

CATALOGUE OF HUMAN CRANIA IN THE UNITED STATES NATIONAL MUSEUM COLLECTIONS

By ALEŠ HRDLIČKA¹

Curator, Division of Physical Anthropology, United States National Museum

INTRODUCTION

THE PUEBLOS

The Pueblo Indians are one of the largest, best defined, and most interesting of the aboriginal American groups. They have been known to the whites since 1539; they are sedentary, mainly agricultural and peaceful people; and while differing in language, they in general show so much in common that they have always been regarded as one large ethnic unit. They extended once over an extensive territory, reaching from westernmost Texas to western Arizona, and from southern Colorado and southeastern Utah to northern Chihuahua in Mexico. They comprised the cliff dwellers of Mesa Verde and other localities, the cliff dwellers being merely Pueblos who lived part of the time in pueblo-like structures built for greater security and other reasons in suitable rock shelters.

In the course of time this territory which once was apparently exclusively Pueblo, though by no means all occupied simultaneously, grew more and more restricted due to abandonment of the marginal as well as unfavorable, or overcome, internal settlements. It thus gradually became flanked and interspersed with abandoned pueblos and was eventually invaded by intruders coming evidently from the far north. These were the Apache, who remain in the region to this day, partly pure, partly admixed into a major contingent of evidently Pueblo derivation as the Navaho.

The total number of the living Pueblo Indians, in 1929, according to the latest data furnished by the Indian Office, was 8,966. They

¹ See also first section of this catalogue on the Mongolians, Eskimo, Aleuts, and Alaska Indians in the Proceedings of the U. S. National Museum, vol. 63, art. 12, published on Mar. 14, 1924. A second section on the Algonkin and related Iroquois, Siouan, Caddoan, Salish and Sahaptin, Shoshonean, and Californian Indians, published in the Proceedings of the U. S. National Museum, vol. 69, art. 5, was issued on May 4, 1927. The third section on Australians, Tasmanians, South African Bushmen, Hottentots, and Negro, published in the Proceedings of the U. S. National Museum, vol. 71, art. 24, was issued on Mar. 5, 1928.

are divided roughly into the Rio Grande Pueblos and Zuni in New Mexico, and the Hopi in Arizona.

A very large proportion of the old Pueblo territory, particularly in Arizona, contains to-day nothing but ruins. These numerous ruins with their burial grounds, which contain much of interest to archeology, have within the last 50 years been subjected to much excavation. In the course of these excavations many skeletal remains have been recovered. Through bad state of preservation, or inattention, most of such remains have been lost; but important collections have also been saved, especially by the Hemenway, the Hyde, the Kidder Peabody Museum, Cambridge, and the Smithsonian expeditions. These collections are preserved in the Peabody Museum, the American Museum of Natural History, and the United States National Museum. Those in the Peabody Museum, proceeding essentially from the Kidder excavations at Jemez, are being studied by E. A. Hooton. Those in the American Museum comprise a very valuable series of the southern Utah cave dwellers or basket people collected by the Wetherill brothers and Frederick J. Hyde, jr.; these remains have been examined by the writer, who between 1898 and 1903 was in charge of the physical anthropology of the Hyde expeditions and the instructive data are included in this catalogue. The collections at the United States National Museum comprise those by Cushing, Fewkes, Hough, Hodge, Judd, and others, and form the body of the material reported on in this number.

The Pueblo skull is, in general, among the most difficult of study. It is frequently in a poor condition of preservation. The older collections in particular are unsatisfactory in this respect. But the main handicap is artificial deformation. Such deformation was universal in the Pueblo region, though not occurring everywhere with the same frequency or intensity. It consisted everywhere of an occipital compression. Such compression was produced by the child lying bound up in a cradleboard with its head reposing on a resistant, sweet-smelling, grass-filled cushion. It would seem that in some cases the deformation must have been aided in some way, but there is no evidence of any frontal compress or bandages. At all events the deformation which resulted in a higher forehead and higher and broader head, must certainly have been favored. The practice exists to this day among the Pueblos, and they are well aware of the cause and effect.

These with other deformations are the bane of American craniology. They distort the skull so that its natural form is lost or obscured, and they not seldom affect even the base and the face. Mathematical methods for discounting such deformations do not inspire due confidence. Where every skull is deformed we are helpless. Where but one or two of a fair series of skulls show deformation, a strong

suspicion is justified that the undeformed specimens may be extraneous. It is only where the deformations tend to be of minor grade, with a fair proportion of specimens undeformed, or but so slightly or laterally deformed that no general changes have resulted, that there is a chance of a more or less satisfactory study of the series. The best material of this nature is that of old Zuñi, collected most carefully by F. W. Hodge, of the Museum of the American Indian in New York City.

The total number of Pueblo skulls to which this report extends is 645. In addition, there are the data on a small but precious collection of 18 Navaho skulls. The Navaho are one of the largest, still most pure-blooded (so far as white admixture is concerned), and in many respects one of the most interesting tribes, living seminomadically over a great portion of the pueblo region. They speak Athapascan, like the Apache, but in general they neither look nor behave like the latter, wherefore a light on their physical identity is particularly desirable.

The derivation, sex, and nature of the specimens is as follows:

Pueblo (and related)

	Undeformed		Deformed	
	Male	Female	Male	Female
<i>Southern Utah</i> -----	33	21	4	5
<i>New Mexico:</i>				
Puyé-----	6	3	17	30
Other Téwa-----	9	10	17	34
Old Zuñi-----	34	51	15	18
Miscellaneous-----	9	5	12	8
Pueblo Bonito and Chaco-----			11	7
<i>Arizona:</i>				
Salt River-----	2	4	57	62
Miscellaneous-----	3	6	33	40
Old Hopi-----			5	3
Chaves Pass-----			18	17
Elden-----			7	6
Petrified Forest-----			13	6
<i>Colorado</i> -----			3	1
Total 645 (male 308, female 337) --	96	100	212	237
Navaho-----	7	11		

The skulls have been sexed with all possible care and by repeated examination where doubts existed. In many cases, fortunately, the determination could be controlled by the pelvis and the rest of the skeleton; this applies particularly to the important southern Utah and the old Zuñi material. All the determinations and measurements for the number, except that of the cranial capacity, were made by the

author himself; with the capacity and in the tabulation of the details he was assisted by his aides, T. D. Stewart and M. Goldstein.

The main results are summarized at the end. Those on the deformed skulls, after elimination of all cases where the disturbance had clearly affected also the base or the face, are unexpectedly gratifying. For comparison, finally, there are included abstracts of the data on Shoshonean, Californian, and Apache Tribes, published in the first and second numbers of this catalogue. And there are also added some of the author's as yet unpublished data on the living full-blooded undeformed Pueblos and Navaho, secured in the years 1899-1903.

ABBREVIATIONS

- A. M. M.=Army Medical Museum.
- A. M. N. H.=American Museum of Natural History.
- B. A. E.=Bureau of American Ethnology.
- N. G. S.=National Geographic Society.
- S. A. A.=School of American Archeology.
- U. S. G. S.=United States Geological Survey.

PUEBLOS
UNDEFORMED NEW MEXICO CRANIA.—MALE

PUYÉ

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (tabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
269295	E. L. Hewett.	Puyé	Adult	Slight lateral.	16.2	12.8	12.7	79.0	87.6	99.2	(13.90)	(1,160)	---	10.8	6.4
269298	do.	do.	do.	Slight occipital.	17.1	14.0	13.8	81.9	88.7	98.6	14.97	1,320	---	10.6	6.8
269299	do.	do.	45	Slight	16.6	14.0	13.4	84.5	87.6	96.7	14.67	1,355	Slight.	11.6	6.9
269292	do.	do.	Adult	Very slight lateral.	16.4	14.0	13.4	85.4	89.3	95.7	14.60	1,365	---	11.6	6.6
269295	do.	do.	50	Slight lateral.	16.8	14.4	14.4	85.7	92.3	100.0	15.20	1,335	All lost.	---	---
269303	do.	do.	65	---	15.9	13.8	13.4	86.8	90.2	97.1	(14.37)	(1,160)	Medium.	---	6.6
Totals					(6)	(6)	(6)	(6)	(6)	(6)	(4)	(4)		(4)	(5)
Averages					99.0	83.0	81.1	83.0	89.1	97.7	59.44	5,375	---	44.6	33.3
Minima					16.5	13.85	13.52	83.84	87.71	96.7	14.86	1,544	---	11.15	6.66
Maxima					15.9	12.8	12.7	79.0	87.6	96.7	14.60	1,320	---	10.6	6.4
					17.1	14.4	14.4	86.8	92.5	100.0	15.20	1,365	---	11.6	6.9

PUYÉ (INTRUSIVE)

263068	E. L. Hewett.	Puyé	65	---	18.2	13.2	14.0	72.5	82.2	106.1	15.13	1,390	Considerable.	---	7.4
--------	---------------	------	----	-----	------	------	------	------	------	-------	-------	-------	---------------	-----	-----

OTHER TÉWA AND MISCELLANEOUS

243512	D. N. Couch.	Near Durango	35	---	18.2	13.2	13.4	72.5	85.1	101.5	14.93	1,400	Moderate.	---	7.5
243507	Cope and Yarrow.	Near Santa Fe	70	---	18.2	13.2	13.7	72.5	87.3	103.8	15.03	1,405	All lost.	---	---
225060	C. Carvello	Gran Quivira	65	---	18.0	13.5	13.0	70.0	82.5	96.8	14.83	1,360	do.	---	7.6
243509	W. S. Wood	Near Fort Union	45	Slight lateral.	18.2	14	13.8	76.9	85.7	98.6	15.33	1,550	Moderate	---	8.2
215426	J. R. De Mier	"New Mexico"	65	---	17.3	13.5	13.1	78.0	85.1	97.0	14.63	1,255	Considerable.	---	6.9

¹ Exceptional males.

PUEBLOS—Continued
UNDEFORMED NEW MEXICO CRANIA.—MALE—Continued
OTHER TĒWA AND MISCELLANEOUS—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabella ad max.)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. (Hrdlicka's method)	Teeth, wear	Menton height (a)	Alveol. Pt. Nasion height (b)
229025	E. L. Hewett	Otowi	50	Slight	17.6	13.8	13.5	78.4	86.0	97.8	14.97	1,305			7.4
228917	do	do	Adult		17.0	13.6	12.8	80.0	83.7	94.1	(14.47)	(1,205)			9.0
228908	do	do	do	Slight lateral	16.2	13.2	81.5								
271904	B. A. E.	Kwasteyukwa	50		17.5	13.8	13.9	78.9	88.8	100.7	15.07	1,290	Moderate	12	7.3
271819	B. A. E. and S. A. A.	do	40		17.4	13.8	13.5	79.5	87.2	98.6	14.93	(1,370)	Slight	12.2	7.5
271815	B. A. E.	do	30				14.2		107.6				No wear	12.5	7.3
269243	E. L. Hewett	Gusjwa, Jemez Valley	35		17.2	13.6	13.2	79.1	85.7	97.1	14.67	1,280	Slight	11.8	7.1
269223	do	do	55	Slight lateral	16.7	13.3	13.1	79.6	87.9	98.5	14.37	1,245	Medium	10.6	6.4
269224	do	do	Adult	Very slight lateral	17.8	14.2	14.2	79.8	88.8	100.0	15.40	1,575	Slight	13.0	7.1
286378	J. W. Fewkes, B. A. E.	Mimbres Valley	65		17.8	14.0	13.8	78.7	86.8	98.6	15.20	1,350	Medium	12.4	7.6
286377	do	Lower Mimbres	Adult		16.3	14.6	14.6	89.6	94.5	100.0	15.17	1,440		11.9	7.3
339696	B. I. Staples	Coolidge	65		17.2	13.9	13.9	80.8	89.4	100.0	15.00	1,285	Considerable	11.3	7.4
329846	N. G. S.	Kimbatola	Adult		17.2	14.3	13.4	85.1	85.1	93.7	14.97	1,250	Medium	11.6	7.0
228234	E. L. Hewett	Tshirege	do	Slight, if any	16.0	14.0		87.5							
Number of skulls					(18)	(19)	(17)	(18)	(16)	(17)	(16)	(15)		(10)	(16)
Totals					311.8	260.7	231.2				298.97	20,195		119.3	116.4
Averages					17.32	13.72	13.60				14.94	1,346		11.93	7.28
Minima					16.0	13.2	12.8		86.82	99.01	14.37	1,205		10.6	6.4
Maxima					18.2	14.6	14.6		94.5	107.6	15.40	1,575		13.0	8.2

OLD ŽUŇI

314330	F. W. Hodge	Havikuh	70	18.6	12.7	13.5	68.3	86.3	106.3	14.93	1,310	All lost	7.8
314328	do	do	50	18.0	12.4	13.5	68.9	88.8	108.9	14.63	1,210	Slight	7.1
314311	do	Slight asymmetry	45	17.7	12.3	13.4	69.5	89.3	108.9	14.47	1,150	Moderate	7.8
308719	do	do	45	18.8	13.3	13.6	70.7	84.7	102.3	15.23	1,275	Slight	7.3
308676	do	do	40	17.4	12.4	13.6	71.3	91.2	109.7	14.47	1,175	do	6.9
314280	do	do	50	17.4	12.5	12.7	71.8	84.9	101.6	14.20	1,360	do	6.8
314286	do	do	45	18.6	13.4	12.9	72.0	80.6	96.3	14.97	(1,365)	do	7.3
314276	do	do	40	18.4	13.3	12.9	72.9	72.0	96.3	14.97	(1,365)	do	7.4
314300	do	do	60	18.2	13.2	13.4	72.6	85.4	101.5	14.93	1,315	Considerable	7.4
314281	do	do	30	17.6	12.8	High	72.7	85.4	101.5	14.93	1,320	No wear	7.5
314285	do	do	30	18.4	13.5	13.3	73.4	83.4	98.5	15.07	1,375	Medium	7.7
308692	do	do	35	17.2	12.9	13.1	73.0	87.0	101.6	14.40	1,330	Moderate	7.7
314277	do	do	30	17.0	12.8	13.1	73.3	87.9	102.3	14.30	1,143	No wear	7.9
314278	do	do	30	17.8	13.5	13.1	73.8	83.7	97.0	14.80	1,270	do	7.2
308901	do	do	17.4	13.2	13.0	13.0	74.4	84.4	98.5	14.53	1,320	Slight	7.1
308903	do	do	50	18.0	13.7	14.2	76.1	89.6	103.7	15.30	1,390	do	7.1
308736	do	do	35	18.1	13.8	14.0	76.2	87.8	101.5	15.30	1,460	Very slight	7.8
308636	do	do	70	17.3	13.2	13.1	76.3	85.9	99.2	14.53	1,255	All lost	7.4
314285	do	Slight lateral	30	17.2	13.2	13.0	76.7	85.5	98.5	14.47	1,250	No wear	7.4
314327	do	Slight lateral	50	17.4	13.4	13.6	77.0	88.3	101.5	14.80	1,290	Slight to moderate	7.8
308680	do	do	00	17.4	13.4	13.8	77.0	89.6	103.0	14.87	1,290	Medium	7.6
308721	do	do	50	17.1	13.2	13.6	77.2	89.8	103.0	14.63	1,285	Moderate	7.0
308627	do	do	50	18.0	13.9	13.8	77.2	86.5	99.3	15.23	1,405	Slight	7.5
308677	do	do	50	16.8	13.0	13.4	77.4	89.9	103.1	14.40	1,275	Moderate	7.4
308742	do	do	45	17.8	13.8	12.8	77.5	81.0	92.8	14.80	1,260	do	7.5
308610	do	do	45	17.1	13.3	13.0	77.8	85.5	97.7	14.47	(1,265)	Moderate	6.6
308745	do	do	40	17.0	13.4	High	78.8	85.5	97.7	14.47	1,270	Slight	7.5
308658	do	Slight occipital compression	40	17.2	13.6	13.6	79.1	87.4	98.5	14.47	(1,380)	Slight	7.5
308620	do	Slight lateral	45	16.8	13.4	13.2	79.8	87.4	98.5	14.47	1,290	Slight	6.9
314298	do	do	25	17.2	13.8	13.0	80.2	83.9	94.2	14.67	(1,365)	No wear	7.2
308905	do	do	Adult	(16.6)	13.6	13.6	(81.9)	85.3	94.4	15.17	1,470	Moderate	7.4
308623	do	do	do	17.5	14.4	13.6	82.3	85.3	94.4	15.17	1,470	Moderate	7.4
308715	do	do	do	17.0	14.0	13.1	82.4	84.5	93.6	14.70	1,365	do	7.5
314301	do	do	30	17.0	14.2	13.2	83.6	84.6	93.0	14.80	(1,280)	No wear	7.4
308638	do	Slight occipital compression	Adult	17.2	14.5	14.0	84.3	88.8	96.6	15.23	1,430	No wear	7.0
Number of skulls			(34)	(35)	(30)	(30)	(34)	(30)	(30)	(30)	(21)		(32)
Totals			597.6	467.0	400.6	442.77	35.235	35.235	35.235	353.5	234.7		234.7
Averages			17.58	13.54	13.55	75.87	86.36	100.07	14.76	14.76	1.305		7.33
Minima			16.8	12.3	12.7	68.3	80.6	92.8	14.20	1.143	6.6		6.6
Maxima			18.8	14.5	14.2	84.9	91.2	109.7	15.30	1.470	7.8		8.1

2 Near.

1 Exceptional males.

PUEBLOS—Continued

UNDEFORMED NEW MEXICO CRANIA.—MALE—Continued

PUYÉ

Catalogue No.	Diam. Bizygomatic	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length, maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Upper Index	Lower Jaw, height at Symphysis
245265	13.1	80.9	51.9	9.3	8.4	9.9	76	3.2	3.8	3.35	3.8	3.6	84.2	93.1	4.7	2.6	65.3	5.2	6.3	82.5	3.1
245269	14.1	82.3	48.9	9.8	9.0	10.0	71	3.4	3.8	3.5	3.7	3.6	89.5	93.1	4.5	2.3	51.1	6.4	87.5	3.1	
245261	13.6	85.5	48.5	9.8	8.7	10.0	68	3.3	3.5	3.5	3.7	3.5	89.2	100.0	5.0	2.6	82	5.6	85.2	3.2	
245292				9.7	8.6	9.9	72	3.6	3.45	3.6	3.8	3.8	94.7	90.8	4.9	2.55	82.0	6.5	78.5	3.3	
245268																					3.5
245303																					
Number of Skulls	(3)	(5)	(5)	(5)	(5)	(6)	(5)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(5)	(5)	(5)	(4)	(4)	(4)	(5)
Totals	40.8	82.84	49.76	48.7	43.5	60	72	13.5	13.8	13.8	15.1	14.6	89.10	94.52	23.9	12.55	62.61	21.1	25.3	83.99	16.2
Averages	13.6	80.9	48.6	9.74	8.7	10	68	3.2	3.35	3.35	3.78	3.5	84.2	90.8	4.78	2.3	51.1	6.1	87.5	3.1	
Minima	13.1	80.9	48.6	9.3	8.4	9.8	68	3.2	3.35	3.35	3.7	3.5	84.2	90.8	4.5	2.3	51.1	5.1	87.5	3.1	
Maxima	14.1	85.5	51.9	10.1	9.0	10.4	76	3.6	3.5	3.6	3.8	3.8	94.7	100	5.0	2.6	85.5	6.5	87.5	3.5	

PUYÉ (INTRUSIVE)

2453068	13.9			9.7	8.7	10.2	72	58							5.2	2.7	51.9				3.65
---------	------	--	--	-----	-----	------	----	----	--	--	--	--	--	--	-----	-----	------	--	--	--	------

OTHER TÉWA AND MISCELLANEOUS

245312	13.7			10.1	8.8	10.6	72	49	3.85	3.85	4.1	4.1	95.9	95.9	5.5	2.6	47.5	5.6	6.8	82.4	
245307	13.1				9.0	10.6			3.3	3.4	4.0	3.9	82.5	87.2	5.55	2.95	53.2				
225000	14.3				8.8	10.2			3.35	3.45	3.9	3.8	85.9	90.8	5.05	2.45	48.5				
245509	13.8			10.4	9.2	10.5	68	59	3.8	3.75	3.9	3.8	97.4	98.7	5.3	2.6	49.1	5.9	7.6	77.6	
215426	12.9			9.7	8.4	9.7	69	49	3.25	3.2	3.7	3.6	87.8	88.9	4.8	1.9	89.6	5.2	6.1	85.8	

229025	13.9	---	53.2	9.7	8.4	9.8	68	48	3.75	3.6	3.8	3.7	98.7	97.8	5.3	2.4	45.8	5.4	26.4	84.4
229317	13.8	---	49.9	10.4	9.0	10.0	67	43	3.5	3.35	3.8	3.7	92.1	90.5	5.0	3.0	60.0	2.5	6.6	80.5
228908	12.5	---	---	---	---	---	---	---	---	3.7	---	3.5	---	105.7	---	---	---	---	---	3.4
271904	13.8	87.0	52.9	10.2	8.8	10.0	67	54	3.4	3.35	3.65	3.6	98.2	98.1	4.55	2.5	54.9	5.6	6.5	86.2
271819	14.4	84.7	52.1	9.9	8.6	10.2	70	53	3.4	3.4	4.0	4.0	85.0	85.0	5.2	2.55	49.0	5.7	6.6	86.4
271815	13.3	94.0	54.9	9.9	8.4	10.2	71	43	3.7	3.8	3.8	3.7	97.4	102.7	5.4	2.75	50.9	5.5	7.2	76.4
269243	13.6	86.8	52.2	9.6	8.3	9.6	69	53	3.5	3.45	3.9	3.7	89.7	99.2	4.75	2.4	50.6	5.6	6.8	82.4
269223	13.0	81.6	49.2	10.1	8.6	9.6	67	44	3.15	3.1	3.6	3.6	87.6	86.1	4.45	2.7	60.7	5.6	6.5	86.2
2169224	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
286378	14.6	84.9	52.1	10.7	9.3	10.7	70	52	3.25	3.25	3.9	3.9	88.9	83.8	5.2	3.0	48.0	5.7	7.0	81.4
286377	14.2	83.8	51.4	10.4	8.8	10.1	67	44	3.2	3.2	3.9	3.8	82.1	84.2	5.1	2.8	54.9	5.9	7.0	84.9
339696	14.1	80.1	52.5	10.3	8.8	10.4	70	48	3.5	3.5	3.9	3.9	89.7	89.7	5.2	2.65	51.0	5.7	6.6	86.1
329846	14.1	82.3	49.6	9.5	8.2	9.9	72	53	3.3	3.2	3.8	3.8	86.8	84.2	4.7	2.1	44.7	5.4	6.0	90.0
228234	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Number of skulls.....	(17)	(9)	(15)	(14)	(16)	(16)	(14)	(14)	(16)	(17)	(16)	(17)	(16)	(17)	(17)	(17)	(17)	(11)	(14)	(11)
Totals.....	233.1	---	---	140.9	139.4	162.1	67	60	55.2	58.55	61.65	61.1	59.54	91.34	86.05	43.75	50.84	78.1	93.7	38.9
Averages.....	13.71	84.97	52.67	10.06	8.71	10.13	69	43	3.46	3.44	3.86	3.77	87.1	88.3	4.06	2.67	50.84	6.68	6.69	83.56
Minima.....	12.5	80.1	49.2	9.5	8.2	9.6	67	43	3.15	3.1	3.6	3.5	82.1	83.8	4.45	1.9	39.6	5.2	6.0	76.4
Maxima.....	14.6	94.0	69.4	10.7	9.3	10.7	72	59	3.85	3.85	4.1	4.1	98.7	105.7	5.55	3.0	60.7	5.9	7.6	90.0

OLD ŽUŇI

314330	13.8	---	56.5	10.2	8.8	10.2	68	61	3.55	3.65	3.9	3.9	91.0	93.6	5.25	2.55	48.6	5.1	6.2	82.9
314328	13.3	90.2	53.4	10.2	9.4	10.6	73	61	3.5	3.5	3.8	3.8	92.1	92.1	3.1	2.65	52.0	5.7	6.2	82.9
314311	13.0	100.0	59.0	---	---	---	---	---	3.6	3.8	3.9	3.8	92.5	100.8	3.6	2.0	46.4	5.9	7.1	89.1
308710	13.0	86.3	62.6	11.4	9.9	11.0	68	47	---	3.45	3.7	3.7	94.6	93.2	5.1	2.4	47.1	5.0	6.2	80.6
308676	13.5	89.6	61.1	9.0	8.2	9.6	69	46	3.5	3.45	3.8	3.8	86.8	89.6	4.65	2.5	60.6	5.0	6.2	89.6
314280	13.1	87.0	61.9	9.6	8.1	9.6	69	46	3.3	3.4	3.8	3.8	86.8	89.6	4.65	2.5	60.6	5.0	6.2	89.6
314286	13.5	90.4	54.1	10.1	8.7	10.0	68	48	3.55	3.55	3.8	3.8	93.4	93.4	5.15	2.65	51.5	5.5	6.7	82.1
314276	13.5	90.4	54.8	---	---	---	---	---	3.4	3.45	4.1	3.8	92.9	82.9	4.9	2.2	44.9	5.8	6.5	89.2
314300	14.0	83.6	53.6	10.1	8.8	10.2	69	52	3.45	3.45	4.05	3.85	86.2	89.6	5.1	2.7	52.9	5.8	6.5	89.2
314281	12.9	96.5	57.4	---	---	---	---	---	3.3	3.35	3.85	3.7	85.7	90.6	5.3	2.3	43.4	5.3	6.8	77.9
317335	13.4	92.3	57.5	9.7	8.5	9.8	67	55	3.4	3.45	3.9	3.85	87.2	89.6	5.1	2.6	51.0	5.5	6.7	82.1
3085602	13.4	87.8	62.2	9.3	7.9	9.8	70	48	3.7	3.7	3.9	3.9	94.9	94.9	5.1	2.45	48.0	5.5	6.7	82.1
314277	13.0	90.8	62.3	9.3	8.0	9.4	70	48	3.3	3.25	3.7	3.7	89.2	86.6	4.9	2.4	49.0	5.5	6.1	90.2
314278	13.1	90.0	65.0	9.7	8.5	10.0	71	52	3.7	3.7	3.6	3.7	102.8	100.0	5.2	2.3	44.2	5.4	6.3	85.7
308601	13.4	87.3	63.0	9.4	8.2	9.7	70	50	3.5	3.6	3.9	3.8	89.7	94.7	5.25	2.7	51.4	5.1	6.4	79.7
308603	13.6	94.9	57.4	9.8	8.6	10.2	71	57	3.5	3.5	3.7	3.5	94.6	100.0	5.25	2.7	42.9	5.1	6.4	79.7
308736	13.1	102.5	61.8	10.7	8.9	10.3	65	49	3.6	3.6	3.95	3.9	91.1	82.9	5.15	2.4	46.6	5.0	6.7	88.1
308653	---	---	---	---	---	9.7	---	---	3.35	3.35	3.95	3.9	---	85.9	5.15	2.4	46.6	---	---	4.1

* Near.

