1053	DMNS	9/1/2013	1	0	A	M	CO				21.79	12.35	4.40		9.52	3.92	9.10	4.50	4.28	4.80	2.28	0.46	0	1
66	1053	DMNS	9/1/2013	1	0	A	M	CO				21.83	12.33	4.42		9.55	3.94	9.06	4.43	4.20	4.77	2.28	0.45	0	1
155	1053	DMNS	9/1/2013	2	0	A	M	CO				21.99	12.21	4.46	2.23	9.88	3.93	9.54	3.95	4.24	4.74	2.25	0.49	1	1
156	1053	DMNS	9/1/2013	2	0	A	M	CO				21.17	12.37	4.46	1.99	9.88	3.96	9.44	4.07	4.21	4.87	2.21	0.48	1	1
239	1053	DMNS	9/1/2013	1	0	A	M	CO				21.99	12.02	4.37		10.19	3.95	9.29	4.28	4.27	4.96	2.29	0.50	1	1
240	1053	DMNS	9/1/2013	1	0	A	M	CO				22.01	11.98	4.39		10.05	3.94	9.06	4.32	4.29	4.97	2.22	0.52	1	1
725	1053	DMNS	9/1/2013	2	0	A	M	CO				22.07	12.19	4.42	2.21	9.28	3.81	9.29	4.25	4.18	4.76	2.23	0.49	0	1
726	1053	DMNS	9/1/2013	2	0	A	M	CO				21.99	12.20	4.51	2.09	9.24	3.97	9.31	4.14	4.18	4.81	2.23	0.49	0	1