PUEBLOS—Continued
UNDEFORMED NEW MEXICO CRANIA.—MALE—Continued
OLD ZUÑI—Continued

Catalogue No.	Diam. Bizygomatic	Facial Index, total	Facial Index, upper	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	
314255	12.0	65.3	57.4	9.9	8.4	9.4	95	3.35	3.45	3.75	3.6	85.5	95.8	4.9	2.55	52.0	5.5	6.2	88.7	3.6	
314327	13.6	60.4	57.4											5.3	47.2	5.7	9.1	93.4	93.4	3.3	
308680																					4.05
308721	13.2	65.6	53.0	9.5	8.2	9.0	71	3.4	3.45	3.75	3.6	90.7	90.7	5.4	51.9	5.4	6.7	80.6	80.6	3.4	
308627	14.0	89.3	63.6	10.4	9.2	10.7	72	3.6	3.65	3.8	3.8	94.7	90.8	4.7	53.2	5.4	6.5	87.7	87.7	3.8	
308677	13.3	95.2	55.6	9.5	8.5	10.2	73	3.6	3.4	3.7	3.8	91.3	89.0	5.2	44.2	5.4	6.4	84.4	84.4	3.75	
308742	13.8	88.9	54.3	9.6	8.1	9.2	64	3.6	3.6	3.8	3.8	94.7	94.7	5.45	49.0	5.5	6.4	85.9	85.9	3.7	
308610	13.8	47.8	47.8	8.6	7.7	9.4	76	3.3	3.2	3.6	3.6	91.7	88.9	4.6	51.1	4.8	6.6	72.7	72.7	3.8	
308745	13.5	91.9	65.6											5.0	52.0	5.6	6.7	83.6	83.6	3.8	
308688																					
308620	13.3	87.2	51.9	9.9	8.6	9.8	69	3.5	3.45	3.95	3.85	88.6	89.6	4.75	2.65	55.8	6.6	86.4	86.4	3.5	
314298	13.1	92.4	55.0	9.6	8.1	9.8	70	3.25	3.2	3.35	3.4	97.0	94.1	4.95	48.5	5.1	6.1	83.6	83.6	3.4	
308605	12.5																				3.4
308623				9.8	8.6	9.8	68	3.5	3.5	3.7	3.75	94.6	93.3	5.3	49.1	5.3	6.6	80.3	80.3	3.6	
308715	13.5	90.4	55.6	9.4	8.3	9.8	70	3.75	(3.9)	3.7	(3.55)	101.4	(100.9)	5.3	49.1	5.1	6.2	82.3	82.3	3.6	
314301	14.5	88.3	51.0					3.45	3.55	3.7	3.7	93.2	95.9	5.25	50.5	5.3	7.1	74.6	74.6	3.7	
308638	14.2	88.1	49.3	10.2	9.0	10.3	72	3.35	3.6	3.8	4.0	88.2	90.0	5.0	54.0	5.3	6.6	80.3	80.3	3.7	
Number of skulls	(31)	(28)	(30)	(23)	(25)	(27)	(23)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(32)	(32)	(27)	(27)	(27)	(30)	
Totals	416.8	223.4	223.4	223.4	213.2	208.6	213.2	104.45	105.25	114.05	113.25	113.25	103.15	103.15	80.5	80.5	146.4	174.8	174.8	109.6	
Averages	16.34	80.49	64.54	9.80	8.53	9.56	70	3.48	3.61	3.80	3.78	91.58	92.94	2.52	49.54	5.10	6.47	83.75	83.75	3.65	
Minima	12.5	83.1	47.8	8.6	7.7	9.2	64	3.25	3.2	3.35	3.4	83.9	86.5	4.6	2.2	42.9	5.9	72.7	72.7	3.1	
Maxima	14.5	102.3	61.8	11.4	9.9	11.0	76	3.75	3.9	4.1	4.1	102.3	109.9	5.6	55.8	5.9	7.1	93.4	93.4	4.3	

PUEBLOS—Continued
UNDEFORMED ARIZONA CRANIA.—MALE
SALT RIVER AND MISCELLANEOUS

Catalogue No.	Collection	Location	Approximate age of subject	Deformation	Diam. antero-posterior maximum (glabella ad diam. lateral maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Men-ton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
239624	Hemenway Exp.	Salt River	Adult	Slight lateral occipital compression.	19.2	14.4	75.0					1,500			
239625	do	do	do		18.6	14.1	75.8		84.4	97.9	15.50	1,455			
‡ 213288	W. Hough	McDonald's Canyon	35		(16.8)	(12.6)	(75.0)		(88.9)	(109.5)	14.40	†(1,200)			(7.0)
‡ 213294	do	do	60		17.0	14.3	84.1		88.2	96.5	15.03	(1,315)	All lost		‡ 7.7
‡ 305484	W. Hough	Near Holbrook	24	Slight, if any.	16.6	13.8	85.1		88.2	97.1	14.60	1,310	No wear	12.0	7.2
177872	J. W. Fewkes	Four-Mile Canyon	65		16.7	14.2	85.0						All lost		
Number of skulls.															
Totals															
Average															
Minima															
Maxima															
					(5)	(5)	(5)	(5)	(5)	(5)	(4)	(3)		(1)	(3)
					88.1	70.8	54.8		86.9	97.2	59.53	4,325		12.0	21.9
					17.62	14.16	75.70		80.4	97.2	14.88	1,442		72.0	7.80
					16.6	13.8	84.4		84.4	96.5	14.40	1,310		12.0	7.0
					19.2	14.4	85.0		88.2	97.9	15.50	1,560		12.0	7.7

‡ Near.

‡ Unquestionably male; skull nonpathological, but rather thick.

‡ Possibly of a mental subnormal.

PUEBLOS—Continued
UNDEFORMED ARIZONA CRANIA.—MALE—Continued
SALT RIVER AND MISCELLANEOUS—Continued

Catalogue No.	Diam. Bizygomatic	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Ft.	Basion Subnasal Ft.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower jaw, height at Symphysis	
239024						10.3	°	°	3.25		3.9		83.3									
239325						10.2	09	51	3.35	3.2	3.65	3.75	91.8	85.2	5.0	2.7	54.0	5.5	6.2	88.7		
* 213288	(13.5)		(51.9)	10.3	9.1	10.3	09	51	3.6	3.55	3.8	3.8	94.7	93.4	5.2	2.5	43.1					
* 213291	13.2		53.3	9.2	9.2	9.2	09	48	3.65	3.65	3.55	3.55	102.8	102.8	5.0	2.4	43.0	5.2	6.4	81.3	3.4	
* 305484	12.7	94.5	56.7	8.8	7.4	9.2	09	48	3.3	3.35	4.0	3.95	82.5	84.8	5.1	2.5	49.0					
177872																						
Number of skulls.....	(3)	(1)	(5)	(2)	(3)	(4)	(2)	(2)	(5)	(4)	(5)	(4)	(6)	(4)	(4)	(4)	(4)	(2)	(2)	(2)	(2)	(1)
Totals.....	39.4		55.58	19.1	25.7	40.0	70	50	17.15	13.75	18.9	15.05	90.74	91.36	20.3	10.1	40.75	10.7	12.6	84.92	3.4	
Averages.....	13.15	94.49	55.58	9.55	8.57	10.00	69	48	3.43	3.44	3.78	3.76	92.6	91.36	5.08	2.53	40.75	5.35	6.30	84.92	3.4	
Minima.....	12.7	94.5	51.9	8.8	7.4	9.2	09	48	3.25	3.2	3.55	3.55	82.5	84.8	5.0	2.4	43.0	5.2	6.2	81.3	3.4	
Maxima.....	13.5	94.5	58.3	10.3	9.1	10.3	09	51	3.65	3.65	4.0	3.95	102.8	102.8	5.2	2.7	54.0	6.4	88.7	88.7	3.4	

* Unquestionably male; skull nonpathological, but rather thick.

UNDEFORMED NEW MEXICO CRANIA.—FEMALE

PUYÉ

Catalogue No.	Collection	Locality	Ap-proxi-mate age of subject	Deformation	Diam. antero-posterior maxm. (glabella ad maxmum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Men-ton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
269259	E. L. Hewett	Puyé	55	.....	16.7	13.6	13.3	81.4	87.8	97.8	14.53	1,220	Medium	10.9	6.7
269278	do	do	65	Slight	16.7	13.7	13.2	82.0	86.8	96.4	14.53	1,300	do	10.9	7.1
269350	do	do	25	do	15.5	13.6	12.2	87.7	83.8	89.7	13.77	1,150	do	10.9	6.7
Number of skulls															
Totals															
Averages															
Minima															
Maxima															
					(3)	(3)	(3)	(5)	(5)	(5)	(3)	(3)		(1)	(2)
					48.9	40.9	38.7	83.64	86.19	94.62	41.83	3,670		10.9	13.8
					16.3	13.6	12.9	81.4	83.8	89.7	14.28	1,223		10.9	6.9
					15.5	13.6	12.2	87.7	83.8	89.7	13.77	1,150		10.9	6.7
					16.7	13.7	13.3	87.7	87.8	97.8	14.53	1,300		10.9	7.1

PUYÉ (INTRUSIVE)

262997	E. L. Hewett	Puyé	35	.....	17.6	12.4	High	70.5	85.5	100	13.60	1,190	Very slight	10.9	6.7
262928	do	do	30	.....	16.4	12.2	12.2	74.4	85.5	100	13.60	(1,090)	do	11.0	6.8

PUEBLOS—Continued
UNDEFORMED NEW MEXICO CRANIA.—FEMALE—Continued

PUYÉ

Catalogue No.	Diam. Bizygomatic	Facial Index, total	Facial Index, upper	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Lower Jaw, height at Symphysis
269259	13.2	82.6	60.8	10.2	8.8	10.2	71	° 48	3.3	3.35	3.8	3.65	86.8	91.8	4.6	2.5	54.3	5.3	6.5	81.5	3.3	
269278	13.9		51.1	10.2	8.4	9.6	65	40	3.5	3.5	3.9	3.9	89.7	89.7	4.9	2.55	52.0				3.9	
263050						8.8																2.9
Number of skulls	(2)	(1)	(2)	(2)	(2)	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(3)
Totals	27.1			20.4	17.2	28.6			6.8	6.55	7.1	7.55	88.51	90.73	9.5	6.05		5.3	6.5	6.5	10.1	
Averages	13.55			10.2	8.6	9.93	68	44	3.4	3.43	3.85	3.78	86.8	89.7	4.75	2.63	53.16	5.3	6.5	6.5	8.87	
Minima	13.2			10.2	8.4	8.8	65	40	3.3	3.35	3.8	3.65	86.8	89.7	4.6	2.5	52.0				2.9	
Maxima	13.9			10.2	8.8	10.2	71	48	3.5	3.5	3.9	3.9	89.7	91.8	4.9	2.55	54.3				3.9	
Narrow	12.1	90.9	56.2	9.0	7.6	8.8	66	46	3.8	3.45	3.7	3.6	102.7	102.7	5.0	2.4	48	5.3	5.7	5.7	95.0	
262907																						3.0
262926																						3.1

PUYÉ (INTRUSIVE)

OTHER TÉWA AND MISCELLANEOUS

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Irlich's method)	Teeth, wear	Height (a)	Height (b)
269238	E. L. Hewett	Gluswa, Jemez Valley	25		17.8	12.0	12.6	67.4	86.6	102.6	13.90	1,205	All lost		
269214	do.	do.	25		16.8	12.3	13.1	73.2	81.1	94.9	13.90	1,205	No wear	11.3	6.8
271911	B. A. E. and S. A. A.	Kwastoyukwa	40		18.5	13.8	13.1	74.6	81.1	94.9	15.13	(1,350)			

271917	do	60	16.8	13.0	12.5	77.4	83.9	96.2	14.10	1, 215	Medium	11.5	7.2
271867	do	35	Slight lateral	13.2	12.7	79.3	87.1	98.5	14.50	1, 190	Moderate	9.9	6.3
271918	do	70	Very slight	13.1	12.7	79.9	89.1	96.9	14.07	1, 190	Considerable	9.9	6.9
271865	do	55	Slight, if any	13.0	12.7	87.8	87.8	95.6	14.20	1, 190	Considerable	9.9	6.9
271891	do	30	Slight	13.6	12.7	86.2	85.8	92.7	14.10	1, 190	Considerable	9.9	6.9
271860	do	30	Slight	13.9	13.5	84.8	89.1	97.1	14.60	1, 190	Considerable	9.9	6.9
228930	F. X. Shulack, White Mt.	60	17.3	13.3	12.0	76.9	78.4	90.2	14.20	1, 230	Considerable	9.9	6.2
243524	E. W. Nelson	24	16.3	13.0	13.7	79.8	93.5	105.4	14.33	1, 230	Slight	10.8	6.7
246968	W. Hough	40	15.8	13.4	13.4	81.8	91.8	100.0	14.20	1, 175	Slight	10.8	6.9
228243	E. L. Hewett	60	16.8	13.6	13.4	87.0	88.2	98.5	14.60	1, 320	All lost	10.8	6.9
340045	N. M. Judd, N. G. S. Chaco Canyon	Adult	16.8	13.6	13.4	87.0	88.2	98.5	14.60	1, 320	All lost	10.8	6.9
Number of skulls													
Totals		(13)	217.7	172.1	155.8	79.05	86.56	97.31	171.93	(9)		(4)	(11)
Averages			16.75	13.24	12.88	79.05	86.56	97.31	171.93			43.5	74.0
Minima			15.8	12.0	12.0	67.4	78.1	90.2	13.90			10.88	6.78
Maxima			18.5	13.9	13.7	86.2	93.5	105.4	13.13			11.5	7.2

OLD ZUÑI

308605	F. W. Hodge	Adult	17.7	12.5	13.2	70.6	88.6	106.5	14.33	(1151)	Slight	11.4	7.2
314303	do	40	17.4	12.4	12.5	72.8	83.6	99.2	14.13	1230	do	11.0	6.4
314283	do	30	17.3	12.6	12.5	73.2	88.0	104.2	13.63	1130	Very slight	11.4	6.5
308747	do	30	Some posthumous	12.0	12.8	73.3	83.9	99.2	14.43	1070	No wear	11.4	6.6
314325	do	22		12.9	13.6	74.6	90.1	105.4	14.60	1225	All lost		
308682	do	45		12.9	12.8	75.4	85.8	99.2	14.27	1225	No wear		6.4
308748	do	30		12.9	12.8	75.4	80.8	98.9	14.37	1220	Slight	12.0	7.4
314934	do	35		13.2	12.4	75.9	84.9	98.4	13.87	1115	Very slight	11.4	6.6
314331	do	25		12.6	12.4	76.1	86.5	100.0	14.80	1340	No wear	10.9	6.5
308744	do	50		13.4	13.4	76.1	87.8	101.6	13.77	1110	Slight	10.6	6.3
308615	do	35		13.3	12.8	76.4	83.4	96.2	14.50	1250	Very slight	12.3	7.1
308744	do	50		13.3	12.8	76.8	83.6	96.1	14.03	1250	do	11.4	6.6
308619	do	50		12.9	13.0	77.8	88.9	101.5	14.30	(1260)	Slight	11.3	7.0
308617	do	35		13.0	13.2	78.0	88.9	101.5	14.30	(1235)	Very slight	11.3	7.0
314316	do	55		12.8	12.5	78.1	85.6	97.7	13.90	1110	Slight (but early loss of		7.5
											in front)		
314287	do	35	16.6	13.0	12.3	78.3	83.1	94.6	13.97	1175	Slight	10.6	6.3
308749	do	24	17.1	13.4	13.3	78.4	87.2	98.3	14.00	1305	No wear	11.6	6.8
314323	do	30	16.9	13.3	13.3	78.7	88.1	100.0	14.60	(1255)	Very slight	11.2	6.9
308711	do	Adult	16.5	13.0	12.6	78.8	85.4	96.9	14.03	1130	Very slight		
308746	do	30	16.7	13.2	13.4	79.0	89.6	101.5	14.43	1225	No wear	11.7	7.3
308733	do	20	16.6	13.2	12.7	79.5	86.2	96.2	14.17	1265	do	11.2	6.5
308634	do	Adult	16.0	12.8	12.8	80.0	88.9	100.0	13.87	1125	Moderate	11.9	7.2
308753	do	Young adult	13.8	12.7	12.1	80.4	84.9	95.3	13.53	1135	Moderate	10.2	6.1
308750	do	Adult	17.0	13.7	13.2	80.6	86.0	96.4	14.63	1180	Medium	11.8	7.4
308740	do	30	15.7	12.7	12.9	80.6	90.8	101.6	13.77	1130	No wear	11.2	6.5

? Near.

PUEBLOS—Continued
UNDEFORMED NEW MEXICO CRANIA.—FEMALE—Continued
OLD ZUÑI—Continued

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. antero-posterior maxm. (glabella ad maxmum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
308725	E. W. Hodge	Havikuh.	30		16.0	13.0	12.0	81.5	82.8	92.5	13.67	1,075	Very slight	10.9	6.7
317234	do.	do.	55	Very slight lateral.	16.1	13.1	12.6	81.4	86.5	96.2	13.83		Moderate	11.4	6.9
314334	do.	do.	30		16.2	13.2	12.3	81.5	83.7	93.2	13.90				
308624	do.	do.	60		16.4	13.4	12.6	81.7	84.6	94.0	14.13	1,230	Medium		
308612	do.	do.	40	Slight	15.8	12.9	12.9	81.7	89.9	100.0	13.87	1,080	Slight	10.8	6.5
314313	do.	do.	30		15.4	12.6	12.4	81.8	88.6	98.4	13.47	1,030	Very slight	11.6	7.2
308625	do.	do.	40		16.6	13.6	12.9	81.9	85.4	94.9	14.37	1,260	Slight	11.9	7.2
308623	do.	do.	65		16.3	13.4	12.6	82.2	84.8	94.0	14.10	1,190	Medium	10.9	7.2
308636	do.	do.	Adult.		16.3	13.4	12.6	82.2			14.00	1,160	Slight	10.7	6.6
308720	do.	do.	30		15.8	13.0	13.2	82.5	91.7	101.5	14.00	(1,080)	do.		
314305	do.	do.	35		16.4	13.5	12.4	82.5	82.9	91.9	14.10	1,035	do.	12.3	7.4
308604	do.	do.	Adult.		16.4	13.5	12.6	82.5	84.5	93.5	14.17	1,100			
308628	do.	do.	do.	Slight asymmetry	15.8	13.0	13.3	82.5	89.4	102.3	14.03	1,140	All lost	11.5	7.0
314332	do.	do.	25		16.6	13.7	13.6	82.5	89.3	99.3	14.63	1,295	do.	11.1	6.2
308635	do.	do.	35		15.6	12.9	12.7	82.7	89.1	98.5	13.73	1,110	do.	11.2	6.6
323192	do.	do.	55		16.3	13.6	13.1	83.1	87.6	96.3	14.33	1,165	do.	10.9	6.6
308716	do.	do.	Adult.	Slight occipital compression.	(15.9)	(13.4)	(13.5)	(84.5)	(92.2)	(100.7)	14.27	1,300	Medium	11.5	7.3
308674	do.	do.	50		15.4	13.0	12.8	84.4	90.1	98.5	13.73	1,090	Moderate	11.4	6.7
314302	do.	do.	45	Slight lateral.	13.4	13.0	12.0	84.4	84.5	92.5	13.87	1,025	do.	11.0	6.6
314320	do.	do.	Adult.	Slight occipital compression.	(13.8)	(13.4)	12.7	(84.8)	(87.0)	(94.8)	13.97	1,230			
308708	do.	do.	35		16.2	13.9	12.3	85.8	81.7	88.5	14.13	1,185	Very slight		6.7
308621	do.	do.	35	Slight	15.6	13.4	12.8	85.9	83.5	95.5	13.93	1,150	do.	11.1	6.6
308718	do.	do.	40		15.6	13.6	12.5	87.2	85.6	91.9	13.90		All lost		
308734	do.	do.	50		15.2	13.4	12.6	88.2	88.1	94.0	13.73	1,100	Slight	11.5	6.9
308743	do.	do.	25	Very slight lateral.	15.2	13.4	13.0	88.2	90.9	97.0	13.87	1,080	No wear	11.1	6.8
308739	do.	do.	25		16.1	14.2	12.9	88.2	85.1	90.9	14.40	1,190	do.	12.2	7.5
314310	do.	do.	75		15.5	14.0	12.5	90.3	84.7	89.3	14.00		All lost		
Number of skulls			(51)		836.0	669.6	625	(51)	(48)	(48)	(50)	(45)		(38)	(42)
Totals											704.26	50,135		430.1	286.3

Averages.....	16.89	13.13	12.76	80.10	86.60	97.10	14.09	1.166	11.82	6.8
Minima.....	15.2	12.0	12	70.6	80.8	88.5	13.47	1,025	10.2	6.1
Maxima.....	17.7	14.2	13.6	90.3	92.4	106.5	14.80	1,340	12.3	7.5

OTHER TĚVA AND MISCELLANEOUS

Catalogue No.	Diam. Bizygomatic	Facial Index, total ($\frac{c}{b \times 100}$)	Facial Index, upper ($\frac{c}{b \times 100}$)	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	
269228	13.4	51.3	50.7	9.7	8.4	9.6	68	47	3.55	3.5	3.9	3.8	91.0	92.1	4.95	2.8	56.6	5.5	6.5	84.6	3.5	
269214	12.4					9.8			3.5	3.5	3.7	3.75	91.0	93.9	4.75	2.45	51.6				3.7	
271911	12.4				7.4	8.8			3.3	3.3	3.75	3.0	83.0	90.9	4.85	2.5	61.6				3.1	
271867				9.9	8.3	9.6	66	47													3.4	
271918	2 12.8		49.2	9.1	8.2	9.1	70	64													3.4	
271865	2 13.0		63.1	10.1	8.4	9.4	64	42	3.3	3.4	3.6	3.4	91.7	97.1	4.7	2.25	48.9	5.0	6.1	82.0	2.6	
271891	2 12.6		57.1	9.0	7.6	9.0	67	45	3.35	3.35	3.75	3.75	89.5	93.5	5.15	2.65	51.6				3.4	
271800	2 12.5		51.2	9.4		9.4			3.4		3.8		89.5	93.5	4.8	2.65	55.2				3.2	
228930	13.0		53.8	9.1	7.9	9.5	71	48	3.6	3.55	3.7	3.6	97.3	98.6	5.2	2.6	50.0	5.0	6.0	83.3		
201237	13.0		47.7	9.4	8.3	9.3	70	43	3.4	3.5	3.8	3.7	89.5	94.6	4.8	2.5	52.1	5.1	5.7	89.5		
243524	12.4		54.0			10.1			3.5	3.4	3.85	3.8	90.9	89.5								
246968	13.1		52.7	9.4	8.4	9.6	71	53	3.25	3.2	3.85	3.8	84.4	84.2	5.15	2.75	53.4	5.1	6.3	81.0	3.0	
228243						10.1																
340048	12.3		52.0	8.1	7.2	9.2	78	57	3.4	3.5	3.55	3.35	95.8	104.5	4.6	2.4	52.2	4.4	5.9	74.6		
Number of skulls.....	(11)	(5)	(10)	(9)	(10)	(14)	(9)	(9)	(10)	(11)	(10)	(11)	(10)	(11)	(11)	(11)	(11)	(6)	(6)	(6)	(8)	
Totals.....	140.5		132.5	83.8	80.1	94.6	70	48	34.2	37.45	37.5	40.25	53.55	28.1	53.55	28.1	30.1	36.5	36.5	36.5	25.9	
Averages.....	12.77		52.16	9.31	8.01	9.46	70	48	3.42	3.40	3.76	3.66	91.80	95.04	4.87	2.55	52.47	5.02	6.08	82.17	3.24	
Minima.....	12.3		47.7	8.1	7.2	8.8	64	42	3.25	3.2	3.55	3.35	84.4	84.2	4.6	2.25	48.9	4.4	5.7	74.6	2.6	
Maxima.....	13.4		57.1	10.1	8.4	10.1	78	57	3.6	3.55	3.9	3.8	97.3	104.5	5.2	2.8	66.6	5.5	6.5	89.5	3.7	

? Near.

PUEBLOS—Continued
UNDEFORMED ARIZONA CRANIA.—FEMALE
SALT RIVER AND MISCELLANEOUS

Catalogue No.	Collection	Location	Age of subject	Deformation	Diam. antero-posterior maxm. (glabella ad maxm.)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
239524	Hemenway Expedition.	Salt River.	Adult.		19.8	12.2	13.2	72.6	91.0	108.2	14.07	1,105			6.7
239251	do.	do.	do.		17.6	13.2	13.3	75.0	86.4	100.8	14.70	1,300			6.7
239457	do.	do.	35.		16.5	12.8	13.1	77.5	89.4	102.3	14.13	1,250	Slight.		7.2
239560	do.	do.	Adult.		16.9	13.7	13.4	81.1	87.6	97.8	14.67	1,200			6.9
177881	J. W. Fewkes	Four-Mile Canyon	30	Slight lateral	16.2	12.6	12.8	77.8	88.9	101.6	13.87	1,110			7.0
243907	C. A. H., McCaully.	Las Animas River	35		16.7	13.1		78.4					Moderate	11.2	7.1
157686	J. W. Fewkes	Chaves Pass.	55.	Slight.	16.7	13.3	12.6	79.6	84.0	94.7	14.30	1,300	All lost.		6.2
157671	do.	do.	30.		15.8	13.8	12.8	87.3	86.5	92.8	14.13	1,300			
107619	B. A. E.	Near Tally Hogan.	30		17	13.6	12.9	80.0	84.3	94.9	14.50	1,220	Slight.		7.3
157452	J. W. Fewkes	Chevon.	40.		16.4	13.3		81.1				1,200			
156328	do.	Awatobl.	60.		15.8	14.3		90.5							
Number of skulls.					(11)	(11)	(8)	(11)	(8)	(8)	(8)	(7)		(1)	(8)
Totals.					182.4	145.9	104.1		87.22	98.66	114.27	8,485		11.2	55.1
Averages.					16.68	13.26	13.01		79.99	88.56	101.28	1,212		11.20	6.89
Minima.					15.8	12.2	12.6		72.6	84.0	92.8	1,105			6.2
Maxima.					17.6	14.3	13.4		90.5	108.2	14.70	1,300			7.3

Catalogue No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
239524	12.4	---	54.0	9.3	---	9.8	71	°	3.35	3.4	3.75	3.7	89.8	91.9	4.85	2.5	51.6	5.5	6.4	85.9	---
239251	12.6	---	57.1	9.0	7.9	9.6	71	55	3.15	3.5	3.75	3.8	87.0	92.1	4.55	2.6	57.1	4.8	0.2	77.4	---
239457	13.3	---	61.9	10.2	---	10.0	69	---	3.4	3.45	3.8	3.8	89.5	90.8	3.0	2.2	44.0	5.6	6.0	84.9	---
239560	11.9	---	68.8	---	---	9.8	---	---	3.5	3.5	3.8	3.8	92.1	90.8	4.75	2.5	52.6	---	---	---	---
177881	12.6	88.9	66.4	---	---	9.8	---	---	3.65	3.55	3.4	3.5	104.4	101.4	4.95	2.7	54.6	5.3	6.2	85.5	3.6
243907	12.8	---	---	---	8.0	9.6	---	---	3.45	3.55	3.6	3.7	95.8	96.0	5.0	2.35	47.0	---	---	---	---
157680	13.1	---	65.7	9.8	8.5	8.5	68	49	3.1	3.1	3.65	3.5	84.9	88.6	4.5	2.35	52.2	5.4	6.5	83.1	---
157671	---	---	---	---	---	---	---	---	3.5	3.5	3.7	3.7	94.6	94.6	5.25	2.6	49.5	---	---	---	---
107619	---	---	---	---	---	---	---	---	3.5	3.5	3.7	3.7	94.6	94.6	5.25	2.6	49.5	---	---	---	---
157452	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
156328	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Number of skulls	(7)	(1)	(6)	(5)	(3)	(8)	(5)	(2)	(9)	(7)	(9)	(7)	(9)	(7)	(8)	(8)	(8)	(5)	(5)	(5)	(1)
Totals	88.7	88.89	55.60	47.9	24.4	76.9	71	52	33.15	24.05	33.15	25.7	37.06	33.68	38.85	19.80	50.97	26.0	31.8	85.9	3.6
Averages	12.67	88.89	55.60	9.58	8.15	9.61	71	52	3.44	3.44	3.68	3.67	3.67	3.67	4.80	2.48	50.97	5.32	6.38	85.9	3.6
Minima	11.9	---	61.9	3.0	7.9	8.5	68	49	3.1	3.1	3.4	3.5	84.0	88.6	4.5	2.2	44.0	4.8	6.2	77.4	---
Maxima	13.3	---	68.8	10.2	8.5	10.0	74	55	3.5	3.55	3.8	3.8	104.4	101.4	5.25	2.7	57.1	5.6	6.6	85.9	---

* Near.

PUEBLOS—Continued
DEFORMED NEW MEXICO CRANIA.—MALE

PUYE

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. antero-posterior maxm. (glabella ad maxm.)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
263037	S. A. A., E. L. Hewett.	Puye	Adult.	Moderate asymmetry.	(16.4)	(14.0)	13.2	(85.4)	(86.8)	(94.3)	(14.53)	1,295		12.0	7.2
263289	B. A. E. and S. A. A.	do	do	Moderate occipital compression.	(16.6)	(14.3)	(14.2)	(86.1)	(91.9)	(99.3)	(15.03)	(1,395)	Considerable.	11.7	7.1
263061	S. A. A., E. L. Hewett.	do	do	Moderate occipital compression.	(17.4)	(15.0)	13.9	(86.2)	(85.8)	(92.7)	(15.43)	(1,500)			
262982	do	do	do	do	(15.6)	(13.6)	12.4	(87.2)	(84.9)	(91.2)	(13.87)	1,100			6.4
262946	do	do	do	Moderate lateral compression.	(16.6)	(14.6)	13.4	(88.0)	(85.9)	(91.8)	(14.57)	1,365		11.4	6.7
262258	do	do	do	Marked occipital compression.	(16.2)	(14.4)	(13.4)	(88.2)	(87.6)	(93.1)	(14.67)	1,310		12.1	6.9
262971	do	do	do	Moderate occipital compression.	(16.1)	(14.4)	13.0	(89.4)	(85.3)	(90.3)	(14.50)	1,325		12.2	7.4
262923	do	do	do	Mild lateral compression.	(15.4)	(14.0)	(13.6)	(90.9)	(92.5)	(97.1)	(14.33)	1,265		11.1	6.7
262291	B. A. E. and S. A. A.	do	do	Moderate occipital compression.	(15.8)	(14.4)	13.6	(91.1)	(90.1)	(94.4)	(14.60)	1,320	Slight.	12.6	7.6
263029	S. A. A., E. L. Hewett.	do	do	Marked occipital compression.	(16.2)	(14.8)	(14.2)	(91.4)	(91.6)	(96.0)	(15.07)	1,385			7.4
262275	B. A. E.	do	30	Considerable.	(16.0)	(15.1)	(14.0)	(94.4)	(90.0)	(92.7)	(15.03)	1,450	Very slight.	12.1	7.7
263004	S. A. A., E. L. Hewett.	do	Adult.	Moderate occipital compression.	(16.5)	(15.6)	13.8	(94.6)	(86.0)	(88.5)	(15.30)	1,475			
262284	do	do	do	Marked occipital compression.	(16.6)	(15.7)	(14.2)	(94.6)	(87.9)	(90.5)	(15.50)	1,390			7.9
262255	do	do	do	do	(16.1)	(15.6)	(14.8)	(93.9)	(93.4)	(94.9)	(15.50)	1,570	Medium.	11.1	7.0
262276	B. A. E.	do	40	Considerable.	(14.6)	(15.4)	(13.8)	(105.5)	(92.0)	(89.6)	(14.60)	1,265	Moderate.	11.4	7.2
262272	do	do	45	do									do	12.0	7.5
262948	S. A. A., E. L. Hewett.	do	Adult.	Marked lateral compression.	(15.9)		(14.2)					(1,305)	Medium.	12.0	7.3

	(7)	(15)	(13)	(12)	(15)
Number of skulls.....	93.3	222.83	17,515	141.7	108.0
Totals.....	18.85	14.86	1,817	11.81	7.20
Averages.....	12.4	13.87	1,100	11.1	6.4
Minima.....	13.9	15.50	1,570	12.6	7.9
Maxima.....					

OTHER TEWA AND MISCELLANEOUS

271901	B. A. E. and S. A. A.	Kwasteyukwa (Jemez)	65	(17.7)	(14.7)	(43.8)	(83.1)	(85.2)	(93.9)	15.40	1,545	12.4	7.6
271861	do	do	50	(17.0)	(14.2)	(43.6)	(83.5)	(87.2)	(95.8)	14.93	1,380	11.4	7.3
271803	do	do	45	(16.3)	(14.0)	(43.8)	(85.0)	(91.1)	(98.6)	14.70	1,320	11.9	7.2
271805	do	do	35	(17.4)	(15.0)	(43.4)	(86.2)	(82.7)	(89.3)	15.27	1,400	11.9	7.2
271905	do	do	60	(15.6)	(13.9)	(44.0)	(89.1)	(94.9)	(100.7)	14.50	1,165	11.3	6.9
271808	do	do	40	(16.7)	(15.0)	(43.8)	(89.8)	(87.1)	(92.0)	15.17	1,385	11.3	6.9
271817	do	do	Adult	(16.4)	(15.6)	(45.0)	(89.5)				(1,330)		
271876	do	do	30	(15.9)	(15.4)	(44.6)	(96.9)	(93.3)	(94.8)	15.30	1,370	13.0	7.6
269225	do	Giustiwa	Adult	(16.7)	(14.7)	(44.3)	(88.-)	(91.1)	(97.9)	15.23	1,395	12.5	7.6
238228	E. L. Hewett	Tshairee	35	(16.6)	(15.2)	(43.6)	(91.6)	(85.6)	(86.6)	15.13		12.1	7.2
228238	do	do	50										
228056	do	Otowi	35	(15.5)	(14.6)	(44.6)	(94.2)	(97.0)	(100.0)	14.90	1,350	12.3	7.4
228224	do	do	35	(16.1)	(15.2)		(94.4)					12.2	7.5
228222	do	do	Adult									11.8	7.2
229010	do	Tsankawi	do	(16.6)	(13.6)	13.7	(85.0)	(92.6)	(100.7)	14.43			
229009	do	do	do	(15.8)	(15.0)	(44.3)	(94.9)	(92.9)	(95.3)	15.03		(10.6)	6.9
228970	do	do	40								1,370	All lost	6.9
229011	do	Vigil Grt. Pajarito Park	Adult	(16.3)	(14.4)	(44.2)	(88.3)	(92.5)	(98.6)	14.97	1,350	11.5	7.1
327034	N. M. Judd, N. G. S.	Pueblo Bonito	do	(17.8)	(14.3)	(43.7)	(89.5)	(85.4)	(95.8)	15.27	(1,325)	12.1	7.0
327058	do	do	do	(17.5)	(14.8)	(43.8)	(84.6)	(85.4)	(93.2)	15.37	1,355	11.8	6.9
327081	do	do	do	(17.4)	(14.8)		(85.1)				(1,515)	12.9	7.7
327088	do	do	do	(16.7)			(91.6)				(1,355)	12.4	7.5
327052	do	do	do	(16.1)	(14.8)	(43.9)	(91.9)	(90.0)	(93.9)	14.93	1,150		
327112	do	do	do	(16.8)	(15.8)	(43.4)	(94.1)	(82.3)	(84.8)	15.33	1,565		
327100	do	do	do	(17.1)	(16.2)		(94.7)					12.7	7.5
327065	do	do	do	(15.7)	(15.8)	(44.4)	(100.6)	(91.4)	(91.1)	15.30	1,210	11.8	6.9
340045	do	Chaco Canyon	do	(17.6)	(15.6)	(44.0)	(88.6)	(84.8)	(89.7)	15.73	1,545	13.0	7.7
331211	do	do	do	(15.7)	(14.2)	(43.7)	(90.6)	(91.6)	(96.5)	14.53	1,210	12.1	7.3
315952	do	do	60	(17.6)		(44.6)						11.8	7.7
98724	W. H. Nelson	Upper San Francisco River	25	(16.0)	(14.3)		(89.4)						7.1
327419	do	do	Adult										6.5

* Near.

PUEBLOS—Continued
DEFORMED NEW MEXICO CRANIA.—MALE—Continued
 OTHER TEWA AND MISCELLANEOUS—Continued

Catalogue No.	Collection	Location	Age of subject	Deformation	Diam. antero-posterior maxium. (glabella ad maxium)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Men's height (a)	Alveol. Pt. - Nasion height (b)
340054	N. M. Judd, N. G. S.	Pescado	Adult	Slight	(16.8)	(15.1)	(15.0)	(89.9)	(94.1)	(99.3)	15.63	1,580	Medium	13.2	8.0
219170	Rev. M. Dumont	Isinate	45	Moderate	(16.2)	(14.7)	(14.2)	(90.7)	(91.9)	(96.6)	15.03	1,450	Moderate	7.4	7.4
317194	N. M. Judd	Manuelito	70	do.	(16.6)	(14.4)	(14.4)	(86.8)	(92.9)	(100.0)	15.13	1,375	All lost	11.6	7.0
317197	do.	do.	30	Medium	(14.8)	(13.9)	(13.7)	(93.9)	(95.6)	(98.6)	14.13	1,110	No wear	11.3	6.7
317196	do.	do.	35	Pronounced	(16.4)	(15.8)	(14.6)	(96.3)	(99.7)	(92.4)	15.00	1,615	Very slight	11.3	6.7
334487	E. B. Gerard	Mt. Roblero Hill	45	Moderate	(17.6)	(14.7)	(14.4)	(83.5)	(89.2)	(98.0)	15.57				
242533	A. M. M.	New Mexico ¹	30	Pronounced	(15.5)	(14.8)	(14.6)	(95.5)	(96.4)	(98.7)	14.97	1,275			
332140	Mrs. Henry Graham.	Carton Co.	25	Moderate	(16.0)	(15.4)		(96.3)				(1,440)	No wear	11.7	7.2
255326	H. H. Hotchkiss	Gila Natural Forest	Adult	do.		(14.5)									7.1
Number of skulls											(27)	(23)		(24)	(33)
Totals											407.48	31,470		290.8	293.
Averages											15.09	1,368		12.13	7.24
Minima											14.13	1,110		11.3	6.5
Maxima											15.73	1,615		13.2	8.0

OLD ZUNI

308645	F. W. Hodge	Havikuh	Adult	Moderate lateral compression.	(17.8)	(14.0)	(14.4)	(78.7)	(90.6)	(102.9)	(15.40)	1,485	Considerable.	11.8	7.3
314289	do	do	do	Medium lateral compression.	(17.5)	(14.0)		(80.0)				(1,510)			
308726	do	do	do	Moderate asymmetry.	(16.2)	(13.4)	(13.6)	(82.7)	(91.9)	(101.5)	(14.40)	(1,290)			6.5
308724	do	do	do	Moderate lateral compression.	(16.0)	(13.5)	(13.9)	(84.4)	(94.2)	(103.0)	(14.47)	1,265			
308717	do	do	do	Moderate asymmetry.	(16.3)	(14.1)	13.4	(86.5)	(88.2)	(95.0)	(14.60)	1,285		11.9	7.3
314307	do	do	do	Moderate lateral compression.	(16.6)	(14.5)		(87.4)				1,380			6.8
314293	do	do	do	Moderate occipital compression.	(16.4)	(14.7)	13.6	(89.6)	(87.5)	(92.5)	(14.90)	1,330		13.2	7.9
332498	do	do	do	Marked occipital compression.	(16.2)	(14.7)	(13.8)	(90.7)	(89.8)	(93.9)	(14.90)	1,315		11.4	6.9
308614	do	do	do	Moderate occipital compression.	(16.4)	(15.0)	(13.4)	(91.5)	(85.4)	(89.8)	(14.93)	1,480		11.8	7.0
314279	do	do	do	do	(15.8)	(14.5)	13.3	(91.8)	(87.8)	(91.7)	(14.53)	1,290		12.6	7.4
314322	do	do	do	Moderate occipital deformation.	(15.7)	(14.6)	13.0	(93.0)	(85.8)	(89.0)	(14.43)	1,190	Medium.	11.4	
314319	do	do	do	Moderate occipital compression.	(16.4)	(15.7)		(95.7)					Slight.	(11.7)	7.4
308613	do	do	do	do	(15.3)	(15.1)	(13.4)	(98.7)	(88.2)	(88.7)	(14.60)	1,290		11.3	6.6
308606	do	do	do	do	(16.2)	(14.2)	(12.4)			(87.8)				12.3	7.3
308540	do	do	do	do									Considerable.	12.3	7.9
Number of skulls.															
Totals															
Averages															
Minima															
Maxima															
					(4)		53.3				(10)	(10)		(10)	(12)
							19.35				147.16	13,310		120.0	86.3
							13.0				14.72	1,357		12.00	7.19
							13.6				14.40	1,190		11.3	6.5
											15.40	1,485		13.2	7.9

* Near.

* Exact locality not known.

PUEBLOS—Continued
 DEFORMED NEW MEXICO CRANIA.—MALE—Continued

PUYE

Catalogue No.	Diam. Bizygomatic maxm. (c)	Facial Index $\left(\frac{a}{b} \times 100\right)$ total	Facial Index $\left(\frac{c}{b} \times 100\right)$ upper	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Racial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxm.	Nasal Index	Upper Alveolar Arch, length maxm.	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, Upper Index	Lower Jaw, height at Symphysis
262307	13.3	90.0	79.1	7.6	7.8	9.6	89°	59	3.2	3.3	4.1	3.9	82.9	91.7	4.9	2.4	49.0	5.4	6.6	81.8	3.6
262289	13.6	86.0	53.3	10.0	8.0	10.0	69	51	3.4	3.5	3.8	3.8	82.0	82.1	5.1	2.7	49.9	5.2	9.4	91.3	3.7
262301	12.9	82.0	49.6	9.7	8.6	10.3	69	54	3.3	3.45	3.0	3.0	91.7	89.8	4.4	2.4	46.2	---	---	---	---
262346	13.6	89.0	60.7	9.1	8.9	10.0	73	60	3.2	3.4	3.75	3.8	90.7	89.5	4.8	2.4	50.0	---	---	---	---
262371	12.9	94.6	67.4	9.5	8.5	9.8	74	65	3.35	3.4	3.8	3.8	84.2	89.5	4.7	2.2	46.8	5.0	6.6	75.8	3.2
262323	13.6	81.6	49.3	9.5	8.9	9.4	69	58	3.35	3.4	3.5	3.5	96.7	98.6	5.3	2.4	46.8	5.2	6.5	80.0	3.5
262291	13.3	94.7	67.1	8.8	7.8	9.6	71	59	3.4	3.5	3.8	3.6	92.1	94.4	4.6	2.4	46.2	---	---	---	---
262329	13.8	(87.1)	(53.6)	(9.3)	(8.5)	9.8	(71)	(65)	3.45	3.5	3.8	3.8	93.2	97.2	5.2	2.46	47.1	5.3	6.1	86.9	3.8
262275	(13.9)	(87.1)	(56.4)	10.5	8.8	9.9	64	47	3.6	3.65	4.0	3.9	90.0	93.6	4.8	2.2	46.8	5.6	6.1	91.8	3.4
262304	13.5	---	---	10.1	7.7	10.2	---	---	3.7	3.7	4.0	3.9	90.0	94.9	4.9	2.5	51.0	---	---	---	---
262384	(15.1)	---	---	(9.7)	(8.0)	(10.0)	(69)	(66)	3.6	3.65	3.9	4.2	87.8	86.9	5.5	2.7	49.1	5.5	6.7	82.1	---
262355	(13.9)	(79.9)	(50.4)	(9.2)	(8.2)	9.8	(73)	(58)	3.6	3.6	4.1	3.85	92.3	93.5	4.7	2.3	48.9	5.4	5.7	94.7	3.4
262276	(13.9)	(82.0)	(51.8)	9.1	8.2	9.4	69	59	3.25	3.2	3.6	3.5	90.3	91.4	5.1	2.5	49.5	5.2	6.1	85.9	3.2
262272	---	---	---	(9.2)	(8.2)	(10.3)	(76)	(55)	3.5	---	---	---	87.5	---	5.1	2.2	43.1	5.5	6.7	82.1	3.65
262348	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.1	2.5	49.0	5.4	6.4	84.4	3.8
Number of skulls	(6)	(7)	(8)	(11)	(11)	(13)	(9)	(9)	(15)	(15)	(14)	(15)	(14)	(15)	(17)	(17)	(17)	(11)	(11)	(11)	(12)
Totals	120.6	82.82	52.59	105.9	93.9	126.7	69	56	51.35	52.15	53.6	56.65	53.88	92.06	84.5	41.05	46.6	68.7	69.9	87.98	41.45
Averages	13.0	81.6	48.2	9.63	8.54	9.75	69	56	3.42	3.4	3.5	3.5	89.89	92.06	4.97	2.41	48.58	5.84	6.85	87.98	3.45
Minima	12.9	81.6	48.2	8.8	7.8	9.4	64	47	3.2	3.2	3.5	3.5	82.9	82.9	4.4	2.2	43.1	5.0	5.7	75.8	3.0
Maxima	13.9	94.7	57.4	10.5	8.9	10.3	74	63	3.6	3.7	4.1	4.2	96.7	98.6	5.5	2.7	64.6	5.6	6.7	94.7	3.8

PUEBLOS—Continued
DEFORMED NEW MEXICO CRANIA.—MALE—Continued
 OTHER TEWA AND MISCELLANEOUS—Continued

Catalogue No.	Diam. Bizygomatic maxm. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxm.	Nasal Index	Upper Alveolar Arch, length, maxm.	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, <i>Index</i>	Lower Jaw, height at Symphysis
334437						10.4	°	°											
242533						10.6													
332140	13.3	88.0	54.1			3.45	3.45	3.45	3.9	3.8	88.5	90.8	4.9	2.55	52.0	6.3	88.9		3.55
255326	13.5		52.6			3.1	3.3	3.3	3.9	3.9	79.5	84.6	5.0	2.6	52.0	7.0			
Number of skulls	(24)	(14)	(20)	(23)	(27)	(20)	(29)	(31)	(29)	(30)	(28)	(30)	(37)	(36)	(36)	(26)	(28)	(26)	(26)
Totals	324.2	196.3	196.2	268.9	268.9	108.1	111.6	113.9	185.4	89.27	92.10	85.4	142.2	181.7	142.2	142.2	142.2	84.64	93.1
Averages	13.5	89.46	53.85	8.63	8.63	3.49	3.56	3.49	3.80	3.45	78.1	83.5	4.5	2.2	51.19	6.49	84.64	5.68	3.3
Minima	12.8	88.1	50.4	7.8	7.8	3.1	3.2	3.2	3.6	3.45	78.1	83.5	4.5	2.2	42.5	5.9	74.6	3.3	3.3
Maxima	14.5	96.3	57.5	9.1	9.1	3.9	3.8	3.8	4.2	4.2	97.5	102.7	5.9	3.0	60.0	7.0	100.0	7.0	3.85

OLD ZUNI

308645	13.7	86.1	53.3	10.1	9.0	10.4	71	65	3.5	3.4	4.0	3.9	87.5	87.2	4.8	2.4	49.0	5.4	6.2	87.1	3.7		
314289	12.7		51.2			9.7			3.45	3.4	3.65	3.65	93.2	93.2	4.8	2.4	60.0						
308726	13.3	86.5	54.9	9.9	8.6	10.0	69	52	3.7	3.8	3.9	3.85	94.9	98.7	5.0	2.4	48.0				3.5		
314307				9.1	8.2	9.7	69	60	3.3	3.6	3.9	3.85	93.5	93.5	5.1	2.7	52.9						
332498	13.4	85.1	51.5	10.0	8.7	9.9	69	60	3.3	3.5	3.9	3.85	93.5	93.5	5.1	2.4	49.0				4.1		
308614	13.4	88.1	59.2	9.6	8.8	9.9	71	60	3.6	3.85	3.9	3.9	93.3	94.7	4.8	2.4	42.9			6.6	3.4		
314270	13.7	92.0	54.0	10.0	8.7	10.0	68	51	3.6	3.7	3.75	3.7	96.0	100.0	5.2	2.7	51.9			6.7	3.2		
314322	13.7	83.2			8.2	9.5			3.35	3.3	4.0	3.9	83.8	84.6	4.8	2.3	55.1			6.2	3.5		
314319																					6.6	3.4	
																						6.6	3.4

DEFORMED ARIZONA CRANIA.—MALE

SALT RIVER

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. antero-posterior maximm.	Diam. latero-maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c.	Teeth, wear	Menton height (a)	Alveol. height (b)				
308613	13.2	85.6	9.7	8.3	9.4	67	42	3.25	3.85	3.7	83.1	87.6	4.8	50.0	5.1	6.2	82.2	3.1	
308606	12.9	95.4	9.5	8.3	9.0	63	54	3.4	3.7	3.7	94.6	91.9	5.0	60.0	5.3	6.6	80.9	3.35	
308640									4.1	4.1	92.7		2.4	47.5	2.6			3.6	
Number of skulls	(9)	(8)	(8)	(9)	(11)	(8)	(8)	(11)	(11)	(9)	(11)	(12)	(8)	(9)	(8)	(9)	(8)	(11)	
Totals	120.0	88.07	77.9	76.8	107.2	38.3	34.75	38.5	41.3	91.37	60.8	30.1	42.9	58.2	42.9	58.2	35.25		
Averages	13.59	88.07	9.74	8.53	9.75	3.48	3.86	3.80	3.76	92.74	5.07	2.51	6.96	6.47	6.96	6.47	49.51	5.38	9.48
Minima	12.7	83.2	9.1	8.2	9.0	3.25	3.55	3.2	3.6	83.1	4.8	2.3	5.1	6.2	42.9	5.1	6.2	76.1	3.1
Maxima	13.7	96.4	10.1	9.0	10.4	3.8	4.1	3.8	3.9	98.6	5.6	2.8	5.8	6.7	58.9	5.8	6.7	87.9	4.1

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. antero-posterior maximm.	Diam. latero-maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c.	Teeth, wear	Menton height (a)	Alveol. height (b)
255291	Hemenway	Salt River	30	Slight, but some post-nomous.	(18.1)	(12.2)	(13.6)	(67.4)	(89.8)	(111.5)	14.63				7.3
239608	do	do	Adult.	Moderate	(18.2)	(13.6)	(15.0)	(74.7)	(94.5)	(110.5)	15.00				
239627	do	do	do	do	(17.8)	(14.2)	(14.6)	(78.2)	(91.5)	(110.8)	15.53				
239683	do	do	do	do	(17.8)	(13.5)	(13.4)	(81.5)	(89.0)	(99.9)	14.50				
239649	do	do	do	Pronounced	(16.6)	(14.6)	(14.2)	(82.0)	(87.7)	(97.9)	15.53	(1,350)			
239715	do	do	do	do	(17.8)	(14.6)	(14.2)	(82.0)	(87.7)	(97.9)	15.53				
239516	do	do	do	do	(17.0)	(14.0)	(14.0)	(82.4)	(89.0)	(102.8)	15.23		Considerable	12.2	7.35
239205	do	do	do	do	(17.1)	(14.1)	(14.1)	(82.5)	(89.0)	(102.8)	15.23		Considerable	12.2	7.4
239559	do	do	do	do	(17.0)	(14.1)	(14.1)	(82.5)	(89.0)	(102.8)	15.33				
239626	do	do	do	Slight	(17.2)	(14.4)	(14.4)	(83.7)	(91.1)	(100.0)	15.73	1,200	Considerable	12.2	7.75
239507	do	do	do	Pronounced	(16.2)	(13.7)	(13.7)	(84.6)	(90.6)	(98.7)	15.40	1,200	Considerable	12.2	7.4
239614	do	do	do	Moderate	(17.6)	(14.9)	(14.9)	(84.7)	(90.6)	(98.7)	15.23				
239602	do	do	do	Pronounced	(16.9)	(14.3)	(14.3)	(85.2)	(92.7)	(103.5)	15.40	1,200	Considerable	12.2	7.4
239617	do	do	do	do	(16.3)	(13.9)	(13.9)	(85.3)	(92.7)	(103.5)	15.23				
239613	do	do	do	do	(16.3)	(14.2)	(14.2)	(85.6)	(88.5)	(96.0)	15.43	(1,200)	Considerable	11.9	7.7
239650	do	do	do	do	(17.3)	(14.8)	(14.8)	(86.0)	(91.8)	(99.3)	15.46	1,385	Considerable	11.9	7.0
239217	do	do	do	Moderate	(15.8)	(13.6)	(13.6)	(86.1)	(90.7)	(108.8)	14.73	1,250	Considerable	11.9	7.0
239511	do	do	do	Pronounced	(17.4)	(15.1)	(15.1)	(86.8)	(89.9)	(96.7)	15.70	1,460	Considerable	11.9	7.0
239601	do	do	do	do	(16.8)	(14.6)	(14.6)	(86.9)	(89.9)	(96.7)	15.40	1,485	Considerable	11.9	7.0

* Near.

PUEBLOS—Continued
 DEFORMED ARIZONA CRANIA.—MALE—Continued
 SALT RIVER—Continued

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. antero-posterior maxium (glabella ad maxium)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
239701	Hemenway	Salt River	Adult	Pronounced	(16.3)	(14.2)	(14.7)	(87.1)	(96.4)	(103.6)	15.07	1,365			7.4
239562	do	do	do	Moderate	(17.0)	(14.9)	(15.1)	(87.7)	(94.7)	(101.8)	15.66	1,510			
239716	do	do	do	Pronounced	(16.6)	(14.6)	(14.4)	(88.0)	(92.8)	(98.6)	15.20	(1,270)			7.4
239592	do	do	do	do	(16.0)	(14.1)		(88.1)				1,440			
239714	do	do	do	do	(16.3)	(14.4)		(88.8)				1,455			7.2
239497	do	do	do	do	(16.8)	(14.9)	(14.4)	(88.7)	(90.9)	(96.6)	15.37	1,455		12.4	7.7
239490	do	do	do	do	(17.2)	(15.4)	(15.0)	(89.5)	(92.0)	(97.4)	15.87	1,580			8.2
239441	do	do	do	do	(15.2)	(13.6)	(14.6)	(89.5)	(101.4)	(107.4)	14.47	1,300	Considerable	12.6	7.5
239692	do	do	do	do	(16.7)	(15.0)		(89.8)				1,200			7.7
239530	do	do	do	do	(18.0)	(14.4)	(13.4)	(90.0)	(88.2)	(93.1)	14.60	1,200			7.3
239718	do	do	do	do	(16.0)	(14.0)	(14.4)	(91.8)	(94.1)	(98.6)	15.00	1,300			7.25
239648	do	do	do	Moderate	(16.1)	(14.7)		(91.8)				1,410			
239207	do	do	do	Pronounced	(16.0)	(14.8)	(14.6)	(92.5)	(94.8)	(98.7)	15.13	1,495		12.0	7.35
239608	do	do	do	do	(16.4)	(15.2)	(13.4)	(92.7)	(94.8)	(98.2)	15.00	1,495			7.1
239595	do	do	do	do	(16.7)	(15.0)	(14.7)	(93.4)	(95.0)	(97.2)	15.67	1,520			8.0
239544	do	do	do	do	(16.3)	(15.4)	(14.9)	(93.1)	(95.1)	(98.7)	15.63	1,500	Considerable	11.2	
239506	do	do	do	do	(16.3)	(15.4)	(15.2)	(94.5)	(95.9)	(98.7)	15.63	1,500	do	12.0	7.65
239539	do	do	do	do	(16.4)	(15.6)	(14.0)	(95.1)	(97.5)	(99.7)	13.33	1,480			7.7
239259	do	do	do	do	(15.6)	(14.9)	(15.2)	(95.5)	(99.7)	(102.0)	13.23	1,300			7.7
239687	do	do	do	do	(15.9)	(15.2)	(13.8)	(95.6)	(88.8)	(90.8)	14.97	1,280			7.3
239576	do	do	do	do	(16.6)	(15.9)		(95.8)				1,480			
239632	do	do	do	do	(15.7)	(15.2)	(14.6)	(96.8)	(99.6)	(100.0)	14.63	1,175			7.5
239298	do	do	do	do	(14.7)	(14.6)		(99.8)				1,390			7.3
239532	do	do	do	do	(15.1)		(14.4)					1,390			7.5
239506	do	do	do	do		(15.7)						1,515		12.5	7.9
239570	do	do	do	do	(16.8)		(15.0)					1,515			7.9
239717	do	do	do	do	(16.6)		(13.8)					1,515			7.9
239547	do	do	do	do			(14.1)					1,330	Considerable	11.9	6.8
239564	do	do	do	do			(14.6)					1,330			7.2
239487	do	do	do	do	(15.2)		(15.3)					1,330			
239560	do	do	do	do			(14.4)					1,330			

PUEBLOS—Continued
 DEFORMED ARIZONA CRANIA.—MALE—Continued

CHAVES PASS

Catalogue No.	Collection	Location	Age of subject	Deformation	Diam. antero-posterior maxim. (tabella ad max.)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Men-ton-height (a)	Alveol. height (b)
156996	J. W. Fewkes.	Chaves Pass.	55.	Moderate	(17.8)	(14.2)	(15.2)	(79.8)	(95.0)	(107.0)	49.73	1,300			
157670	do.	do.	60.	do.	(16.3)	(13.5)	(13.1)	(82.8)	(87.9)	(97.0)	14.30	1,510			7.7
158172	do.	do.	60.	Pronounced	(17.5)	(14.6)	(14.9)	(83.4)	(92.8)	(102.1)	15.67	1,390			8.0
157665	do.	do.	50.	Moderate	(17.0)	(14.2)	(14.0)	(83.5)	(89.7)	(93.6)	15.07	1,390			
157685	do.	do.	60.	do.	(16.0)	(13.6)	(13.6)	(85.0)	(93.9)	(101.5)	14.40	1,240	All lost.		7.2
158043	do.	do.	40.	Medium lateral	(15.8)	(13.6)	(13.8)	(86.1)	(87.7)	(94.4)	14.87	1,420			7.5
157668	do.	do.	40.	Medium lateral	(16.6)	(14.4)	(14.2)	(86.9)	(90.5)	(97.5)	15.20	1,395			7.5
158173	do.	do.	35.	Slight	(17.2)	(15.0)	(15.2)	(87.2)	(94.4)	(101.5)	15.80	1,620			
158177	do.	do.	60.	Pronounced	(16.6)	(14.6)	(14.7)	(88.0)	(94.2)	(100.7)	15.30	1,415			
158109	do.	do.	60.	do.	(16.2)	(14.8)	(14.7)	(89.4)	(94.9)	(98.7)	15.20	1,350			7.7
158109	do.	do.	40.	do.	(16.0)	(14.9)	(14.7)	(93.1)	(93.1)	(98.7)	15.20	1,585			
157674	do.	do.	60.	do.	(16.0)	(14.9)	(14.0)	(93.1)	(90.6)	(94.0)	14.97	1,385			7.2
157688	do.	do.	55.	do.	(16.0)	(14.9)	(13.9)	(94.4)	(85.6)	(88.2)	14.90	1,470			
157681	do.	do.	65.	do.	(16.1)	(15.2)	(13.3)	(94.4)	(85.6)	(88.2)	14.87	1,465	No wear.		7.1
157662	do.	do.	24.	do.	(13.8)	(13.0)	(13.8)	(94.5)	(89.6)	(92.0)	14.87	1,465			7.0
158171	do.	do.	65.	do.	(16.2)	(15.7)	(14.5)	(96.9)	(90.3)	(93.4)	15.47	1,525			7.5
158171	do.	do.	35.	do.											6.8
157683	do.	do.	25.	do.											6.8
Number of skulls.....															
Totals.....															
Averages.....															
Minima.....															
Maxima.....															

(11)
 81.8
 18,500
 16.13
 7.425
 14.13
 1,240
 15.80
 1,620

PETRIFIED FOREST

213248	W. Hough.....	Petrified forest.....	30.....	Moderate (and some posthumous)	(17.8)	(13.2)	(15.0)	(7.4.2)	(96.8)	(113.6)	15.33	1,450	No wear.....	11.5	7.4
213316	do.....	do.....	35.....	Moderate	(18.0)	(14.2)	(14.8)	(78.9)	(91.9)	(104.2)	15.67	2,155	do.....	13.0	7.7
213343	do.....	do.....	55.....	Medium	(16.2)	(13.0)	(13.7)	(84.0)	(91.9)	(100.7)	14.50	1,180	Medium.....	7.0	7.0
213345	do.....	do.....	30.....	do.....	(15.8)	(13.8)	(13.7)	(87.8)	(92.6)	(99.5)	14.43	1,290	No wear.....	11.8	6.9
213342	do.....	do.....	65.....	Moderate	(16.1)	(14.1)	(14.0)	(87.6)	(92.7)	(99.5)	14.73	1,240	Medium.....	11.4	6.9
213308	do.....	do.....	30.....	Medium	(13.8)	(15.0)	(14.0)	(89.9)			15.07	(1,630)	No wear.....	12.5	7.8
213353	do.....	do.....	35.....	do.....	(16.9)	(15.2)	(13.1)	(89.9)	(81.6)	(86.2)	15.07	1,460	No wear.....	12.1	7.4
213350	do.....	do.....	45.....	Pronounced	(16.4)	(14.8)	(14.1)	(90.2)	(90.4)	(95.5)	15.10	1,430	Slight.....	12.0	7.3
213350	do.....	do.....	30.....	Considerable	(15.8)	(14.6)	(14.1)	(92.4)	(92.8)	(96.6)	14.83	1,380	No wear.....	12.1	7.3
213310	do.....	do.....	55.....	Considerable	(16.0)	(15.0)	(14.0)	(93.8)			14.77	2,145	Very slight.....	12.9	7.9
213318	do.....	do.....	55.....	do.....	(13.5)	(14.8)	(14.0)	(95.6)	(92.4)	(94.6)	14.77	1,355	Slight.....	12.5	7.6
213340	do.....	do.....	50.....	do.....	(16.2)	(15.3)	(14.1)	(95.7)	(89.0)	(91.0)	15.27	1,600	do.....	12.5	7.5
213347	do.....	do.....	30.....	do.....	(13.9)	(13.6)	(14.7)	(98.1)	(93.5)	(94.2)	15.40	(11)	do.....	(10)	(12)
Number of skulls.....															
Totals.....															
Averages.....															
Minima.....															
Maxima.....															

MISCELLANEOUS

213299	W. Hough.....	McDonalds Canyon.....	24.....	Medium	(15.0)	(13.2)	(14.2)	(82.5)	(87.8)	(107.6)	14.47	1,310	Medium.....	12.1	7.3
213305	do.....	do.....	50.....	do.....	(17.7)	(14.9)	(14.4)	(84.2)	(88.5)	(96.6)	15.67	1,420	Slight.....	13.4	8.0
213306	do.....	do.....	40.....	do.....	(16.6)	(14.2)	(14.2)	(85.5)			14.93	2,135	Nearly all lost.....	11.7	7.2
213285	do.....	do.....	30.....	Considerable	(15.0)	(14.4)	(14.4)	(90.0)	(94.7)	(100.0)	14.93	1,475	No wear.....	7.2	7.2
213304	do.....	do.....	70.....	Medium	(15.2)	(14.0)	(14.0)	(90.1)	(90.9)	(95.9)	14.93	1,445	do.....	7.2	7.2
213291	do.....	do.....	35.....	do.....	(16.0)	(14.0)	(13.0)	(92.5)	(88.5)	(91.5)	14.80	1,410	do.....	7.2	7.2
213293	do.....	do.....	55.....	Considerable	(15.8)	(14.7)	(13.9)	(93.0)	(91.2)	(94.6)	14.80	1,330	do.....	7.2	7.2
246970	do.....	Graham Co.....	50.....	do.....	(15.4)	(14.5)	(14.5)	(88.4)			14.90	1,300	Medium.....	12.1	7.7
246943	do.....	do.....	55.....	do.....	(15.8)	(15)	(13.9)	(94.9)	(90.5)	(92.7)	14.90	1,500	Slight.....	13.4	8.0
246983	do.....	do.....	25.....	do.....	(15.9)	(15.2)	(14.5)	(95.6)	(95.8)	(95.4)	15.20	1,500	Nearly all lost.....	7.2	7.2
246991	do.....	do.....	25.....	do.....	(15.4)	(15.4)	(13.3)				(86.4)		No wear.....	11.7	7.2
246989	do.....	do.....	25.....	Slight.....	(16.4)	(13.0)							No wear.....	7.7	7.3
176949	J. W. Fewkes.....	Kintiel.....	55.....	Medium	(17.3)	(14.4)	(14.4)	(83.2)			14.80	2,100	No wear.....	12.3	7.3
176939	do.....	do.....	50.....	do.....	(16.2)	(14.8)	(13.4)	(91.4)	(86.5)	(90.5)	14.80	1,300	Medium.....	11.7	7.8
176941	do.....	do.....	55.....	do.....	(15.7)	(15.1)		(96.2)			14.80	2,130	do.....	7.1	7.1
176950	do.....	do.....	50.....	Considerable	(15.4)	(14.9)		(96.8)			14.80	2,130	Medium.....	7.2	7.2
177874	do.....	Four-mile Canyon.....	40.....	Medium lateral	(16.3)	(12.6)	(13.2)	(77.5)	(91.5)	(104.8)	14.03	1,140	Very slight.....	6.8	6.8
177873	do.....	do.....	50.....	Pronounced	(15.6)	(14.0)		(89.7)					Moderate.....	8.1	8.1

? Near.

PUEBLOS—Continued
DEFORMED ARIZONA CRANIA.—MALE—Continued

MISCELLANEOUS—Continued

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. anteroposterior-maxim. (glabella ad maxim.)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton height (a)	Alveol. height (b)
177875	J. W. Fewkes	Four-mile Canyon	35	Considerable	(15.8)	(15.2)	(15.0)	(96.2)	(96.8)	(93.7)	15.33		No wear		7.5
270460	do	Black Falls	35	Medium lateral	(17.1)	(14.4)	(13.1)	(84.2)	(83.2)	(91.0)	14.87	1,430	do	12.6	7.6
270465	do	do	35	Considerable	(15.8)	(13.4)	(13.8)	(84.8)	(94.5)	(103.0)	14.33	1,285	do	11.4	7.0
270463	do	do	25	do	(15.4)	(15.0)	(14.4)	(97.4)	(94.7)	(96.0)	14.93	1,485	do	12.7	7.5
157385	do	Cheylon	25	Medium lateral	(17.8)	(14.0)	(14.0)	(78.7)	(88.1)	(100.0)	15.27	1,450		12.5	7.4
243903	G. M. Braxton	Camp Verde	60	do	(18.0)	(14.7)	(13.5)	(81.7)	(82.6)	(91.8)	14.20	1,420			
243823	W. Hough	Navigo Co.	25	Moderate	(16.6)	(14.1)	(13.8)	(81.9)	(89.9)	(97.9)	14.83	1,450	No wear		7.2
336959	Mrs. Evelyn Perkins	Rio Verde	50	Medium lateral	(16.6)	(14.4)	(13.8)	(86.8)	(82.0)	(95.8)	14.93	1,290	Slight	12.3	7.4
229364	F. M. Palmer	Crescent Cliff	30	Medium	(16.6)	(14.9)	(13.5)	(82.8)	(85.7)	(90.6)	15.00	1,380	No wear	12.4	7.4
300010	E. F. Frisbee	Foot of Tonachi Mountain, Navaho Reservation	55	Considerable	(16.8)	(13.4)	(14.0)	(91.7)	(87.0)	(90.9)	15.40	1,410	Medium		7.7
213327	W. Hough	Snowflake	24	do	(16.0)	(14.8)	(14.6)	(92.6)	(94.8)	(98.7)	15.13	1,440	No wear	11.7	6.9
245823	W. H. Gardner	Fort Grant	50	Pronounced	(15.6)	(15.0)	(13.6)	(96.2)	(88.9)	(90.7)	14.73	1,310	Slight	11.7	7.0
257536	J. W. Fewkes	Casa Grande	40	Considerable	(13.1)	(13.1)	(13.1)	(13.1)							7.4
243821	R. Smith	Prescott	60	Moderate	(17.0)										
Totals											(22)	(24)		(13)	(31)
Averages											328.63	33,110		158.5	229.0
Minima											14.94	1,280		12.19	7.39
Maxima											14.03	1,440		11.4	6.8
											15.67	1,500		13.4	8.1

SALT RIVER

Catalogue No.	Diam. Bizygomatic	Facial Ind. total $\left(\frac{c}{a \times 100}\right)$	Facial Ind. upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Ind. right	Orbital Ind. left	Nose, height	Nose, breadth maxim.	Nasal Ind.	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, <i>Ind.</i>	Lower Jaw, height at Symphysis
255291	12.6	57.9	57.9	9.9	8.3	9.7	75	42	3.5	3.7	3.8	3.8	92.1	88.1	5.0	2.7	54.0	5.4	6.2	57.1	---
259008	---	---	---	---	---	(11.2)	---	---	3.5	3.7	3.8	3.8	92.1	88.1	5.0	2.7	54.0	5.4	6.2	57.1	---
259027	13.2	60.8	60.8	(9.9)	(9.8)	(9.8)	(67)	(72)	3.75	3.80	4.0	3.9	93.8	98.7	5.35	2.4	44.9	5.85	6.2	84.4	---
259049	12.5	---	---	(10.5)	(10.9)	(10.9)	(72)	(72)	3.75	3.80	4.0	3.9	93.8	98.7	5.35	2.4	44.9	5.85	6.2	84.4	---
259715	---	---	---	(9.8)	(10.4)	(10.4)	(78)	(78)	3.5	3.5	3.75	3.75	88.4	88.4	5.4	2.5	46.3	5.2	6.7	77.6	---
259205	13.6	89.7	54.0	(9.8)	(9.8)	(10.4)	(78)	(78)	3.2	3.2	3.5	3.5	91.4	91.4	5.2	2.45	47.1	5.2	6.7	77.6	---
259559	13.0	56.9	56.9	9.5	9.5	10.2	(78)	(78)	3.3	3.3	3.7	3.6	89.2	93.1	5.25	2.45	47.7	5.2	6.7	77.6	---
259629	13.5	---	---	9.5	9.5	10.2	(78)	(78)	3.5	3.5	3.8	3.85	93.4	92.2	5.25	2.45	47.7	5.2	6.7	77.6	---
259507	12.8	60.5	60.5	9.5	9.5	10.2	(78)	(78)	3.5	3.5	3.9	3.9	89.7	89.7	5.35	2.6	48.6	5.35	7.0	77.1	---
259614	14.8	82.4	50.0	(10.1)	(11.0)	(11.0)	(76)	(76)	3.5	3.6	4.1	4.1	85.4	87.8	5.45	2.8	51.4	5.4	7.0	77.1	---
259602	---	---	---	(10.1)	(11.0)	(11.0)	(76)	(76)	3.5	3.6	4.1	4.1	85.4	87.8	5.45	2.8	51.4	5.4	7.0	77.1	---
259617	---	---	---	(10.2)	(10.7)	(10.7)	(72)	(72)	4.1	4.1	4.0	4.0	86.3	105.1	5.35	2.4	44.9	5.3	6.1	86.9	---
259618	---	---	---	(10.2)	(10.7)	(10.7)	(72)	(72)	4.1	4.1	4.0	4.0	86.3	105.1	5.35	2.4	44.9	5.3	6.1	86.9	---
259650	13.8	86.2	50.7	(9.8)	(10.7)	(10.7)	(78)	(78)	3.2	3.45	3.6	3.5	88.9	92.9	5.05	2.6	51.5	5.2	6.8	76.5	---
259217	---	---	---	(9.8)	(10.7)	(10.7)	(78)	(78)	3.2	3.45	3.6	3.5	88.9	92.9	5.05	2.6	51.5	5.2	6.8	76.5	---
259217	14.3	57.3	57.3	9.4	8.0	10.4	(72)	(72)	3.45	3.5	3.85	3.85	80.6	90.9	5.4	2.85	52.8	5.4	6.5	83.5	---
259511	14.3	57.3	57.3	9.4	8.0	10.4	(72)	(72)	3.45	3.5	3.85	3.85	80.6	90.9	5.4	2.85	52.8	5.4	6.5	83.5	---
259601	14.4	52.1	52.1	(9.8)	(10.2)	(10.2)	(72)	(72)	3.7	3.6	3.95	3.95	93.7	91.2	5.2	2.7	51.9	5.55	6.5	83.5	---
259701	14.2	52.1	52.1	(9.8)	(10.2)	(10.2)	(72)	(72)	3.7	3.6	3.95	3.95	93.7	91.2	5.2	2.7	51.9	5.55	6.5	83.5	---
259562	13.5	---	---	9.4	8.0	10.4	(72)	(72)	3.4	3.4	3.6	3.7	94.4	91.9	5.2	2.5	48.1	5.1	6.3	81.0	---
259716	13.1	---	---	9.4	8.0	10.4	(72)	(72)	3.4	3.4	3.6	3.7	94.4	91.9	5.2	2.5	48.1	5.1	6.3	81.0	---
259592	13.5	54.8	54.8	9.4	8.0	10.4	(72)	(72)	3.45	3.5	3.8	3.85	89.9	90.9	5.1	2.5	49.0	5.4	6.3	81.0	---
259692	13.5	54.8	54.8	9.4	8.0	10.4	(72)	(72)	3.45	3.5	3.8	3.85	89.9	90.9	5.1	2.5	49.0	5.4	6.3	81.0	---
259714	12.8	56.3	56.3	(9.5)	(10.2)	(10.2)	(70)	(70)	3.15	3.15	3.55	3.55	81.8	81.8	4.8	2.6	54.2	5.6	6.6	84.9	---
259497	13.7	90.5	90.5	(10.1)	(10.2)	(10.2)	(70)	(70)	3.2	3.35	3.75	3.75	85.4	90.5	5.25	2.5	47.6	5.6	6.6	84.9	---
259520	14.3	57.3	57.3	(10.1)	(10.4)	(10.4)	(69)	(69)	3.2	3.35	3.75	3.75	85.4	90.5	5.25	2.5	47.6	5.6	6.6	84.9	---
259541	13.2	56.8	56.8	(10.1)	(10.4)	(10.4)	(71)	(71)	3.2	3.35	3.75	3.75	85.4	90.5	5.25	2.5	47.6	5.6	6.6	84.9	---
259692	14.2	54.2	54.2	(10.3)	(10.6)	(10.6)	(71)	(71)	3.6	3.7	4.05	4.0	88.9	92.5	5.35	2.65	49.5	5.1	6.5	78.5	---
259330	13.8	55.8	55.8	(9.8)	(9.6)	(9.6)	(69)	(69)	3.4	3.4	3.75	3.9	90.7	87.2	5.2	2.7	49.5	5.4	6.3	90.5	---
259718	13.0	55.8	55.8	(9.8)	(9.6)	(9.6)	(69)	(69)	3.4	3.4	3.75	3.9	90.7	87.2	5.2	2.7	49.5	5.4	6.3	90.5	---
259648	14.0	89.6	89.6	(9.8)	(9.6)	(9.6)	(68)	(68)	3.55	3.7	3.6	3.6	98.6	102.8	5.6	2.45	43.8	5.0	6.0	83.3	---
259607	13.4	57.9	57.9	(9.3)	(9.8)	(9.7)	(68)	(68)	3.25	3.4	3.95	3.9	82.3	87.2	5.2	2.5	43.1	5.45	6.6	82.6	---
259508	13.8	57.1	57.1	(9.3)	(9.3)	(10.1)	(75)	(75)	3.65	3.7	3.9	3.9	93.6	94.9	5.0	2.8	50.0	5.4	7.0	88.5	---
259595	13.5	59.3	59.3	(9.3)	(9.3)	(10.1)	(75)	(75)	3.35	3.55	3.9	3.75	88.6	93.4	5.3	2.7	50.9	5.7	7.0	87.4	---

2 Near.

PUEBLOS—Continued

DEFORMED ARIZONA CRANIA.—MALE—Continued

SALT RIVER—Continued

Catalogue No.	Diam. Bizygomatic	Facial Index, total	Facial Index, upper	Basion-Alveolar Ft.	Basion Subnasal Ft.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length, maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, height at Symphysis	
239544	14.4	77.8		(9.9)		(10.2)			3.55	3.8	3.8	3.9	92.1	91.0	5.55	2.65	47.7	5.1	6.7	79.1	
239306	14.0	85.7	54.6	10.1		10.4	70		3.25	3.8	3.8	3.75	86.8	86.7	2.45	2.6	46.2	5.15	6.5	79.2	
239539	13.7		56.2	(9.4)		(9.8)	(69)		3.2	3.6	3.6	3.6	93.1	88.9	2.55	2.55	52.0	6.6	6.6	82.6	
239559	14.1		54.7	(9.6)		(10.1)	(71)		3.35	3.85	3.85	3.75	87.0	83.4	2.3	2.3	43.0	6.7	6.7	77.6	
239687	13.9		52.5	9.4		10.2	74		3.4	3.8	3.8				2.65	2.65	51.0				
239576						(10.9)															
239632									4.1	4.15	4.2	4.2	98.8	97.6	2.9	2.7	45.8	5.5	7.1	77.5	
239298						9.6			3.3	3.8	3.7	3.68	89.2	89.2	5.0	2.4	48.0				
239532	13.2		56.8			(9.8)	(70)		3.45	3.6	3.6	3.6	93.1	92.8	5.6	2.6	46.1	5.23	6.6	79.6	
239306	12.3		59.4						3.65	3.75	4.15	4.1	88.0	91.5	5.15	2.55	49.5	5.3	6.0	88.3	
239570	13.0	56.2	60.8	10.1		(9.8)	(70)		3.7	3.8	3.7	3.7	96.1	100.0	3.35	2.4	44.9	3.3	6.4	89.1	
239717						10.2	68		3.65	3.7	3.9	4.0	94.9	92.5	2.3	2.3	43.0	4.85	6.3	77.0	
239647									3.7	3.7	3.9	3.8	86.1	88.2	3.35	2.4	49.0	5.45			
239564	13.2	90.2	54.6	10.1		(10.0)	(74)		3.35	3.96	3.8	3.6	93.1	91.7	5.0	2.4	48.0				
239487	13.4					10.4	72		3.3	3.4	3.6	3.6	86.8	87.2	4.8	2.55	53.1				
239566	13.4	90.3	50.7	9.3		(10.1)	72		3.3	3.6	3.6	3.59	91.7	93.0	5.15	2.25	43.7	5.15	6.3	81.8	
239625	13.4		50.7			9.8			3.3	3.7	3.7	3.7	88.2	90.6	5.1	2.6	51.0	5.25	6.6	79.5	
239467	14.0		50.7						3.3	3.35	3.7	3.75	96.0	97.3	2.2	2.2	42.8	5.1	6.8	75.0	
239531									3.6	3.65	3.7	3.65	96.0	98.6	5.55	2.45	44.1	5.45	6.5	83.9	
239216									3.55	3.6	3.9	3.9	92.3	93.6	5.65	2.7	47.6	2.5	6.2	82.7	
239554	12.7	91.3	56.7	9.6		10.2	73		3.6	3.6	4.05	4.15	88.9	86.8	5.15	2.4	46.6	5.0	7.0	71.4	
239607									3.35	3.45	3.7	3.8	90.5	90.8	5.5	2.55	46.4				
239579																					
Number of skulls	(39)	(42)	(31)	(12)	(1)	(15)	(10)	(1)	(49)	(50)	(48)	(48)	(48)	(48)	(52)	(51)	(51)	(38)	(32)	(32)	
Totals	527.8	85.06	55.45	117.6	8.3	150.3	176.4	183.6	183.25	183.6	183.25	183.25	183.25	183.25	273.0	193.6	202.95	203.35	203.35	(52)	
Averages	18.58	27.8	20.0	9.80	8.3	10.02	71	42	3.88	3.63	3.88	3.88	3.88	3.88	5.25	2.54	48.42	5.31	6.51	81.68	
Minima	12.3	77.8	60.0	9.3	8.0	8.0	67		3.15	3.15	3.5	3.5	81.8	81.8	4.6	2.2	42.8	4.82	6.0	71.4	
Maxima	14.8	96.2	60.8	10.4	10.8	10.8	74		4.1	4.1	4.15	4.2	98.8	105.1	5.9	2.85	56.0	5.83	7.1	94.4	

OLD HOPI

156326	13.3	56.4	9.4	8.0	10.0	75	51	3.35	3.5	4.0	3.9	83.5	89.7	5.2	2.5	48.1	2.57	36.2	91.9	(1)
156310	13.1	55.0	9.4	8.0	10.0	75	51	3.35	3.4	3.7	3.8	90.5	80.5	4.9	2.5	51.0	3.2	6.4	81.3	(4)
156876	13.3	54.9	9.4	8.0	10.0	73	51	3.35	3.4	4.0	3.85	92.0	83.5	4.9	2.3	46.9	5.3	6.7	79.1	(4)
156320	13.9	53.3	9.4	8.0	10.0	73	51	3.35	3.7	4.0	4.0	93.0	92.6	5.55	2.75	49.6	6.3	6.9	91.3	(4)
156325	13.9	53.3	9.4	8.0	10.0	73	51	3.35	3.55	4.0	4.0	83.8	88.8	5.3	2.8	52.8				(4)
Number of skulls.....	(4)	(1)	(1)	(1)	(1)	(1)	(1)	(5)	(5)	(5)	(5)	(6)	(6)	(5)	(5)	(5)	(4)	(4)	(4)	(1)
Totals.....	53.6	9.4	8.0	8.0	10.0	73	51	17.55	19.45	19.55	25.85	80.97	80.77	22.5	12.85	49.71	6.63	26.2	85.88	(4)
Averages.....	13.40	56.16	9.4	8.0	10.0	73	51	3.50	3.51	3.91	3.91	83.5	83.5	4.9	2.67	46.9	5.2	6.2	79.1	(1)
Minima.....	13.1	54.9	9.4	8.0	10.0	73	51	3.35	3.4	3.7	3.8	83.5	83.5	4.9	2.3	46.9	5.2	6.2	79.1	(1)
Maxima.....	13.9	53.3	9.4	8.0	10.0	73	51	3.8	3.7	4.0	4.0	95.0	92.5	5.55	2.8	52.8	6.3	6.9	91.9	(1)

ELDEN

339725	13.8	56.5	10.3	9.1	10.9	73	58	3.55	3.55	3.9	3.8	91.0	93.4	5.2	2.9	55.8	5.6	6.9	81.2	(7)
339723	14.2	52.1	10.1	8.6	10.0	68	49	3.3	3.3	3.9	3.9	84.6	84.6	5.0	2.6	52.0	5.5	7.0	78.6	(7)
339724	13.9	51.8	10.3	8.3	9.8	68	46	3.4	3.4	3.8	3.85	86.8	88.3	5.35	3.0	56.1				(7)
339722	13.9	51.8	10.3	8.3	9.8	68	46	3.4	3.35	3.9	3.8	87.2	88.2	5.1	2.65	52.0				(7)
339721	12.7	51.8	10.3	8.3	9.7	68	46	3.45	3.6	3.8	3.8	90.8	94.7	5.4	2.25	41.7				(7)
339718	12.7	51.8	10.3	8.3	9.7	68	46	3.4	3.4	3.7	3.8	91.9	94.7	5.1	2.35	46.1	5.8	6.8	85.5	(7)
339729	14.2	52.1	10.1	8.6	10.0	68	49	3.3	3.3	3.9	3.9	84.6	84.6	5.0	2.6	52.0	5.5	7.0	78.6	(7)
Number of skulls.....	(4)	(5)	(3)	(4)	(5)	(3)	(3)	(6)	(5)	(6)	(5)	(6)	(6)	(7)	(7)	(7)	(4)	(4)	(4)	(7)
Totals.....	54.6	30.7	34.8	34.8	50.4	361.15	18.4	19.15	18.4	18.4	36.15	89.82	89.82	22.5	12.85	49.71	6.63	26.2	85.88	(4)
Averages.....	13.65	53.46	10.23	8.70	10.08	69	57	3.40	3.44	3.85	3.85	88.70	89.82	5.16	2.65	46.9	5.5	6.8	81.62	(7)
Minima.....	12.7	51.8	10.1	8.3	9.7	68	46	3.3	3.3	3.7	3.8	84.6	84.6	5.0	2.25	41.7	5.5	6.8	78.6	(7)
Maxima.....	14.2	56.5	10.3	9.1	10.9	73	58	3.55	3.6	3.9	3.9	91.9	94.7	5.4	3.0	56.1	5.8	7.0	85.5	(7)

CHAVES PASS

156996	13.3	56.4	9.4	8.0	10.0	75	51	3.35	3.5	4.0	3.9	83.5	89.7	5.2	2.5	48.1	2.57	36.2	91.9	(1)
157670	13.6	55.0	9.4	8.0	10.0	75	51	3.35	3.4	3.7	3.8	90.5	80.5	4.9	2.5	51.0	3.2	6.4	81.3	(4)
158172	13.3	54.9	9.4	8.0	10.0	73	51	3.35	3.4	4.0	3.85	92.0	83.5	4.9	2.3	46.9	5.3	6.7	79.1	(4)
157065	13.7	53.3	9.4	8.0	10.0	73	51	3.35	3.55	4.0	4.0	83.8	88.8	5.3	2.75	49.6	6.3	6.9	91.3	(4)
157075	13.6	53.3	9.4	8.0	10.0	73	51	3.35	3.55	4.0	4.0	83.8	88.8	5.3	2.8	52.8				(4)
158043	13.2	56.8	10.2	9.0	10.4	71	55	3.65	3.6	3.9	3.85	93.6	93.6	5.3	2.55	43.1	5.6	6.3	83.9	(4)
157068	14.0	65.6	10.3	9.0	10.2	68	52	3.7	3.7	4.1	3.95	90.2	93.7	5.2	2.5	48.1	6.0	7.0	85.5	(4)
158173	13.9	53.3	9.4	8.0	10.0	73	51	3.35	3.5	4.0	4.0	83.8	88.8	5.3	2.8	52.8				(4)
158117	14.2	52.1	10.1	8.6	10.0	68	49	3.3	3.3	3.9	3.9	84.6	84.6	5.0	2.6	52.0	5.5	7.0	78.6	(4)
Number of skulls.....	(4)	(5)	(3)	(4)	(5)	(3)	(3)	(6)	(5)	(6)	(5)	(6)	(6)	(7)	(7)	(7)	(4)	(4)	(4)	(7)
Totals.....	54.6	30.7	34.8	34.8	50.4	361.15	18.4	19.15	18.4	18.4	36.15	89.82	89.82	22.5	12.85	49.71	6.63	26.2	85.88	(4)
Averages.....	13.65	53.46	10.23	8.70	10.08	69	57	3.40	3.44	3.85	3.85	88.70	89.82	5.16	2.65	46.9	5.5	6.8	81.62	(7)
Minima.....	12.7	51.8	10.1	8.3	9.7	68	46	3.3	3.3	3.7	3.8	84.6	84.6	5.0	2.25	41.7	5.5	6.8	78.6	(7)
Maxima.....	14.2	56.5	10.3	9.1	10.9	73	58	3.55	3.6	3.9	3.9	91.9	94.7	5.4	3.0	56.1	5.8	7.0	85.5	(7)

* Near.

	(14.4)	(86.8)	(62.7)	9.6	8.2	10.0	70	48	3.6	3.9	3.8	92.8	94.7	5.5	2.6	47.8	5.3	6.8	77.9	3.3
	(8)	(7)	(8)	(8)	(8)	(9)	(8)	(8)	(10)	(10)	(10)	(10)	(10)	(12)	(12)	(12)	(12)	(12)	(12)	(11)
213340																				
213317																				
Number of skulls																				
Totals	107.5	90.06	79.7	89.2	69.2	90.8	70	51	35.05	37.8	37.15	92.72	94.89	62.2	29.55	66.4	80.6	82.38	39.35	
Averages	13.44	84.6	9.96	8.65	10.09	10.09	70	51	3.51	3.78	3.72	92.72	94.89	5.18	2.49	47.99	6.72	82.38	3.68	
Minima	13.1	84.6	9.5	8.2	9.7	65	65	46	3.25	3.5	3.5	86.8	82.9	5.0	2.2	41.2	6.2	77.9	3.3	
Maxima	13.9	98.5	10.7	9.0	9.0	10.4	74	59	3.8	3.95	3.85	108.6	108.6	5.7	2.8	65.5	7.3	87.7	3.9	

MISCELLANEOUS

213209	13.3			10.0	8.6	10.1	76	52	3.4	3.45	3.8	89.5	88.5	4.85	2.6	53.6	5.6	6.8	85.3	3.5
213305	13.9			10.5	9.2	10.4	70	50	3.5	3.45	4.0	87.5	89.7	5.1	2.4	47.1	5.8	6.5	89.2	4.0
213306	13.1			9.8	8.6	10.0	70	55	3.4	3.4	3.7	87.8	94.4	5.0	2.4	46.2	5.3	6.2	86.5	3.4
213285	13.3			9.2	7.9	9.4	69	52	3.6	3.4	3.6	93.2	94.4	5.3	2.7	60.9	5.3	6.4	89.1	3.2
213304	13.6			10.1	8.4	9.9	65	47	3.6	3.65	4.0	87.8	87.8	5.1	2.45	48.0	5.4	6.6	81.7	3.6
213291	13.6			10.1	8.6	9.4	69	57	3.4	3.4	3.8	89.5	89.5	4.75	2.45	51.6	5.4	6.6	81.7	3.6
213293	14.2			10.1	8.8	10.0	69	51	3.6	3.6	4.0	97.2	97.2	5.3	2.45	45.4	5.4	6.6	81.7	3.6
246970	14.5	(83.5)		10.1	8.4	9.9	65	47	3.65	3.7	4.0	87.8	89.5	5.6	2.65	47.8	5.8	6.8	85.3	3.5
246965	14.3	93.7		10.1	8.6	9.4	69	57	3.25	3.25	3.7	86.7	87.8	5.35	2.4	44.9	5.8	6.5	89.2	4.0
246988	13.7	(92.5)		9.1	8.0	9.4	69	57	3.4	3.4	3.8	89.5	89.5	5.1	2.45	48.0	5.4	6.6	81.7	3.4
246991				9.1	8.0	9.4	69	57	3.4	3.4	3.8	89.5	89.5	5.1	2.45	48.0	5.4	6.6	81.7	3.4
246995				9.1	8.0	9.4	69	57	3.4	3.4	3.8	89.5	89.5	5.1	2.45	48.0	5.4	6.6	81.7	3.4
246989				10.1	8.8	10.0	69	51	3.9	3.9	4.0	97.2	97.2	5.3	2.45	45.4	5.4	6.6	81.7	3.2
176949	(14.5)	(83.8)		10.1	8.8	10.0	69	51	3.6	3.6	3.85	93.5	93.5	5.2	2.65	51.0	5.8	6.3	92.1	3.6
176939	(14.2)	(82.4)		9.7	8.5	9.9	70	54	3.4	3.4	3.9	87.2	89.5	5.1	2.7	52.9	5.7	7.2	79.8	3.7
176941	(13.5)	(83.3)		9.7	8.5	9.9	70	54	3.3	3.3	4.0	82.6	84.6	5.06	2.7	53.6	5.5	6.4	84.0	3.6
176950				9.7	8.5	9.9	70	54	3.2	3.15	3.75	85.3	81.8	4.7	2.2	46.8	4.9	5.9	83.1	3.7
177874	13.3			10.0	8.7	10.0	68	51	3.55	3.4	3.8	93.4	87.2	5.0	2.2	44.0	5.8	6.4	90.6	4.0
177873	13.3			10.0	8.8	10.6	(69)	(50)	3.55	3.55	3.9	91.0	91.0	4.9	2.5	51.0	5.1	7.0	72.9	3.6
177875				10.0	8.8	10.6	(69)	(50)	3.55	3.55	3.9	91.0	91.0	4.9	2.5	51.0	5.1	7.0	72.9	3.6
270460	14.2	88.7	10.0	8.7	8.0	9.4	68	51	3.4	3.4	3.9	87.2	87.2	5.35	2.4	44.9	5.3	6.3	84.1	3.6
270465	13.5	89.8	(9.3)	(8.0)	(8.0)	(9.4)	(69)	(50)	3.55	3.5	3.4	104.4	100.0	4.9	2.5	51.0	5.2	6.1	85.3	3.35
270463		(94.1)	(85.6)	8.8	8.8	10.6								5.2	2.55	49.0				3.55
157385	13.6	91.9	10.3	8.6	8.6	9.9	66	45	3.3	3.3	3.9	86.6	89.2	4.95	2.55	51.5	5.6	6.7	83.6	3.9
243903	(14.9)			9.1	9.1	10.2	67	46	3.7	3.8	4.2	81.1	95.0	5.35	2.7	50.6	5.6	6.6	81.9	3.9
213356	13.0			9.8	8.2	9.6	67	46	3.6	3.6	3.8	94.7	94.7	4.95	2.6	52.5	5.9	6.6	89.4	3.9
336959	13.0	94.6	10.0	8.9	10.2	70	39	3.3	3.4	3.8	87.8	89.5	91.9	4.9	2.45	50.0	5.6	6.7	78.9	3.8
228594	14.1	87.9	10.0	8.5	8.5	9.6	65	46	3.65	3.6	3.7	100.0	97.3	5.2	2.85	54.8	5.6	6.1	82.1	3.5
300010	(14.0)	(55.0)	9.6	8.4	8.4	9.9	69	54	3.6	3.6	3.8	94.7	93.4	5.4	2.45	49.4	5.2	6.2	83.0	3.5
213327	13.7	86.4	9.4	8.4	8.4	10.4	78	57	3.4	3.4	3.7	91.9	91.8	4.95	2.6	52.6	5.5	6.2	83.0	3.25
243823	(14.2)	(49.3)	(9.0)	(7.8)	(7.8)	(9.4)	(71)	(51)	3.5	3.5	3.7	94.6	94.6	5.0	2.35	47.0	5.0	6.2	80.7	3.25

* Near.

PUEBLOS—Continued
 DEFORMED ARIZONA CRANIA.—MALE—Continued
 MISCELLANEOUS—Continued

Catalogue No.	Diam. Bizygomatic (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length, maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, length, maxim.	Upper Alveolar Arch, breadth maxim.	Lower Jaw, height at Symphysis
257536	14.2	82.4	82.1	(9)	(8.3)	(9.8)	(70)	(50)	3.65	3.55	4.0	4.1	91.8	86.6	5.3	2.6	49.1	5.5	6.9	79.7	3.2	
243821					9.1	10.5			3.4	3.4	3.95		86.1		3.3	2.7	81.8					
Number of skulls	(15)	(8)	(15)	(16)	(19)	(16)	(16)	(16)	104.5	104.3	115.2	110.7	(30)	(29)	(33)	(33)	(83)	(27)	(27)	(27)	(19)	
Totals	203.3	13.55	54.60	157.5	163.3	189.8	69	52	5.78	5.48	3.84	3.82	90.71	91.15	167.35	83.05	49.65	147.1	175.7	175.7	68.15	
Averages	12.7	82.4	60.4	9.84	8.59	9.99	69	52	5.78	5.48	3.4	3.5	82.5	81.8	5.07	2.52	49.65	5.45	6.51	83.72	5.59	
Minima	11.3	82.4	60.6	9.1	7.9	9.4	65	45	3.2	3.15	3.4	3.5	82.5	81.8	3.3	2.2	44.0	4.3	5.9	72.9	3.2	
Maxima			60.9	10.5	9.2	10.6	78	59	3.9	3.9	4.2	4.2	104.4	100.0	5.6	2.85	51.8	7.2	7.2	92.1	4.0	

DEFORMED COLORADO CRANIA.—MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (tabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)					
315955	B. A. E., J. W. Fewkes.	Mesa Verde	50	Pronounced	(16.7)	(15.0)	(14.6)	(82.8)	(92.1)	(97.8)	15.43	1,560	Moderate	11.5	7.0					
315954	do	do	30	do	(16.4)	(15.4)	(15.4)	(93.9)	(96.9)	(100.0)	15.73	1,480	No wear	13.2	7.9					
336621	B. A. E.	Montezuma Canyon	50	Medium	(16.4)	(15.6)	(14.5)	(95.1)	(90.6)	(93.0)	15.50	1,400	Medium	13.0	7.9					
Number of skulls.																				
Totals.....																				
Averages.....																				
Minima.....																				
Maxima.....																				
Catalogue No.	Diam. Bizygomatic	Facial Index, total	Facial Index, upper	Basion-Alveolar Pt.	Basion Subnasal Pt.	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, Breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
315,955	(14.1)	(81.6)	(49.6)	10.0	8.7	71	49	3.35	3.4	4.0	4.0	82.5	85.0	5.0	2.4	48.0	5.2	7.1	73.2	3.3
315,954	13.8	81.6	49.6	9.6	8.2	(71)	(60)	3.35	3.4	3.9	3.9	85.9	87.2	5.4	2.7	50.0	5.2	7.1	73.2	4.0
336,621	13.8	94.2	57.8	10.1	8.3	70	55	3.4	3.4	3.7	3.9	91.9	87.2	5.2	2.7	51.9	5.5	7.0	78.6	3.9
Number of skulls.																				
Totals.....																				
Averages.....																				
Minima.....																				
Maxima.....																				

* Near.

PUEBLOS—Continued
DEFORMED NEW MEXICO CRANIA.—FEMALE

PUYÉ

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxm. (glabella ad maxmum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt. - Nasion height (b)
262068	E. L. Hewett.	Puyé.	Adult.	Moderate.	(16.0)	13.1	12.8	(81.9)	(88.0)	97.7	13.97	1,120	Slight.	11.4	7.1
262081	do.	do.	40	Slight.	(15.1)	(12.7)	(13.0)	(81.1)	(93.5)	(102.4)	13.60	1,100	Moderate.	12.0	7.2
262091	do.	do.	Adult.	Medium asymmetry.	(16.0)	(13.6)	12.6	(85.0)	(85.1)	(92.7)	14.07	1,175	do.	11.5	6.8
262052	do.	do.	do.	Moderately occipital.	(15.0)	(13.0)	(13.0)	(86.7)	(92.9)	(100.0)	13.67	1,010	Medium.	11.7	7.2
263013	do.	do.	55	Considerable.	(15.4)	(13.4)	(12.6)	(87.0)	(87.5)	(91.0)	13.80	1,075	Moderate.	11.7	6.9
262005	do.	do.	Adult.	Moderate.	(15.4)	(13.6)	13.2	(88.3)	(91.0)	(97.1)	14.07	1,105	do.	11.9	6.9
262063	do.	do.	do.	Marked lateral compression.	(13.9)	(13.2)	13.0	(89.3)	(85.4)	(91.6)	14.37	1,185	do.	11.0	(6.4)
262009	do.	do.	do.	Slight occipital compression.	(15.0)	(13.4)	(13.0)	(89.3)	(91.6)	(97.0)	13.80	1,140	Medium.	11.1	6.9
269230	do.	do.	do.	Considerable.	(15.2)	(13.6)	---	(89.5)	---	---	---	---	Very slight.	10.8	6.5
269294	B. A. E. and S. A. A.	do.	Adult.	Moderate asymmetry.	(15.3)	(13.8)	13.4	(90.2)	(92.1)	(97.1)	14.17	1,205	do.	10.8	(6.4)
262906	S. A. A., E. L. Hewett.	do.	do.	Medium occipital compression.	(15.2)	(13.8)	(13.6)	(90.8)	(93.8)	(98.6)	14.20	1,240	Moderate.	9.9	6.1
263095	do.	do.	do.	Moderate occipital compression.	(15.2)	(13.8)	---	(90.8)	---	---	---	(1,190)	Slight.	11.1	6.8
269285	E. L. Hewett.	do.	20	Medium.	(15.2)	(13.8)	(12.7)	(90.8)	(87.6)	(92.0)	13.90	1,190	No wear.	9.9	6.0
262986	S. A. A., E. L. Hewett.	do.	Adult.	Moderate occipital compression.	(15.4)	(14.1)	(13.3)	(91.6)	(90.2)	(94.3)	14.27	1,290	do.	10.9	6.8
263053	E. L. Hewett.	do.	50	Medium.	(14.7)	(13.5)	(12.9)	(91.8)	(91.5)	(95.6)	13.70	1,105	Moderate.	10.7	6.5
263038	S. A. A., E. L. Hewett.	do.	Adult.	Slight occipital compression.	(15.3)	(14.1)	13.0	(92.2)	(88.4)	(92.2)	14.13	1,190	Medium.	10.0	6.2
269239	B. A. E. and S. A. A.	do.	do.	Moderate occipital compression.	(15.1)	(14.0)	12.2	(92.7)	(83.9)	(87.1)	13.77	(1,175)	do.	---	---
269286	E. L. Hewett.	do.	50	Medium.	(15.2)	(14.1)	(13.6)	(92.8)	(92.8)	(96.5)	14.30	1,250	do.	---	---
262908	S. A. A., E. L. Hewett.	do.	Adult.	Marked occipital compression.	(13.1)	(14.2)	(13.4)	(94.0)	(91.5)	(94.4)	14.23	1,140	do.	11.8	7.1
269252	do.	do.	do.	Moderate occipital compression.	(15.4)	(14.5)	12.9	(94.2)	(85.3)	(89.0)	14.27	1,250	Slight.	11.4	7.1
262918	do.	do.	do.	do.	(15.0)	(14.4)	(13.6)	(93.0)	(92.5)	(94.4)	14.33	(1,225)	do.	---	---

263034	do	do	do	(14.8)	(14.2)	(13.6)	(96.0)	(98.8)	(95.8)	14.20	1,225	11.2	6.7
263015	do	do	do	(16.0)	(15.4)	(13.4)	(96.3)	(85.4)	(87.0)	14.93	1,310	10.4	6.9
263054	E. L. Hewett	do	do	(14.6)	(14.2)	(12.8)	(97.3)	(88.9)	(90.1)	13.87	---	---	6.5
262913	S. A. A., E. L. Hewett	do	do	(14.9)	(14.6)	(11.2)	(98.0)	(96.8)	(97.8)	14.57	1,275	---	6.6
263093	do	do	do	(15.3)	(15.0)	(13.8)	(98.0)	(91.4)	(92.0)	14.70	1,350	11.1	7.1
263011	do	do	do	(14.7)	(14.6)	(12.8)	(99.3)	(87.4)	(87.7)	14.03	1,160	10.9	6.7
262977	do	do	do	(14.5)	(15.0)	(13.9)	(102.5)	(94.2)	(92.7)	14.47	---	11.2	6.8
263055	do	do	do	(16.1)	---	---	---	---	---	---	1,210	11.7	7.2
263026	do	do	do	(13.4)	---	---	---	---	---	---	---	10.8	6.6
Number of skulls	---	---	---	(1)	(8)	---	---	---	(1)	(26)	(23)	(23)	(25)
Totals	---	---	---	13.1	103.1	---	---	---	367.34	27,320	---	254.4	169.2
Averages	---	---	---	13.1	12.89	---	---	---	97.7	1,188	---	11.66	6.77
Minima	---	---	---	12.2	---	---	---	---	13.60	1,010	---	9.9	6.0
Maxima	---	---	---	13.4	---	---	---	---	14.93	1,350	---	12.0	7.2

OTHER TĚVA AND MISCELLANEOUS

223024	E. L. Hewett	Orowi	60	(16.3)	(13.8)	(13.9)	(82.1)	(93.0)	(102.2)	14.60	1,225	11.1	6.5
228977	do	do	55	(16.4)	(13.7)	(13.6)	(83.4)	(90.4)	(99.3)	14.57	---	---	6.4
228301	do	do	45	(15.1)	(13.2)	(13.2)	(87.1)	(93.3)	(100.0)	13.83	1,070	11.2	6.8
228925	do	do	35	(15.4)	(13.6)	(13.1)	(88.3)	(93.8)	(100.0)	14.20	---	---	7.0
228963	do	do	50	(14.9)	(14.7)	(13.7)	(88.7)	(93.1)	---	---	---	11.0	6.6
271012	E. A. E. and S. A. A.	Kwasteyukwa, Jemez	45	(16.4)	(13.7)	(13.2)	(85.5)	(87.7)	(96.4)	14.43	---	---	7.1
271811	do	do	Adult	(16.0)	(13.6)	(13.3)	(85.0)	(89.9)	(97.8)	14.30	1,240	11.5	6.4
271816	do	do	do	(16.0)	(13.6)	(12.8)	(85.0)	(86.5)	(94.7)	14.13	1,190	11.1	6.4
271804	do	do	35	(15.6)	(13.3)	(13.3)	(85.3)	(92.0)	(100.0)	14.07	---	10.9	6.7
271910	do	do	30	(15.9)	(13.6)	(13.1)	(85.5)	(88.4)	(95.6)	14.17	1,200	---	---
271813	do	do	Adult	(15.6)	(13.8)	(13.0)	(88.5)	(88.7)	(92.4)	14.13	1,225	12.2	7.7
271802	do	do	50	(16.0)	(14.2)	(13.9)	(88.8)	(92.1)	(97.9)	14.70	1,315	10.4	6.5
271812	do	do	Adult	(15.2)	(14.5)	13.1	(89.5)	(85.3)	(90.5)	14.60	1,295	10.0	6.4
271906	do	do	55	(15.8)	(14.3)	(13.2)	(90.5)	(87.3)	(92.3)	14.23	1,245	12.1	7.5
271858	do	do	60	(15.6)	(14.5)	(12.6)	(93.5)	(83.7)	(86.9)	14.43	---	---	---
271809	do	do	55	(15.4)	(14.4)	---	---	---	---	---	1,280	10.6	6.6
271902	do	do	55	(15.6)	(14.6)	(13.4)	(93.6)	(85.7)	(91.8)	14.53	(1,190)	11.4	7.1
271801	do	do	60	(15.2)	(14.4)	(13.5)	(94.7)	(91.2)	(93.8)	14.37	1,180	11.0	6.8
271803	do	do	24	(15.3)	(15.0)	(13.7)	(98.0)	(90.4)	(91.3)	14.67	1,360	11.3	7.3
271900	do	do	60	(15.0)	(14.8)	(13.8)	(98.7)	(92.6)	(93.2)	14.33	(1,230)	---	7.2
271810	do	do	60	(14.4)	(13.0)	(13.4)	(104.2)	(91.2)	(89.5)	14.27	---	---	6.8

† Near.

PUEBLOS—Continued

DEFORMED NEW MEXICO CRANIA.—FEMALE.—Continued

OTHER TEWA AND MISCELLANEOUS—Continued

Catalog No.	Collector	Locality	Age of subject	Information	Diam. anterior-posterior maximum	Diam. lateral maximum	Cranial Index	Vision Height Index	Height-Breadth Index	Cranial Module	Capacity, Hrdl. % method	Teeth, wear	Menstr. Height, Nasion	Alveol. Height, Nasion
271010	B. A. Peck and R. A. A.	Kwasioyukwan, Jemez	21	Moderate	(15.4)	(13.10)	(62.5)	(60.1)	(86.6)	13.17	1,290	No wear	11.5	7.0
271013	do	do	30	Slight to moderate	(15.7)	(13.2)	(61.7)	(67.7)	(91.7)	14.43	1,185	do	11.1	6.9
280210	do	Chiricua	Adult	Moderate asymmetry	(18.0)	(15.2)	(67.4)	(60.0)	(92.1)	14.53	1,450	Medium	10.8	6.2
290207	do	do	do	do	(15.8)	(13.0)	(68.1)	(68.1)	(94.0)	14.63	1,450	do	11.8	7.1
290303	do	do	do	do	(15.8)	(13.4)	(68.7)	(68.4)	(94.0)	14.63	1,450	do	11.8	7.1
298277	E. L. Howell	Thlirrage	55	Moderate	(15.8)	(13.0)	(68.1)	(68.1)	(94.1)	13.70	2,107.5	Medium	—	6.9
298280	do	do	60	Slight	(15.0)	(13.3)	(68.7)	(68.4)	(94.0)	14.03	2,110	do	—	6.8
298281	do	do	65	Medium	(15.0)	(13.7)	(61.3)	(63.4)	(97.8)	14.03	1,100	do	10.9	6.7
298282	do	do	65	Medium	(15.0)	(13.3)	(61.3)	(63.4)	(97.8)	14.03	1,100	do	10.9	6.6
298067	do	do	Adult	Medium lateral	(16.2)	(14.1)	(61.6)	(62.9)	(97.2)	14.10	1,265	do	—	7.0
298077	do	do	21	Medium	(15.2)	(14.0)	(64.1)	(66.6)	(96.6)	13.60	1,275	do	—	6.7
298270	do	Rio de los Frijoles	65	Pronounced	(15.6)	(15.0)	(66.2)	(66.2)	(96.6)	13.60	1,275	No wear	10.9	6.7
298276	do	do	21	do	(15.6)	(15.0)	(66.2)	(66.2)	(96.6)	13.60	1,275	do	—	6.7
327067	N. M. Judd, N. G. S.	Pueblo Bonito	Adult	Moderate	(16.4)	(14.0)	(69.6)	(69.6)	(98.6)	15.15	1,310	Medium	12.1	7.1
327116	do	do	do	Marked	(17.0)	(15.7)	(64.1)	(66.2)	(89.8)	15.00	1,370	do	—	6.4
327125	do	do	do	Moderate	(16.0)	(14.8)	(63.1)	(66.6)	(86.1)	14.63	1,180	do	—	6.4
327070	do	do	do	Marked	(16.0)	(15.3)	(65.6)	(66.6)	(88.9)	14.97	1,230	do	—	6.8
331212	do	do	do	do	(16.0)	(13.0)	(61.3)	(61.3)	(96.9)	13.87	(1,465)	do	—	6.4
327140	do	Chaco Canyon	Near 20	Moderate	(16.0)	(14.0)	(68.0)	(68.0)	(96.9)	14.23	1,125	No wear	10.8	6.7
321684	do	do	Adult	Medium	(15.0)	(14.0)	(69.7)	(68.6)	(93.6)	14.23	1,125	do	—	6.4
293501	R. S. Vlekery	Fort Wingate	60	do	(16.2)	(14.8)	(61.4)	(69.7)	(93.9)	14.97	1,465	Considerable	—	7.0
314272	J. A. Jeancon	Aloplahi	45	Pronounced	(14.7)	(14.3)	(67.3)	(69.7)	(92.9)	14.00	1,100	Moderate	9.9	6.3
314271	do	do	60	do	(14.5)	(15.0)	(65.6)	(68.8)	(87.5)	14.20	1,110	Nearly all lost	—	6.3
227411	W. H. Nelson	Upper San Francisco River	40	Medium	(14.5)	(15.0)	(65.6)	(68.8)	(87.5)	14.20	1,110	Very slight	11.5	7.2

339697	B. I. Staples	Cooldige	35	Moderate	(10.2)	(14.0)	(12.9)	(86.4)	(85.4)	(92.1)	14.37	1,170	No wear	11.0	6.9
286301	J. W. Fowkes	Lower Mimbres	20	do	(15.5)	(13.8)	(13.7)	(89.0)	(93.5)	(99.5)	14.33	1,370		10.9	6.2
317193	N. M. Judd	Manuelito	30	Medium lateral	(15.4)	(13.9)	(13.6)	(90.5)	(92.8)	(97.8)	14.30	1,295	No wear	10.4	6.6
317195	do	do	40	Pronounced	(16.3)	(15.2)	(15.0)	(93.5)	(95.2)	(98.7)	15.10	(1,530)	Moderate	11.1	7.1
Number of skulls															
Totals															
Averages															
Minima															
Maxima															
					(16.5)	(15.2)	(15.0)	(93.5)	(95.2)	(98.7)	15.10	(1,530)		(28)	(43)
					65.2		577.62				41.135			310.5	291.6
					13.04		14.44				1.277			11.09	6.78
					12.8		13.70				9.9			9.9	5.6
					13.2		15.60				12.2			12.2	7.7

OLD ZUNI

306067	F. W. Hodge	Havikuh	Adult	Moderate asymmetry	(17.7)	(13.5)	(13.8)	(76.3)	(89.9)	(101.5)	(14.83)	1,305	Moderate	11.8	6.6
314318	do	do	do	Moderate lateral	(17.1)	(13.6)	(13.4)	(72.5)	(88.7)	(99.2)	(14.83)	1,110	Slight	11.4	6.8
325193	do	do	40	do	(16.3)	(13.0)	(12.9)	(70.8)	(89.8)	(99.2)	(14.67)	1,025	Medium	10.9	6.3
308533	do	do	Adult	Very asymmetrical	(15.7)	(12.7)	(12.4)	(80.9)	(97.8)	(108.9)	(13.70)	1,090		10.3	6.5
308644	do	do	do	Marked lateral compression	(15.2)	(12.4)	(13.5)	(81.6)	(97.8)	(108.9)	(13.70)	1,145		10.3	6.3
332409	do	do	do	Moderate occipital compression	(17.0)	(14.0)	(14.0)	(82.4)	(90.3)	(100.0)	(15.00)	1,340		10.8	7.0
308622	do	do	do	do	(15.9)	(13.4)	(13.7)	(84.5)	(93.5)	(102.2)	(14.33)	1,255	Considerable	10.3	6.4
314284	do	do	do	Moderate asymmetry	(15.4)	(13.2)	13.4	(85.7)	(93.7)	(101.5)	(14.00)	1,120	Medium	10.8	6.9
308549	do	do	do	Occipital compression	(16.1)	(14.0)	13.5	(87.0)	(92.7)	(96.4)	(14.53)	1,125		10.3	6.3
311309	do	do	Young adult	Moderate occipital compression	(15.8)	(13.8)	12.6	(87.3)	(85.1)	(91.3)	(14.07)	1,145		10.3	6.3
308611	do	do	Adult	Marked occipital compression	(15.6)	(14.2)	(13.7)	(91.0)	(92.0)	(96.5)	(14.50)	1,330		10.4	5.9
308741	do	do	do	pression	(16.0)	(14.6)	13.2	(91.5)	(86.3)	(90.4)	(14.60)	1,400	Slight	11.9	(6.6)
308618	do	do	do	Moderate asymmetry	(15.3)	(14.6)	(13.4)	(91.5)	(91.5)	(96.7)	(14.23)	1,175		11.3	6.6
308679	do	do	do	do	(15.6)	(14.3)	(13.6)	(91.7)	(93.8)	(97.8)	(14.20)	(1,235)	Slight	10.6	6.4
308723	do	do	do	do	(15.1)	(13.9)	(13.6)	(92.1)	(92.5)	(94.2)	(13.67)	1,120		11.7	7.3
308635	do	do	do	do	(14.2)	(13.8)	(13.0)	(97.2)	(97.2)	(94.2)	(13.67)	1,120		11.3	6.8
308642	do	do	do	do										11.8	7.0
314282	do	do	do	Marked post mortem deformation										11.8	7.0
Number of skulls															
Totals															
Averages															
Minima															
Maxima															
					(17.7) <td>(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td></td>	(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td>	(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td>	(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td>	(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td>	(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td>	(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td>	1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td>	Moderate <td>11.8 <td>6.6 </td></td>	11.8 <td>6.6 </td>	6.6
					(17.1) <td>(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td></td>	(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td>	(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td>	(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td>	(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td>	(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td>	(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td>	1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td>	Slight <td>11.4 <td>6.8 </td></td>	11.4 <td>6.8 </td>	6.8
					(16.3) <td>(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td></td>	(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td>	(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td>	(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td>	(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td>	(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td>	1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td>	Medium <td>10.9 <td>6.3 </td></td>	10.9 <td>6.3 </td>	6.3
					(15.7) <td>(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td></td>	(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td>	(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td>	(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td>	(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td>	1,090 <td></td> <td>10.3 <td>6.5 </td></td>		10.3 <td>6.5 </td>	6.5
					(15.2) <td>(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,145 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(17.0) <td>(14.0) <td>(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td></td></td>	(14.0) <td>(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td></td>	(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td>	(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td>	(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td>	(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td>	(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td>	1,340 <td></td> <td>10.8 <td>7.0 </td></td>		10.8 <td>7.0 </td>	7.0
					(15.9) <td>(13.4) <td>(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td></td></td>	(13.4) <td>(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td></td>	(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td>	(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td>	(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td>	(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td>	(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td>	1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td>	Considerable <td>10.3 <td>6.4 </td></td>	10.3 <td>6.4 </td>	6.4
					(15.4) <td>(13.2) <td>13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td></td></td>	(13.2) <td>13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td></td>	13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td>	(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td>	(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td>	(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td>	(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td>	1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td>	Medium <td>10.8 <td>6.9 </td></td>	10.8 <td>6.9 </td>	6.9
					(16.1) <td>(14.0) <td>13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(14.0) <td>13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,125 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(15.8) <td>(13.8) <td>12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(13.8) <td>12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,145 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(15.6) <td>(14.2) <td>(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td></td></td>	(14.2) <td>(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td></td>	(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td>	(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td>	(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td>	(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td>	(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td>	1,330 <td></td> <td>10.4 <td>5.9 </td></td>		10.4 <td>5.9 </td>	5.9
					(16.0) <td>(14.6) <td>13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td></td></td>	(14.6) <td>13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td></td>	13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td>	(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td>	(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td>	(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td>	(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td>	1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td>	Slight <td>11.9 <td>(6.6) </td></td>	11.9 <td>(6.6) </td>	(6.6)
					(15.3) <td>(14.6) <td>(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td></td></td>	(14.6) <td>(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td></td>	(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td>	(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td>	(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td>	(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td>	(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td>	1,175 <td></td> <td>11.3 <td>6.6 </td></td>		11.3 <td>6.6 </td>	6.6
					(15.6) <td>(14.3) <td>(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td></td></td>	(14.3) <td>(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td></td>	(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td>	(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td>	(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td>	(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td>	(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td>	(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td>	Slight <td>10.6 <td>6.4 </td></td>	10.6 <td>6.4 </td>	6.4
					(15.1) <td>(13.9) <td>(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td></td></td>	(13.9) <td>(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td></td>	(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td>	(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td>	(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td>	(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td>	(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td>	1,120 <td></td> <td>11.7 <td>7.3 </td></td>		11.7 <td>7.3 </td>	7.3
					(14.2) <td>(13.8) <td>(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td></td></td>	(13.8) <td>(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td></td>	(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td>	(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td>	(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td>	(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td>	(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td>	1,120 <td></td> <td>11.3 <td>6.8 </td></td>		11.3 <td>6.8 </td>	6.8
														11.8 <td>7.0 </td>	7.0
														11.8 <td>7.0 </td>	7.0
					(17.7) <td>(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td></td>	(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td>	(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td>	(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td>	(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td>	(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td>	(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td>	1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td>	Moderate <td>11.8 <td>6.6 </td></td>	11.8 <td>6.6 </td>	6.6
					(17.1) <td>(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td></td>	(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td>	(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td>	(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td>	(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td>	(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td>	(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td>	1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td>	Slight <td>11.4 <td>6.8 </td></td>	11.4 <td>6.8 </td>	6.8
					(16.3) <td>(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td></td>	(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td>	(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td>	(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td>	(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td>	(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td>	1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td>	Medium <td>10.9 <td>6.3 </td></td>	10.9 <td>6.3 </td>	6.3
					(15.7) <td>(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td></td>	(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td>	(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td>	(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td>	(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td>	1,090 <td></td> <td>10.3 <td>6.5 </td></td>		10.3 <td>6.5 </td>	6.5
					(15.2) <td>(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,145 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(17.0) <td>(14.0) <td>(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td></td></td>	(14.0) <td>(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td></td>	(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td>	(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td>	(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td>	(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td>	(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td>	1,340 <td></td> <td>10.8 <td>7.0 </td></td>		10.8 <td>7.0 </td>	7.0
					(15.9) <td>(13.4) <td>(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td></td></td>	(13.4) <td>(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td></td>	(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td>	(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td>	(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td>	(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td>	(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td>	1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td>	Considerable <td>10.3 <td>6.4 </td></td>	10.3 <td>6.4 </td>	6.4
					(15.4) <td>(13.2) <td>13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td></td></td>	(13.2) <td>13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td></td>	13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td>	(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td>	(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td>	(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td>	(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td>	1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td>	Medium <td>10.8 <td>6.9 </td></td>	10.8 <td>6.9 </td>	6.9
					(16.1) <td>(14.0) <td>13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(14.0) <td>13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,125 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(15.8) <td>(13.8) <td>12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(13.8) <td>12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,145 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(15.6) <td>(14.2) <td>(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td></td></td>	(14.2) <td>(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td></td>	(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td>	(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td>	(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td>	(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td>	(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td>	1,330 <td></td> <td>10.4 <td>5.9 </td></td>		10.4 <td>5.9 </td>	5.9
					(16.0) <td>(14.6) <td>13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td></td></td>	(14.6) <td>13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td></td>	13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td>	(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td>	(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td>	(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td>	(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td>	1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td>	Slight <td>11.9 <td>(6.6) </td></td>	11.9 <td>(6.6) </td>	(6.6)
					(15.3) <td>(14.6) <td>(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td></td></td>	(14.6) <td>(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td></td>	(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td>	(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td>	(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td>	(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td>	(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td>	1,175 <td></td> <td>11.3 <td>6.6 </td></td>		11.3 <td>6.6 </td>	6.6
					(15.6) <td>(14.3) <td>(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td></td></td>	(14.3) <td>(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td></td>	(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td>	(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td>	(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td>	(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td>	(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td>	(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td>	Slight <td>10.6 <td>6.4 </td></td>	10.6 <td>6.4 </td>	6.4
					(15.1) <td>(13.9) <td>(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td></td></td>	(13.9) <td>(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td></td>	(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td>	(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td>	(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td>	(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td>	(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td>	1,120 <td></td> <td>11.7 <td>7.3 </td></td>		11.7 <td>7.3 </td>	7.3
					(14.2) <td>(13.8) <td>(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td></td></td>	(13.8) <td>(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td></td>	(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td>	(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td>	(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td>	(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td>	(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td>	1,120 <td></td> <td>11.3 <td>6.8 </td></td>		11.3 <td>6.8 </td>	6.8
														11.8 <td>7.0 </td>	7.0
														11.8 <td>7.0 </td>	7.0
					(17.7) <td>(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td></td>	(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td>	(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td>	(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td>	(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td>	(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td>	(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td>	1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td>	Moderate <td>11.8 <td>6.6 </td></td>	11.8 <td>6.6 </td>	6.6
					(17.1) <td>(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td></td>	(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td>	(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td>	(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td>	(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td>	(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td>	(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td>	1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td>	Slight <td>11.4 <td>6.8 </td></td>	11.4 <td>6.8 </td>	6.8
					(16.3) <td>(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td></td>	(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td>	(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td>	(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td>	(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td>	(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td>	1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td>	Medium <td>10.9 <td>6.3 </td></td>	10.9 <td>6.3 </td>	6.3
					(15.7) <td>(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td></td>	(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td>	(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td>	(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td>	(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td>	1,090 <td></td> <td>10.3 <td>6.5 </td></td>		10.3 <td>6.5 </td>	6.5
					(15.2) <td>(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,145 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(17.0) <td>(14.0) <td>(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td></td></td>	(14.0) <td>(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td></td>	(14.0) <td>(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td></td>	(82.4) <td>(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td></td>	(90.3) <td>(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td></td>	(100.0) <td>(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td></td>	(15.00) <td>1,340 <td></td> <td>10.8 <td>7.0 </td></td></td>	1,340 <td></td> <td>10.8 <td>7.0 </td></td>		10.8 <td>7.0 </td>	7.0
					(15.9) <td>(13.4) <td>(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td></td></td>	(13.4) <td>(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td></td>	(13.7) <td>(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td></td>	(84.5) <td>(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td></td>	(93.5) <td>(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td></td>	(102.2) <td>(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td></td>	(14.33) <td>1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td></td>	1,255 <td>Considerable <td>10.3 <td>6.4 </td></td></td>	Considerable <td>10.3 <td>6.4 </td></td>	10.3 <td>6.4 </td>	6.4
					(15.4) <td>(13.2) <td>13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td></td></td>	(13.2) <td>13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td></td>	13.4 <td>(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td></td>	(85.7) <td>(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td></td>	(93.7) <td>(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td></td>	(101.5) <td>(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td></td>	(14.00) <td>1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td></td>	1,120 <td>Medium <td>10.8 <td>6.9 </td></td></td>	Medium <td>10.8 <td>6.9 </td></td>	10.8 <td>6.9 </td>	6.9
					(16.1) <td>(14.0) <td>13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(14.0) <td>13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	13.5 <td>(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(87.0) <td>(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(92.7) <td>(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(96.4) <td>(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(14.53) <td>1,125 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,125 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(15.8) <td>(13.8) <td>12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(13.8) <td>12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	12.6 <td>(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(87.3) <td>(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(85.1) <td>(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(91.3) <td>(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(14.07) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,145 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3
					(15.6) <td>(14.2) <td>(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td></td></td>	(14.2) <td>(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td></td>	(13.7) <td>(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td></td>	(91.0) <td>(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td></td>	(92.0) <td>(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td></td>	(96.5) <td>(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td></td>	(14.50) <td>1,330 <td></td> <td>10.4 <td>5.9 </td></td></td>	1,330 <td></td> <td>10.4 <td>5.9 </td></td>		10.4 <td>5.9 </td>	5.9
					(16.0) <td>(14.6) <td>13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td></td></td>	(14.6) <td>13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td></td>	13.2 <td>(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td></td>	(91.5) <td>(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td></td>	(86.3) <td>(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td></td>	(90.4) <td>(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td></td>	(14.60) <td>1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td></td>	1,400 <td>Slight <td>11.9 <td>(6.6) </td></td></td>	Slight <td>11.9 <td>(6.6) </td></td>	11.9 <td>(6.6) </td>	(6.6)
					(15.3) <td>(14.6) <td>(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td></td></td>	(14.6) <td>(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td></td>	(13.4) <td>(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td></td>	(91.5) <td>(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td></td>	(91.5) <td>(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td></td>	(96.7) <td>(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td></td>	(14.23) <td>1,175 <td></td> <td>11.3 <td>6.6 </td></td></td>	1,175 <td></td> <td>11.3 <td>6.6 </td></td>		11.3 <td>6.6 </td>	6.6
					(15.6) <td>(14.3) <td>(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td></td></td>	(14.3) <td>(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td></td>	(13.6) <td>(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td></td>	(91.7) <td>(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td></td>	(93.8) <td>(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td></td>	(97.8) <td>(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td></td>	(14.20) <td>(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td></td>	(1,235) <td>Slight <td>10.6 <td>6.4 </td></td></td>	Slight <td>10.6 <td>6.4 </td></td>	10.6 <td>6.4 </td>	6.4
					(15.1) <td>(13.9) <td>(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td></td></td>	(13.9) <td>(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td></td>	(13.6) <td>(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td></td>	(92.1) <td>(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td></td>	(92.5) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td></td>	(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td></td>	(13.67) <td>1,120 <td></td> <td>11.7 <td>7.3 </td></td></td>	1,120 <td></td> <td>11.7 <td>7.3 </td></td>		11.7 <td>7.3 </td>	7.3
					(14.2) <td>(13.8) <td>(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td></td></td>	(13.8) <td>(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td></td>	(13.0) <td>(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td></td>	(97.2) <td>(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td></td>	(97.2) <td>(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td></td>	(94.2) <td>(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td></td>	(13.67) <td>1,120 <td></td> <td>11.3 <td>6.8 </td></td></td>	1,120 <td></td> <td>11.3 <td>6.8 </td></td>		11.3 <td>6.8 </td>	6.8
														11.8 <td>7.0 </td>	7.0
														11.8 <td>7.0 </td>	7.0
					(17.7) <td>(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td></td>	(13.5) <td>(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td></td>	(13.8) <td>(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td></td>	(76.3) <td>(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td></td>	(89.9) <td>(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td></td>	(101.5) <td>(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td></td>	(14.83) <td>1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td></td>	1,305 <td>Moderate <td>11.8 <td>6.6 </td></td></td>	Moderate <td>11.8 <td>6.6 </td></td>	11.8 <td>6.6 </td>	6.6
					(17.1) <td>(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td></td>	(13.6) <td>(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td></td>	(13.4) <td>(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td></td>	(72.5) <td>(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td></td>	(88.7) <td>(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td></td>	(99.2) <td>(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td></td>	(14.83) <td>1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td></td>	1,110 <td>Slight <td>11.4 <td>6.8 </td></td></td>	Slight <td>11.4 <td>6.8 </td></td>	11.4 <td>6.8 </td>	6.8
					(16.3) <td>(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td></td>	(13.0) <td>(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.9) <td>(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td></td>	(70.8) <td>(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td></td>	(89.8) <td>(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td></td>	(99.2) <td>(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td></td>	(14.67) <td>1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td></td>	1,025 <td>Medium <td>10.9 <td>6.3 </td></td></td>	Medium <td>10.9 <td>6.3 </td></td>	10.9 <td>6.3 </td>	6.3
					(15.7) <td>(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td></td>	(12.7) <td>(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td></td>	(12.4) <td>(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td></td>	(80.9) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td></td>	(13.70) <td>1,090 <td></td> <td>10.3 <td>6.5 </td></td></td>	1,090 <td></td> <td>10.3 <td>6.5 </td></td>		10.3 <td>6.5 </td>	6.5
					(15.2) <td>(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td></td>	(12.4) <td>(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td></td>	(13.5) <td>(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td></td>	(81.6) <td>(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td></td>	(97.8) <td>(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td></td>	(108.9) <td>(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td></td>	(13.70) <td>1,145 <td></td> <td>10.3 <td>6.3 </td></td></td>	1,145 <td></td> <td>10.3 <td>6.3 </td></td>		10.3 <td>6.3 </td>	6.3

PUYU
DEFORMED NEW MEXICO CRANIA.—FEMALE—Continued

Catalogue No.	Diam. Bizygomatic maxin. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxin.	Nasal Index	Upper Alveolar Arch, length, maxin.	Upper Alveolar Arch, breadth maxin.	Upper Alveolar Arch, <i>Upper Index</i>	Lower Jaw, height at Symphysis
2629268	11.9	100.8	60.5	1.0	2.8	9.8	74	3.4	3.4	3.4	3.5	3.5	97.1	97.1	5.0	2.4	48.0	4.9	5.9	83.1	3.2
2629281	12.0		66.7	9.5	8.0	8.8	62	3.6	3.4	3.6	3.6	3.5	100.0	97.1	4.9	2.5	51.0	5.4	5.9	91.5	3.9
2629282	12.3		68.5	9.0	7.6	8.7	65	47							4.7	2.5	53.2				
2629283	12.3		68.5	9.4	8.4	9.7	70	57	3.3	3.3	3.7	3.7	97.2	97.1	5.1	2.5	49.0	5.1	6.2	82.3	3.1
2629303	13.0		68.1	10.3	8.6	9.6	65	42	3.4	3.4	3.0	3.0	97.2	97.1	4.7	2.4	47.0				3.8
2629308	12.8		63.9	8.2	8.2	9.2	68	58	3.2	3.45	3.9	3.6	88.9	88.9	4.6	2.5	54.4	5.1	6.3	81.0	3.2
2629363	12.4		63.0	8.2	7.9	8.9	69	54	3.3	3.45	3.59	3.4	93.0	101.5	4.6	2.3	50.0	4.9	5.6	87.5	3.2
2629369	12.6		63.7	8.9	7.9	8.9	66	49	3.5	3.45	3.7	3.7	93.4	93.2	4.8	2.6	52.2	5.1	6.0	85.0	3.2
2629380	12.6		64.8	9.0	7.7	8.8	66	49	3.4	3.5	3.5	3.7	97.1	94.6	4.45	2.35	52.8	5.3	6.1	86.9	3.1
2629294	12.8		60.0	8.4	7.8	9.3	77	63	3.35	3.1	3.65	3.7	91.8	83.8	4.9	2.5	55.6	4.8	4.9	98.0	3.4
2629296	12.9		47.3	9.0	8.0	9.5	75	52	3.3	3.5	3.7	3.6	88.2	97.2	4.5	2.3	48.9	4.7	5.5	85.6	3.2
2629305	12.5		64.4	8.3	7.5	9.2	73	54	3.2	3.2	3.2	3.2	100.0	102.9	4.7	2.3	48.9	4.7	5.5	85.6	3.2
2629285	12.3		80.5	8.8	8.0	9.2	67	51	3.2	3.2	3.5	3.45	91.4	92.8	4.6	2.3	46.0	5.3	6.0	88.3	3.2
2629286	12.7		85.8	8.6	7.6	8.8	70	55	3.2	3.2	3.5	3.7	90.5	91.4	4.6	2.5	54.4	4.8	5.9	81.4	2.95
2629303	13.1		81.7	9.4	8.5	9.3	70	54	3.35	3.3	3.7	3.7	90.5	89.2	4.6	2.5	54.4	5.2	5.8	86.2	2.9
2629308	12.4		69.290	8.8	7.6	9.1			3.25	3.25	3.1	3.1	87.8	87.8	4.7	2.5	53.2	5.0	5.8	86.2	3.6
2629286	12.8		64.6	9.7	8.3	9.5	67	51	3.4	3.6	3.7	3.7	89.9	97.9	4.7	2.6	52.0	5.5	6.3	87.3	3.8
2629298	13.0		87.0	9.3	8.0	9.1	67	50	3.3	3.5	3.7	3.8	88.2	92.1	5.0	2.6	52.0	5.2	6.2	83.9	3.3
2629252	13.1		54.2	9.3	8.0	9.1	67	50	3.3	3.5	3.7	3.8	88.2	92.1	5.0	2.6	52.0	5.2	6.2	83.9	3.3
2629318	13.0		61.2	9.3	8.0	9.1	67	50	3.3	3.5	3.7	3.8	88.2	92.1	5.0	2.6	52.0	5.2	6.2	83.9	3.3
2629304	12.9		51.9	9.3	8.1	9.5	70	54	3.4	3.4	3.7	3.7	91.9	91.9	4.9	2.5	51.0	5.4	6.1	88.5	2.7
2629305	13.2		52.8	9.1	7.8	8.8	67	48	3.3	3.4	3.6	3.6	96.8	91.9	4.6	2.4	52.9	5.4	6.1	88.5	2.7
2629351	12.5		52.0	9.1	7.8	8.8	67	48	3.5	3.6	3.6	3.5	97.2	102.9	4.45	2.6	58.4	5.2	6.2	83.9	2.7
2629303	12.5		63.2	9.2	8.0	9.1	68	48	3.3	3.45	3.75	3.5	88.0	93.6	4.8	2.4	60.0	5.3	6.3	84.1	3.2
2629303	12.8		63.0	8.2	8.1	9.7	71	56	3.3	3.45	3.7	3.8	94.6	94.7	4.9	2.6	53.1	5.0	6.2	80.7	3.2
2629303	12.4		63.7	8.9	7.9	8.9	66	49	3.3	3.45	3.7	3.6	89.2	89.2	4.7	2.4	51.1	5.0	6.3	79.4	3.1
2629304	13.1		61.2	8.8	7.8	9.0	70	50	3.3	3.3	3.6	3.6	91.8	91.8	5.0	2.7	54.0	5.8	5.9	98.5	3.1
2629277	12.9		61.2	8.9	7.7	9.4	72	49	3.35	3.35	3.9	3.9	89.7	89.7	5.0	2.6	52.0	5.2	6.0	86.7	3.1
2629326	12.6		63.6	8.9	7.7	9.4	72	49	3.5	3.5	3.9	3.9	89.7	89.7	4.5	2.4	53.3	5.2	6.0	86.7	3.4

OTHER TEWA AND MISCELLANEOUS

Number of skulls	(14)	(15)	(17)	(18)	(18)	(16)	(16)	(16)	(18)	(19)	(20)	(18)	(27)	(27)	(27)	(27)	(21)	(20)
229024																		
229071	12.9	19.6	9.6	8.4	3.1	3.05	3.55	3.55	60.45	72.55	87.8	85.9	4.6	2.5	54.4	6.4	82.8	
229072	13.1	51.9	9.5	8.4	3.5	3.6	3.7	3.6	3.75	3.7	96.0	97.3	4.8	2.5	52.1	6.2	83.9	
229073	12.3	66.3	9.5	8.4	3.3	3.2	3.5	3.5	3.9	3.5	89.7	91.4	4.65	2.2	47.3	5.1	86.4	
229074	12.8	51.6	10.1	8.8	3.15	3.45	3.65	3.65	3.65	3.5	94.3	91.4	4.8	2.9	60.3	6.5	84.6	
229075					3.35	3.45	3.45	3.45	3.45	3.45	86.3	97.1	4.9	2.3	46.9	6.1	90.2	
271912			10.3	8.7	10.0	68	45						4.9	2.7	55.1	6.3	85.7	
271913	12.4	51.6	8.6	7.6	3.4	3.4	3.6	3.5	3.6	3.5	94.4	97.1	4.9	2.6	53.1	6.1	75.4	
271914			8.7	7.8	3.5	55	55		3.65	3.7	92.1	98.7	4.8	2.6	54.2	6.0	70.7	
271915	13.5	49.6	9.9	8.6	3.65	49	49		3.65	3.65	100.0	100.0	4.7	2.45	52.1	6.3	88.9	
271916										4.1	87.5	87.8	5.5	2.6	47.8	6.4	82.8	
271917	13.1	58.8	9.6	8.5	3.5	65	55		3.3	3.65	90.4	90.4	4.8	2.6	54.2	6.1	85.3	
271918	13.2	49.2	9.6	8.8	3.4	59	59		3.6	3.7	91.9	97.5	4.9	2.4	49.0	6.0	83.3	
271919	12.8	78.1	9.5	8.6	3.4	53	53		3.5	3.9	82.5	89.7	4.9	2.55	52.0	6.1	85.3	
271920	13.4	56.0	9.1	7.8	3.3	54	54		3.5	4.0			4.9	2.55				
271921																		
271922	13.3	79.7	9.2	8.0	3.35	71	64		3.45	3.7	90.5	95.8	4.85	2.65	54.6	6.3	84.1	
271923	(13.5)	(52.6)	9.2	8.0	3.45	64	64		3.4	3.6	90.8	94.4	4.0	2.9	53.1	6.3	82.5	
271924	12.7	53.5	9.6	8.0	3.45	43	43		3.2	3.6	91.7	91.4	4.75	2.3	48.4	5.9	84.8	
271925	12.7	57.5	9.3	8.3	3.65	58	58		3.6	3.55	102.8	102.9	5.1	2.35	46.1	6.0	98.3	
271926									3.2	3.5	94.3	91.4	4.75	2.25	47.4	5.6	90.3	
271927	13.1	51.9	9.4	7.6	3.4	65	65		3.2	3.6	94.3	94.3	4.7	2.55	54.3	6.4	88.3	
271928	12.0	55.8	9.4	8.9	3.3	38	38		3.25	3.5	94.2	94.2	4.75	2.5	52.6	6.4	85.9	
271929	12.6	54.8	9.7	8.2	3.3	46	46		3.3	3.45	88.0		4.7	2.45	52.1	6.2	88.7	
269249			(9.6)	(9.1)														
269250	13.4	80.6	9.1	8.0	3.35	71	53		3.3	3.8	88.2	86.8	4.3	2.7	62.8	6.3	82.5	
269303	13.7	86.1	(9.7)	(8.5)	3.2	(70)	(55)		3.3	3.7	86.5	89.2	4.8	2.4	50.0	6.4	82.8	
228227	3 (13.4)	(51.5)	9.3	7.8	3.55	60	46		3.6	3.8	93.4		4.85	2.65	54.6	6.4	81.3	
228230	12.8	53.1	9.3	8.0	3.5	70	53.1		3.6	3.4	100.0	105.9	4.75	2.55	53.7	5.5	88.7	
228229	12.8	52.3	9.3	8.0	3.3	68	46		3.2	3.55	93.0	87.7	4.5	2.45	51.1	5.3	88.3	
228907	3 (13.0)	(58.9)	9.7	8.2	3.3	(81)	(68)		3.3	3.55	93.0	93.0	4.4	2.4	51.5	6.0	88.3	
228927						65	43		3.3	3.5	91.3	97.1	4.75	2.5	52.6	5.9	89.8	
228226						43	43		3.45	3.8	92.7	98.2	4.75	2.4	50.5	5.0	89.3	
228276	11.8	56.8	9.0	7.9	3.25	70	54		3.2	3.45	94.2	95.6	4.6	2.05	44.6	5.6	89.3	

* Near.

PUEBLOS—Continued
DEFORMED NEW MEXICO CRANIA.—FEMALE—Continued
OTHER TEWA AND MISCELLANEOUS—Continued

Catalogue No.	Diam. Bizygomatic	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length, maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	
327067				9.6	8.5	9.9	71°	55	3.2	3.35	3.7	3.6	86.5	93.1	4.9	2.5	51.0	5.2	5.8	89.7	3.7	
327116	13.0		49.2	9.4	8.6	10.0	76	41	(3.6)	(3.7)	(3.9)	(3.7)	(92.3)	(100.0)	4.6	2.5	54.7					
327125	12.7		(7.7)	(8.1)	(7.7)	(9.1)	(71)	(52)	3.5	3.4	3.8	3.6	92.1	94.4	4.5	2.6	53.1					
327070			(8.7)	(7.5)	(9.1)				3.5	3.05	3.8	3.8	92.1	96.1	4.7	2.5	55.2	4.8			3.3	
331212						9.4			3.3		3.7		89.2									
327140						9.6	74	56	3.45	3.6	3.9	3.85	88.5	93.5	5.2	2.3	44.2	5.1	6.9	78.9		
324684	12.7	85.0	52.8	9.0	8.1	9.6			3.5	3.45	3.8	3.7	92.1	94.6	4.9	2.4	49.0	6.0	6.0	81.7	3.1	
243501	13.8		50.7	9.8	8.6	9.9	70	51	3.4	3.35	3.9	3.9	87.2	85.9	5.05	2.55	50.5	5.2	6.3	82.5		
314272	13.0	76.2	45.5	8.9	7.7	9.2	72	50	3.4	3.4	3.7	3.7	91.9	91.9	4.4	2.4	54.6	5.2	6.2	83.9	2.85	
314271	(13.4)				7.6	9.0			3.4	3.45	3.9	3.8	87.2	90.8	4.55	2.5	55.0					
227411	13.0	88.5	55.4	9.6	8.4	9.2	65	54	3.35	3.2	3.5	3.5	95.7	91.4	4.9	2.5	51.0	5.2	6.3	82.5	3.4	
339697	12.8	85.9	58.9	9.6	8.3	9.8	71	50	3.4	3.45	3.7	3.7	91.9	93.2	4.85	2.6	53.6	5.2	6.7	77.6	3.0	
286301	11.7	98.2	58.0	8.5	7.5	9.2	76	54	3.3	3.25	3.4	3.4	97.1	95.6	4.4	2.1	47.7				3.2	
317163	12.5	83.2	52.8	9.3	8.1	9.4	70	49	3.45	3.45	3.8	3.7	90.8	98.2	4.75	2.35	49.5	5.2	5.9	88.1	2.9	
317185	(13.4)	(82.3)	(53.0)	(9.2)	(8.0)	(10.0)	(74)	(55)	3.5	3.5	3.9	3.8	89.7	92.1	4.7	2.2	46.8	5.0	6.0	83.9	3.3	
Number of skulls	(30)	(23)	(29)	(32)	(35)	(37)	(32)	(31)	(42)	(37)	(42)	(37)	(42)	(57)	(44)	(44)	(44)	(36)	(35)	(35)	(31)	
Totals	385.6			300.9	286.3	351.0			123.55	134.7	153.15	134.7			210.15	108.65		187.3	216.4		100.15	
Averages	12.86	82.89	52.61	9.40	8.18	9.49	70	51	3.49	3.40	3.69	3.64	91.78	93.45	4.78	2.47	51.70	5.21	6.18	84.55	3.33	
Minima	11.7	76.2	46.3	8.5	7.5	8.9	64	38	3.1	3.05	3.4	3.35	82.6	85.9	4.3	2.05	44.2	4.6	3.6	73.9	2.7	
Maxima	13.8	95.8	63.8	10.3	8.8	10.0	76	61	3.65	3.65	4.0	4.1	102.8	105.9	5.5	2.9	62.8	5.6	6.9	93.3	3.7	

OLD ŽUŇI

308607	13.4	88.1	56.7	10.0	8.7	10.0	68	52	3.35	3.3	3.7	3.6	30.5	91.7	4.5	2.5	55.6	5.7	6.6	98.4	3.3
314318	12.4	87.9	50.8	9.0	8.0	9.0	68	49	3.3	3.4	3.6	3.6	3.6	91.7	4.8	2.5	47.2	4.9	6.2	79.0	3.2
326193	12.5	82.4	52.0	9.0	7.9	8.9	68	48	3.35	3.25	3.4	3.5	3.5	92.9	4.6	2.5	47.9	4.9	6.2	87.5	3.2
308633	12.5	82.4	52.0	9.0	7.9	8.9	68	48	3.35	3.25	3.4	3.5	3.5	92.9	4.6	2.5	47.9	4.9	6.2	87.5	3.2
308644	12.5	82.4	52.0	9.0	7.9	8.9	68	48	3.35	3.25	3.4	3.5	3.5	92.9	4.6	2.5	47.9	4.9	6.2	87.5	3.2
332499	12.3	85.7	52.0	10.4	8.3	9.4	70	51	3.4	3.4	3.6	3.6	3.6	91.4	4.95	2.7	54.6	5.6	6.7	83.6	3.1
308622	12.3	85.7	52.0	10.4	8.3	9.4	70	51	3.4	3.4	3.6	3.6	3.6	91.4	4.7	2.5	52.2	5.0	6.7	83.6	3.1
311284	12.0	90.0	57.5	9.3	8.6	9.3	65	52	3.5	3.5	3.8	3.8	3.8	92.1	4.7	2.2	46.8	5.0	5.0	89.5	3.0
308649	12.0	90.0	57.5	9.3	8.6	9.3	65	52	3.5	3.5	3.8	3.8	3.8	92.1	4.7	2.2	46.8	5.0	5.0	89.5	3.3
314309	12.0	86.7	49.2	9.2	7.9	9.2	74	55	3.5	3.6	3.8	3.8	3.8	91.9	4.9	2.5	51.0	4.7	6.1	77.5	3.9
308611	12.0	86.7	49.2	9.2	7.9	9.2	74	55	3.5	3.6	3.8	3.8	3.8	91.9	4.9	2.5	51.0	4.7	6.1	77.5	3.9
308741	13.2	90.2	(50.0)	9.3	8.4	9.5	71	53	3.3	3.45	3.8	3.65	3.65	83.2	4.3	2.4	55.6	4.5	6.1	73.3	2.9
308618	13.1	86.3	(50.4)	9.0	7.7	8.9	68	46	3.4	3.5	3.75	3.7	3.7	84.6	4.5	2.5	55.6	5.1	6.1	83.6	3.0
308679	(13.3)	(79.7)	(48.1)	9.0	7.1	8.9	71	55	3.5	3.6	3.9	3.8	3.8	90.7	4.7	2.6	55.5	5.1	6.7	76.1	3.5
308723	13.4	86.7	49.2	9.0	7.1	8.9	71	55	3.5	3.4	3.9	3.8	3.8	89.7	4.6	2.6	56.5	5.2	6.3	82.5	3.4
308635	13.4	86.7	49.2	9.0	7.1	8.9	71	55	3.5	3.4	3.9	3.8	3.8	89.7	4.6	2.6	56.5	5.2	6.3	82.5	3.4
308642	13.4	86.7	49.2	9.0	7.1	8.9	71	55	3.5	3.4	3.9	3.8	3.8	89.7	4.6	2.6	56.5	5.2	6.3	82.5	3.4
314282	13.4	86.7	49.2	9.0	7.1	8.9	71	55	3.5	3.4	3.9	3.8	3.8	89.7	4.6	2.6	56.5	5.2	6.3	82.5	3.4
Number of skulls	(8)	(8)	(7)	(14)	(11)	(14)	(11)	(10)	(14)	(16)	(13)	(16)	(15)	(15)	(15)	(15)	(15)	(14)	(14)	(13)	(17)
Totals	100.9	86.92	52.68	129.4	89.4	129.4	69	51	47.05	54.2	49.15	59.4	88.61	70.85	37.0	37.0	58.07	71.4	87.2	82.58	55.7
Averages	12.61	86.92	49.2	9.24	7.1	8.13	69	51	3.36	3.59	3.78	3.71	3.71	91.25	4.72	2.51	52.07	5.10	6.28	79.8	3.28
Minima	12.0	82.4	49.2	8.4	7.1	8.4	65	46	3.0	3.2	3.4	3.5	3.5	79.0	4.3	2.2	46.8	4.5	5.6	73.8	2.8
Maxima	13.4	90.2	57.5	10.4	9.0	10.4	74	55	3.5	3.6	4.0	4.0	4.0	98.5	5.3	2.7	56.5	5.7	6.7	93.4	3.9

1 Near.

PUEBLOS—Continued
DEFORMED ARIZONA CRANIA.—FEMALE—Continued
SALT RIVER

Catalogue No.	Collection	Locality	Age of subject	Deformation	Diam. antero-posterior max. (gabella ad max.)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
239500	Hemenway	Salt River	Adult	Moderate lateral	(16.7)	(13.0)	(13.7)	(77.8)	(92.3)	(105.4)	14.47	1,215			6.7
239294	do	do	do	Pronounced	(16.5)	(13.0)	(13.6)	(78.8)	(92.2)	(108.0)	14.37	(1,130)			6.7
239557	do	do	do	Medium lateral	(16.3)	(13.2)	(13.2)	(81.7)	(88.6)	(96.5)	14.33	1,175			7.0
239438	do	do	do	Slight	(16.4)	(14.0)	(14.0)	(82.4)			14.43	1,175			6.7
239209	do	do	do	Slight lateral	(17.0)	(13.5)	(13.6)	(83.3)	(91.6)	(100.7)	14.43	(1,120)			7.0
238712	do	do	do	Moderate	(16.2)	(13.2)	(14.5)	(83.5)	(100.0)	(109.8)	14.90	1,205			7.0
239513	do	do	do	Pronounced	(15.8)	(13.2)	(13.8)	(83.9)	(89.3)	(97.9)	14.90	1,205			7.0
239534	do	do	do	do	(16.8)	(14.1)	(13.8)	(84.7)	(93.6)	(102.2)	14.43	1,140	Considerable	11.6	7.1
239688	do	do	do	Moderate lateral	(16.3)	(13.5)	(13.8)	(84.7)			15.03	1,215			7.1
239351	do	do	do	Pronounced	(16.0)	(13.8)	(14.8)	(84.8)	(97.7)	(106.5)	15.03	1,375			6.9
239314	do	do	do	do	(16.4)	(13.9)	(13.6)	(86.0)	(91.9)	(100.0)	14.40	1,260	Considerable	11.3	7.0
239474	do	do	do	do	(16.0)	(13.6)	(13.4)	(85.0)	(90.5)	(98.5)	14.33	1,210	do	11.6	6.7
239006	do	do	do	Moderate	(16.2)	(13.8)	(13.8)	(85.2)	(92.0)	(100.0)	14.60	1,210			7.0
239086	do	do	do	Moderate lateral	(16.0)	(14.1)	(14.5)	(85.6)	(94.8)	(102.8)	15.03	1,340	Considerable	12.0	7.0
239377	do	do	do	Pronounced	(16.6)	(14.3)	(14.5)	(86.1)			14.00	1,110			7.0
239616	do	do	do	do	(16.3)	(13.2)	(13.5)	(86.9)	(91.7)	(102.9)	14.60	1,255			7.0
239622	do	do	do	Moderate	(16.2)	(14.0)	(13.2)	(86.6)	(90.1)	(97.1)	14.60	1,195			7.0
239528	do	do	do	Medium lateral	(16.4)	(14.2)	(13.2)	(86.6)	(86.3)	(93.0)	14.60	1,195			7.0
239469	do	do	do	Pronounced	(16.0)	(13.9)	(13.8)	(87.4)	(88.7)	(95.2)	14.97	1,385			6.9
239596	do	do	do	do	(16.0)	(14.5)	(13.8)	(87.4)			13.13	1,385			7.1
239731	do	do	do	do	(16.8)	(14.8)	(13.8)	(88.1)	(87.5)	(93.2)	13.17	1,210			7.1
239699	do	do	do	do	(15.2)	(13.4)	(13.9)	(88.2)	(97.2)	(103.7)	14.17	1,200			6.9
239279	do	do	do	do	(16.2)	(14.3)	(13.9)	(88.5)	(91.1)	(97.2)	14.80	1,405			6.9
239252	do	do	do	do	(16.5)	(14.6)	(13.9)	(88.5)	(85.4)	(95.2)	15.00	1,405			6.9
239202	do	do	do	do	(15.1)	(13.4)	(14.5)	(88.7)	(101.8)	(108.2)	14.33	1,070	Considerable	11.1	7.1
239695	do	do	do	Moderate lateral	(15.2)	(13.5)	(13.3)	(88.8)	(92.7)	(98.5)	14.00	1,135			6.9
239504	do	do	do	Pronounced	(15.0)	(13.9)	(13.6)	(89.1)	(92.2)	(97.8)	14.37	1,215			7.0
239681	do	do	do	Medium lateral	(16.2)	(14.5)	(14.2)	(89.5)	(92.5)	(97.9)	14.97	1,250			7.0
239465	do	do	do	Pronounced	(16.3)	(14.6)	(14.0)	(89.6)	(90.6)	(96.9)	14.97	1,255			7.5
239518	do	do	do	do	(16.3)	(14.6)	(13.9)	(90.0)	(91.5)	(96.5)	14.77	1,330			7.1
239690	do	do	do	do	(16.4)	(14.8)	(13.9)	(90.2)			14.77	1,330			7.1

239537	do	do	(15.8)	(14.3)	(14.8)	(90.5)	(98.3)	(105.5)	14.97	1,335	6.8	
239599	do	do	(15.0)	(13.6)	(13.2)	(90.7)	(92.5)	(97.1)	13.93	1,055	7.1	
239568	do	do	(15.3)	(13.9)	(14.0)	(90.5)	(90.7)	(100.7)	14.40	1,200	7.9	
239496	do	do	(15.4)	(14.0)	(13.8)	(90.9)	(93.9)	(98.6)	14.40	1,190	7.2	
239634	do	do	(16.4)	(15.0)	(13.6)	(91.5)	(86.6)	(90.7)	15.00	6.6	6.6	
239713	do	do	(16.2)	(14.9)	(13.7)	(92.0)	(88.1)	(92.0)	14.93	21,275	6.0	
239569	do	do	(16.2)	(14.9)	(12.9)	(92.2)	(87.2)	(90.9)	14.17	1,360	6.9	
239623	do	do	(15.8)	(14.2)	(13.6)	(92.4)	(89.5)	(93.2)	14.67	2	6.2	
239413	do	do	2(16.0)	(14.0)	(13.6)	(93.1)				2	7.3	
239536	do	do	(15.1)	(14.1)	(14.6)	(93.4)	(100.0)	(103.6)	14.00	1,220	Considerable	
239203	do	do	(13.3)	(13.3)	(13.9)	(93.5)	(92.9)	(97.2)	14.30	1,263	11.7	
239204	do	do	(13.4)	(13.3)	(13.5)	(93.5)	(90.6)	(97.8)	14.43	1,200	11.8	
239577	do	do	(13.7)	(14.7)	(14.1)	(93.6)	(92.8)	(97.9)	14.83	2	7.5	
239512	do	do	(13.7)	(14.7)	(13.6)	(92.8)	(92.8)	(97.9)	14.83	2	6.85	
239215	do	do	(14.9)	(14.0)	(13.6)	(94.0)	(94.1)	(97.1)	13.17	1,170	7.2	
239211	do	do	(16.0)	(15.1)	(14.4)	(94.4)						
239293	do	do	(14.8)	(14.0)	(13.8)	(94.6)	(95.8)	(98.6)	14.20	1,200	2 6.7	
239563	do	do	(15.6)	(14.5)	(15.5)	(95.5)			2	1,280	6.9	
239295	do	do	(14.8)	(14.2)	(13.3)	(96.0)	(91.7)	(93.7)	14.10	1,145	6.8	
239299	do	do	(14.8)	(14.3)	(12.3)	(96.6)	(82.8)	(83.7)	14.00	2	1,200	6.4
239515	do	do	(15.0)	(14.7)	(14.8)	(97.0)	(97.4)		15.00	2	7.6	
239616	do	do	(15.0)	(15.2)	(13.0)	(101.3)	(98.0)	(97.4)	11.6	7.1	7.1	
239530	do	do	(15.0)	(12.4)			(104.8)		11.1	2	6.3	
239659	do	do							Considerable			
239633	do	do							Considerable			
239258	do	do							Considerable			
239512	do	do	(15.7)	(14.3)	(14.0)				11.4	6.6	7.2	
239610	do	do							2 6.7	7.0	7.0	
239546	do	do							7.0			
239621	do	do			(12.8)				7.0			
Number of skulls												
Totals									(43)	(42)	(46)	
Averages									625.80	51,715	318.65	
Minima									14.55	1,231	6.93	
Maxima									15.93	1,055	6.2	
									15.13	1,465	7.6	

OLD HOPI

156324	J. W. Fewkes	Awatobi	(17.2)	(14.2)	(12.8)	(82.6)	(81.5)	(90.1)	14.73	2 1,310	6.6
177932	do	do	(13.8)	(14.0)	(88.6)				1.115	1,115	
156321	do	Sikyatki	(16.6)	(14.4)	(86.8)	(87.7)	(94.4)		14.87	2 1,310	7.2
Number of skulls											
Totals									(2)	(3)	(2)
Averages									29.60	3,735	13.8
Minima									14.80	1,245	6.9
Maxima									14.73	1,115	6.6
									14.87	1,310	7.2

1 Near.

PUEBLOS—Continued
 DEFORMED ARIZONA CRANIA.—FEMALE—Continued

ELDEN

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maximum (glabella and maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Men-ton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
336620	J. W. Fewkes	Elden	35	Slight	(16.2)	(13.4)	(13.4)	(62.7)	(92.4)	(100.0)	14.13	(1,230)	No wear	10.7	6.9
336619	do	do	35	Moderate	(13.6)	(13.4)	(13.4)	(65.9)	(91.6)	(96.0)	15.07	1,230	do	11.5	6.6
339719	do	do	25	Pronounced	(16.2)	(14.8)	(14.2)	(91.4)	(97.4)	(96.0)	15.07	1,350	do	10.8	7.0
339720	do	do	25	Pronounced lateral	(15.6)	(14.4)	(13.8)	(92.8)	(92.0)	(95.8)	14.00	1,350	do	11.8	6.5
339720	do	do	23	Moderate	(15.1)	(14.5)	(14.5)	(96.0)	(96.0)			1,350	do	11.8	7.1
339728	do	do	40										do	12.8	7.9
Number of skulls															
Totals															
Averages															
Minima															
Maxima															
								(62.7)	(92.4)	(100.0)	43.80	(3)		57.6	(6)
								(65.9)	(91.6)	(96.0)	14.80	3,950		42.0	
								(91.4)	(97.4)	(96.0)	14.13	1,517		11.52	7.00
								(92.8)	(92.0)		15.07	1,250		10.7	6.5
								(96.0)	(96.0)		15.07	1,350		12.8	7.9

CHAVES PASS

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maximum (glabella and maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Men-ton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
158016	J. W. Fewkes	Chaves Pass	30	Slight	(16.6)	(13.4)	(14.2)	(80.7)	(94.7)	(105.0)	14.73	1,370	Irregular		7.0
158118	do	do	55	Moderate	(16.2)	(13.4)	(12.9)	(84.6)	(86.5)	(94.2)	14.27	1,300			6.3
157682	do	do	35	Medium	(15.8)	(13.4)	(13.1)	(87.6)	(89.7)	(97.8)	14.10	1,145			6.7
157666	do	do	40	Moderate	(16.2)	(13.8)	(13.4)	(85.2)	(89.5)	(97.1)	14.47	1,150			6.8
157689	do	do	50	do	(16.2)	(14.0)	(14.5)	(86.4)	(96.0)	(103.6)	14.90	1,350	Medium		7.2
157687	do	do	60	do	(16.0)	(13.9)	(13.3)	(86.9)	(89.0)	(95.7)	14.40	1,255			
158113	do	do	55	Medium	(15.9)	(13.9)	(14.2)	(87.4)	(95.3)	(102.2)	14.67	1,300			7.0
158047	do	do	70	Medium lateral	(15.4)	(13.5)	(12.7)	(87.7)	(87.9)	(94.1)	13.87	1,155			
157699	do	do	55	Medium	(15.5)	(13.6)	(13.8)	(87.7)	(94.9)	(101.5)	14.30	1,130			
157676	do	do	25	do	(16.0)	(14.3)	(13.4)	(89.4)	(88.5)	(98.5)	14.57	(1,290)			6.8
158108	do	do	40	Pronounced	(13.5)	(13.9)	(13.8)	(89.7)	(93.0)	(99.3)	14.40	1,270			7.2
157672	do	do	40	Pronounced	(13.6)	(14.0)	(13.6)	(89.7)	(91.9)	(97.1)	14.40	1,260			7.1
157654	do	do	30	Moderate	(13.6)	(14.8)	(12.6)	(91.2)	(83.7)	(92.7)	13.67	1,065	No wear		7.1
158111	do	do	35	Medium	(13.1)	(14.0)	(14.0)	(92.7)	(83.7)	(92.7)	13.67	1,210			7.3

PETRIFIED FOREST

157669	do	25	(15.6)	(14.6)	(12.8)	(98.6)	(84.8)	(87.7)	14.33	1,310	7.4
157673	do	30	(15.2)	(14.6)	(13.2)	(96.1)	(83.6)	(90.4)	14.33	1,220	6.8
158045	do	40	(13.8)	(13.8)	(13.1)			(94.9)			6.9
Number of skulls.											
Totals									(15)	(15)	(14)
Averages									215.41	18,550	97.2
Minima									14.36	1,237	6.94
Maxima									13.67	1,065	6.3
									14.50	1,370	7.4

PETRIFIED FOREST

213346	W. Hough	50	(16.8)	(14.4)	(13.0)	(85.7)	(83.3)	(90.3)	14.73	1,400	Medium	11.1	6.8
213323	do	45	(16.1)	(14.1)	(13.6)	(87.6)	(90.1)	(96.5)	14.60	1,210	Moderate	11.7	7.1
213340	do	35	(15.7)	(14.2)	(13.6)	(90.4)	(91.0)	(96.8)	14.50	1,250	No wear	10.8	6.7
213342	do	25	(15.3)	(14.4)	(13.6)	(94.1)	(91.6)	(94.4)	14.43	1,300	Moderate	11.1	7.0
213331	do	40	(15.0)	(14.2)	(13.3)	(94.7)	(91.1)	(98.7)	14.17	1,170	Slight	11.3	6.7
213338	do	30	(15.3)	(14.6)	(13.9)	(95.4)	(93.0)	(95.2)	14.00				
Number of skulls.													
Totals									(6)	(5)	(5)		
Averages									87.03	6,370		56.0	34.3
Minima									14.51	1,274		11.20	6.86
Maxima									14.17	1,170		10.8	6.7
									14.73	1,400		11.7	7.1

MISCELLANEOUS

177878	J. W. Fewkes	35	(16.2)	(13.7)	(13.9)	(84.6)	(93.0)	(101.5)	14.67	1,340	Slight	11.4	6.6
177877	do	45	(16.1)	(13.9)	(13.8)	(86.3)	(93.9)	(100.7)	14.40	1,180	No wear	11.1	6.9
177852	do	25	(15.7)	(13.7)	(13.9)	(90.4)	(93.6)	(98.6)	14.53	1,250	do	11.7	6.8
177829	do	25	(15.6)	(14.1)	(13.9)	(92.0)	(94.4)	(98.6)	14.13	1,195		6.8	6.8
177876	do	40	(14.8)	(13.8)	(14.3)	(98.7)	(97.3)	(98.0)	14.57	1,280		7.0	7.0
177871	do	40	(14.8)	(14.6)	(14.3)	(100.0)	(98.0)	(98.0)	14.50				
176944	do	30	(16.0)	(13.8)	(13.6)	(86.3)	(91.8)	(98.6)	14.47	1,625			
176946	do	60	(16.0)	(14.4)	(14.4)	(90.6)	(94.4)	(99.3)	14.67	1,310			
176940	do	35	(15.3)	(14.1)	(14.2)	(92.2)	(96.6)	(100.7)	14.53	1,180	No wear	11.6	7.0
176943	do	55	(15.0)	(14.4)	(13.8)	(96.0)	(93.9)	(95.8)	14.40	1,145		7.0	7.0
176951	do	55	(15.5)	(15.0)	(13.2)	(96.8)	(86.6)	(88.0)	14.57	1,550			
176945	do	24	(14.6)	(14.6)	(14.3)	(100.0)	(98.0)	(98.0)	14.50		No wear	11.4	7.0
213287	W. Hough	30	(17.2)	(14.0)	(14.2)	(81.4)	(91.0)	(101.4)	15.13	1,470			7.6
213290	do	35	(16.9)	(15.0)	(14.0)	(88.3)	(87.8)	(93.3)	15.30	1,475			6.9
213294	do	25	(15.5)	(13.8)	(12.5)	(89.0)	(85.3)	(90.6)	13.93	1,170			6.7
213289	do	32	(15.1)	(13.6)	(13.7)	(90.1)	(95.5)	(100.7)	14.13	1,150			7.0
213298	do	23	(15.4)	(14.0)	(14.0)	(90.9)	(96.2)	(100.0)	14.47	1,270			7.3

1 Near.

PUEBLOS—Continued
 DEFORMED ARIZONA CRANIA.—FEMALE—Continued
 MISCELLANEOUS—Continued

Catalogue No.	Collection	Location	Approximate age of subject	Deformation	Diam. antero-posterior maxium. (glabella ad maxium)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
246971	W. Hough	Graham Co.	60	Considerable	(16.2)	(14.1)	(13.6)	(87.0)	(89.8)	(96.5)	14.63	1,230	Slight	12.2	7.9
246992	do.	do.	30	do.	(16.2)	(14.6)	(14.0)	(90.1)					No wear	12.1	7.1
246997	do.	do.	23	do.	(15.4)	(14.8)	(14.0)	(96.1)	(92.7)	(97.6)	14.73	1,230	do.	11.8	7.0
246980	do.	do.	25	do.		(14.4)	(13.0)		(90.5)				do.	11.1	6.8
216994	do.	do.	35	do.									do.	11.6	7.1
270461	J. W. Fewkes	Black Falls	60	do.	(15.4)	(13.4)	(13.2)	(87.0)	(91.7)	(98.5)	14.00	1,175			
270464	do.	do.	40	do.	(15.6)	(14.0)	(13.4)	(89.7)	(90.5)	(95.7)	14.33	1,200			7.9
270466	do.	do.	25	do.	(14.9)	(13.7)	(13.5)	(92.0)	(91.4)	(98.5)	14.03	1,200	No wear	11.6	6.9
270467	do.	do.	25	do.	(15.3)	(14.2)		(92.8)					do.	11.1	6.6
243906	G. M. Brayton	Camp Verde	45	Medium	(16.4)	(14.0)	(13.8)	(85.4)	(90.8)	(98.6)	14.73	1,375	Slight	11.8	7.3
243907	do.	do.	25	do.	(15.6)	(13.7)	(13.9)	(87.8)	(94.9)	(101.5)	14.40	1,200			7.0
234905	C. H. Campbell	do.	50	do.	(15.3)	(13.8)	(13.1)	(90.2)	(90.0)	(94.5)	14.07	1,235			6.9
157453	J. W. Fewkes	Cheyron	50	Moderate	(16.1)	(14.0)	(12.9)	(87.0)	(85.7)	(92.1)	14.33	1,130			7.0
157290	do.	do.	35	do.	(15.6)	(14.0)	(13.2)	(89.7)	(80.2)	(94.5)	14.27	1,240			
329776	M. N. Perkins	Perkinsville	25	Medium	(16.8)	(14.1)	(12.3)	(83.9)	(79.6)	(87.0)	14.40	1,180	No wear	11.2	6.9
254563	J. W. Fewkes	Casa Grande	Young Adult	Slight	(16.1)	(13.6)	(13.6)	(84.5)	(91.6)	(100.0)	14.43				
229363	F. M. Palmer	Canyon del Muerte	30	Moderate	(15.9)	(13.8)	(13.3)	(86.8)	(89.6)	(96.4)	14.33	1,295	No wear	11.6	7.0
317700	H. A. Hughes	Near Phoenix	30	Medium	(15.5)	(13.7)	(13.8)	(88.4)	(94.5)	(100.7)	14.33	1,180			6.7
243938	H. C. Hodge	Chind Valley	55	Considerable	(13.6)	(14.2)	(13.5)	(91.0)	(90.6)	(95.1)	14.43	1,165			
213225	W. Hough	Showlow	30	Medium	(13.3)	(14.0)	(14.0)	(91.5)	(93.6)	(100.0)	14.43	1,320	No wear	11.2	6.8
213324	do.	Linden	45	do.	(16.2)	(14.9)	(14.4)	(92.0)	(92.6)	(96.6)	13.77	1,340	Slight	11.5	7.0
243955	J. C. Mc Kee	Frescut	50	Considerable	(15.2)	(14.0)	(13.6)	(93.2)	(93.2)	(97.1)	14.27	1,120			
259201	Hemenway	Pescado Valley	Adult	Moderate lateral	(14.9)	(14.4)	(13.8)	(96.6)	(94.2)	(95.8)	14.37	1,320	Considerable	10.6	

Number of skulls.....	(35)	(31)	(19)	(31)
Totals.....	506.31	38,883	219.3	217.7
Averages.....	14.47	1,263	11.54	7.02
Minima.....	13.93	1,120	10.6	6.6
Maxima.....	13.30	1,475	12.7	7.9

SALT RIVER

Catalogue No.	Diam. Bizygomatic	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
239600	13.1			2 (9.3)		(9)			3.35	3.4	3.3	3.7	88	91.0	4.85	2.5	2.5	5.3	3.7	93.0	
239264	12.3			3 (9.7)		9.2		3.65	3.4	3.7	3.85	3.7	94.8	93.2	4.7	2.8	52.8	3.7	6.3	81.0	
239557	12.0			3 (9.9)		9.7	65	3.35	3.25	3.5	3.5	3.6	92.7	92.9	5.0	2.3	50.0	3.1	6.45	83.3	
239438	12.3			3 (9.8)		9.7	68	3.35	3.0	3.6	3.7	3.7	92.4	97.3	3.05	2.2	43.6	3.1	6.0	83.0	
239209	11.8			3 (9.7)		9.7		3.65	3.65	3.95	3.7	3.55	93.2	98.7	3.1	2.7	52.9	3.1	6.0	83.0	
239712	12.4			10.3		9.8	66	3.45	3.4	3.7	3.7	3.7	93.2	96.8	4.75	2.5	52.6	3.7	(5.7)	(100.0)	
239513				2 (9.1)		(8.2)		3.6	3.6	3.7	3.7	3.7	97.3	97.3	4.9	2.5	51.0	5.4	6.5	83.1	
237688	12.1	95.9	53.7	2 (9.7)		(9.3)	(70)	3.6	3.6	3.7	3.7	3.7	97.3	97.3	4.9	2.5	51.0	5.4	6.5	83.1	
239351	12.2			2 (9.1)		(8.2)		3.35	3.45	3.7	3.75	3.75	90.5	92.0	5.15	2.6	50.5	5.3	6.45	82.2	
239514	13.5			10.4		10.8	74	3.45	3.4	3.9	3.9	3.9	88.5	87.2	5.1	2.5	49.0	5.1	6.1	88.5	
239474	12.6			9.9		10.0	70	3.7	3.55	3.7	3.8	3.8	100.0	93.4	4.85	2.3	47.4	5.1	6.0	85.0	
239606	12.3	94.3	54.5	2 (9.3)		(9.8)	(74)	3.45	3.3	3.9	3.8	3.8	83.5	92.1	4.85	2.4	49.5	5.3	5.9	89.8	
239686	12.9			9.8		10.2	73	3.2	3.5	3.7	3.7	3.6	86.5	91.7	4.85	2.4	49.5	5.3	5.9	89.8	
239377	12.9	93.0	54.5	9.8		10.2	73	3.55	4.05	3.7	3.7	3.6	86.5	91.7	5.0	2.6	52.0	6.1	6.1	89.8	
239646	12.6			9.7		(9.5)		3.25	3.6	3.6	3.75	3.75	90.3	96.0	4.65	2.5	53.8	5.5	5.95	92.1	
239622	12.5			9.3		9.7	70	3.25	3.2	3.8	3.6	3.55	90.3	91.7	4.65	2.5	53.8	5.5	5.95	92.1	
239528	13.8			9.3		9.4	69	3.25	3.2	3.8	3.6	3.55	87.2	90.1	5.1	2.65	52.0	5.2	6.3	82.5	
239469	13.8			9.3		9.4	69	3.25	3.2	3.8	3.6	3.55	91.6	90.1	4.8	2.7	56.3	5.4	6.2	87.0	
239506	13.3			9.9		(9.6)	(68)	3.6	3.7	3.8	3.8	3.8	87.7	96.1	4.8	2.55	59.3	5.3	6.4	83.8	
239631	13.3			9.9		(9.6)	(68)	3.45	3.65	3.85	3.9	3.85	89.6	93.6	5.1	2.3	46.1	4.6	5.8	79.3	
239699	13.5			9.8		10.2	72	3.45	3.45	3.85	3.8	3.8	93.4	90.8	4.8	2.0	54.2	4.6	5.8	79.3	
239273	12.4			9.0		(9.8)	(76)	3.55	3.45	3.8	3.8	4.0	82.1	80.0	4.6	2.45	49.0	5.3	6.05	87.6	
239252	13.4			9.9		10.0	70	3.2	3.2	3.9	3.9	4.0	93.2	89.3	5.0	2.45	49.0	5.3	6.05	87.6	
239202	13.2	84.1	53.8	9.8		9.9	70	3.4	3.35	3.65	3.55	3.55	100.0	101.4	4.6	2.35	49.5	5.3	6.1	86.9	
239695	12.3			9.9		9.6	67	3.4	3.6	3.5	3.55	3.55	97.7	89.5	4.75	2.35	49.5	5.3	6.1	86.9	
239584	13.0			9.9		9.8	67	3.35	3.3	3.7	3.6	3.6	87.8	91.7	4.75	2.4	49.5	5.3	6.1	86.9	
239381	13.0			9.6		9.8	67	3.35	3.4	3.7	3.6	3.6	86.9	89.5	4.75	2.4	49.5	5.2	5.9	83.1	

1 Near.

PUEBLOS—Continued
 DEFORMED ARIZONA CRANIA.—FEMALE—Continued

SALT RIVER—Continued

Catalogue No.	Diam. Bizygomatic	Facial Index, total ($\frac{c}{n \times 100}$)	Facial Index, upper ($\frac{c}{\times 100}$)	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length, maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
239415	13.1	77.3	57.3	10.2		(9.8)	67	3.4	3.95	3.95	3.95	3.95	87.3	86.1	4.85	2.4	47.0	6.4	87.5		
239465	13.1	55.5	55.5	(9.3)		(9.8)	67	3.4	3.85	3.85	3.85	3.85	89.6	86.8	5.05	2.6	43.0	5.75	92.2		
239518	12.8	54.8	54.8	8.7		73	73	3.25	3.5	3.5	3.5	3.5	92.9	92.9	2.3	2.3	47.9	6.1	77.1		
239690	12.4	55.5	55.5	(8.8)		(9.5)	10.2	3.2	3.8	3.8	3.8	3.8	85.6	86.6	4.8	2.3	49.6				
239537	12.4	55.5	55.5	(8.8)		(9.5)	10.2	3.2	3.8	3.8	3.8	3.8	90.7	97.3	5.0	2.6	52.0	2.6	90.3		
239509	13.2	50.8	50.8	9.5		(9.6)	69	3.45	3.75	3.75	3.75	3.75	94.6	93.2	5.0	2.7	51.0	6.3	81.0		
239568	12.8	53.1	53.1	(9.5)		(9.6)	73	3.4	3.85	3.85	3.85	3.85	89.3	89.3	4.7	2.5	51.0	6.5	83.1		
239498	13.0	53.1	53.1	9.9		68	68	3.45	3.8	3.8	3.8	3.8	88.2	88.2	4.7	2.55	54.5	5.4	90.8		
239713	13.0	53.1	53.1	9.9		70	70	3.25	3.9	3.9	3.9	3.9	90.1	90.1	4.75	2.75	57.9	6.3	77.8		
239623	13.0	54.5	54.5	9.7		9.6	9.6	3.5	3.75	3.75	3.75	3.75	88.0	88.0	4.8	2.5	52.1	3.9	89.8		
239413	13.0	50.7	50.7	10.2		67	67	3.65	3.85	3.85	3.85	3.85	91.8	91.8	4.95	2.9	58.6				
239536	12.4	80.4	80.4	10.0		66	66	3.4	3.9	3.9	3.9	3.9	88.5	87.9	4.95	2.9	51.0	6.4	79.7		
239203	12.5	66.8	66.8	10.0		(9.5)	71	3.5	3.7	3.7	3.7	3.7	94.0	97.2	5.1	2.25	44.1	5.5	87.3		
239204	13.2	62.7	62.7	(9.2)		72	72	3.4	3.55	3.55	3.55	3.55	89.0	89.4	4.35	2.4	52.2	6.2	82.3		
239577	13.0	66.3	66.3	9.3		9.8	9.8	3.45	3.65	3.65	3.65	3.65	94.6	95.8	4.95	2.4	48.5	5.0	85.0		
239542	12.8	63.6	63.6	9.3		(9.6)	72	3.35	3.7	3.7	3.7	3.7	90.6	86.8	4.9	2.35	48.0	6.0	85.0		
239215	12.5	63.6	63.6	9.0		9.7	9.7	3.4	3.8	3.8	3.8	3.8	89.5	90.7	4.65	2.5	63.8	4.6			
239211	12.5	64.0	64.0	9.3		9.2	9.2	3.45	3.65	3.65	3.65	3.65	93.2	90.8	5.15	2.6	64.4	2.9			
239203	12.6	51.2	51.2	9.3		68	68	3.5	3.55	3.55	3.55	3.55	92.1	96.0	4.85	2.6	63.6	6.1	82.0		
239563	12.5	51.2	51.2	9.3		(9.4)	72	3.4	3.6	3.6	3.6	3.6	94.4	89.5	4.5	2.3	51.1	5.8	82.8		
239209	12.5	55.5	55.5	(9.3)		(9.5)	75	3.4	3.75	3.75	3.75	3.75	90.7	91.9	5.25	2.5	63.8				
239545	12.8	51.2	51.2	8.9		10.3	10.3	3.4	3.6	3.6	3.6	3.6	90.7	90.7	5.1	2.2	43.1	5.8	84.5		
239530	12.8	51.2	51.2	8.9		9.9	9.9	3.45	3.75	3.75	3.75	3.75	94.4	93.2	4.65	2.45	48.0	6.2	77.4		
239659	12.3	56.4	56.4	(7.8)		(8.8)	69	3.7	3.75	3.75	3.75	3.75	98.7	100.0	5.0	2.45	55.8	6.2	77.4		
239653	13.0	56.4	56.4	10.3		(8.8)	69	3.4	3.7	3.7	3.7	3.7	98.7	98.7	5.0	2.45	48.0				
239258	13.2	56.4	56.4	10.3		10.2	10.2	3.45	3.7	3.7	3.7	3.7	93.2	96.0	5.0	2.65	53.0	6.1	91.5		
239512	12.6	53.2	53.2	10.3		9.6	9.6	3.4	3.65	3.65	3.65	3.65	93.2	91.9	4.75	2.35	49.6	6.2	88.7		

230546	12.2	57.4	9 (9.1)	(9.2)	3.15	3.25	3.6	3.7	87.8	4.9	2.5	51.0	5.3	26.4	52.8
239621	(46)	(37)	(27)	(32)	(54)	(57)	(51)	(55)	(55)	(54)	(54)	(53)	(42)	(40)	(89)
Number of skulls.....	588.1	261.7	9.69	314.1	184.5	196.55	190.7	204.8	203.85	263.95	134.95	218.3	245.3	245.3	85.20
Totals.....	12.78	53.55	9.82	9.0	3.42	3.45	3.74	3.72	92.24	4.3	2.2	51.24	5.20	6.13	85.20
Averages.....	11.8	84.0	8.7	9.0	3.15	3.2	3.5	3.50	80.0	4.3	2.2	43.0	4.6	5.7	77.1
Minima.....	13.8	85.9	10.4	10.8	3.7	4.05	3.95	4.0	101.4	5.7	2.9	59.6	5.6	6.5	83.0
Maxima.....															

OLD HIOPI

156324	12.2	54.1	9.3	8.0	9.2	69	49	3.4	3.45	3.6	3.55	94.4	4.6	2.4	52.2
177932	13.0	55.0	10.0	8.0	10.0	3.5	3.7	3.5	94.6	4.95	2.55	51.5	5.2	2.55	51.5
156321	13.1	55.0	10.0	8.0	10.0	3.7	3.6	3.6	102.8	5.1	2.5	49.0	5.2	2.5	49.0
Number of skulls.....	(3)	(2)	(2)	(2)	(3)	(2)	(3)	(3)	(2)	(3)	(3)	(5)	(3)	(3)	(5)
Totals.....	38.3	87.0	19.2	8.0	10.6	6.95	10.9	7.25	97.2	14.65	7.45	50.85	4.6	2.48	50.85
Averages.....	12.77	64.56	9.60	8.0	3.65	3.48	3.68	3.68	86.86	4.88	2.4	49.0	4.6	2.4	49.0
Minima.....	12.2	54.1	9.2	8.0	3.4	3.45	3.7	3.55	94.6	4.6	2.4	51.5	5.1	2.55	52.2
Maxima.....	13.1	55.0	10.0	8.0	3.7	3.5	3.6	3.7	102.8	5.1	2.55	52.2	5.2	2.55	52.2

ELDEN

336620	13.4	51.5	9.5	8.2	3.45	3.5	3.5	3.9	90.8	4.9	2.4	49.0	4.9	6.0	81.7
336619	12.3	53.7	8.8	8.0	3.4	3.4	3.45	3.5	95.8	4.75	2.3	48.4	4.0	6.6	74.2
339719	12.6	55.6	9.3	8.0	3.3	3.3	3.7	3.6	89.2	4.55	2.6	55.9	5.3	5.9	89.8
339726	12.6	55.6	9.3	8.0	3.3	3.3	3.7	3.6	89.2	4.55	2.6	55.9	5.3	5.9	89.8
339720	12.4	63.7	10.5	8.2	3.65	3.8	3.7	3.7	98.7	5.6	2.5	44.6	5.1	7.1	73.9
339728	12.4	63.7	10.5	8.2	3.65	3.8	3.7	3.7	98.7	5.6	2.5	44.6	5.1	7.1	73.9
Number of skulls.....	(4)	(4)	(1)	(1)	(4)	(6)	(4)	(6)	(6)	(6)	(6)	(6)	(5)	(5)	(6)
Totals.....	50.7	87.0	9.5	8.2	13.8	20.95	14.75	22.1	93.56	30.3	14.95	49.34	25.4	31.8	79.87
Averages.....	12.68	65.53	9.5	8.2	3.45	3.49	3.69	3.68	89.7	5.06	2.49	49.34	5.08	6.36	73.2
Minima.....	12.3	51.5	8.7	8.0	3.3	3.3	3.55	3.5	89.2	4.65	2.3	44.6	4.9	5.9	73.2
Maxima.....	13.4	63.7	10.5	8.2	3.65	3.8	3.8	3.9	98.7	5.6	2.55	55.9	5.3	7.1	89.8

CHAVES PASS

158046	12.1	57.9	10.2	8.8	10.0	69	50	3.4	3.3	3.7	89.2	4.8	2.45	5.6	84.9
153118	12.0	52.5	9.0	8.8	9.0	70	46	3.2	3.25	3.6	88.9	4.75	2.55	4.8	81.4
157682	12.5	53.6	9.5	8.4	9.9	74	57	3.4	3.3	3.7	88.3	4.4	2.5	5.1	83.6
157686	12.8	53.1	9.7	8.7	9.8	70	56	3.4	3.7	3.7	91.9	4.8	2.5	7.1	76.1

* Near.

PUEBLOS—Continued
 DEFORMED ARIZONA CRANIA.—FEMALE—Continued
 CHAVES PASS—Continued

Catalogue No.	Diam. Bizygomatic	Facial Indct. $\left(\frac{c}{a \times 100}\right)$ total	Facial Indct. $\left(\frac{c}{b \times 100}\right)$ upper	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
157689	13.2		54.6	10.2	8.6	10.2	70	47	3.5	3.4	3.8	3.7	92.1	91.9	4.95	2.7	54.6	5.6	46.2	90.9	
157687				9.8	9.0	9.8	73	50	3.45	3.5	3.8	3.7	90.8	94.6	5.2	2.2	42.8				
158047			(53.0)	9.1		9.1			3.35	3.45	3.9	3.65	85.9	94.5	4.8	2.4	50.0				
157689				9.7		9.7	67	40	3.35	3.4	3.75	3.75	89.8	90.7	4.7	2.35	50.0	5.2	6.2	83.9	
157676	13.2		51.5	9.6	8.2	9.6	67	40	3.4	3.4	3.8	3.7	89.5	91.9	4.75	2.7	56.8	5.3	6.3	84.1	
158108	12.6		53.2	9.8	8.6	9.8	50	34	3.4	3.4	3.8	3.8	87.0	90.9	5.1	2.35	46.1				
157672	(13.1)		(55.0)	9.2	8.4	9.8	72	62	3.35	3.5	3.8	3.85	87.0	94.7	4.95	2.4	48.5	5.6	6.2	90.9	
157684	12.3		57.7	9.6	8.2	9.2	65	48	3.55	3.6	3.8	3.7	91.9	91.9	5.1	2.5	49.0	5.2	6.4	81.9	
158111	13.1		55.7						3.4	3.4	3.7	3.8	88.6	93.4	5.3	2.5	47.2	5.3	6.3	84.1	
157669	(13.6)		(54.4)	9.6		9.6			3.5	3.55	3.95	3.95	91.4	91.7	4.65	2.45	52.7	5.0	6.6	84.9	
157673	12.8		53.1	9.0	8.0	9.0	66	48	3.4	3.3	3.6	3.6	91.7	91.7	4.9	2.45	50.0	5.0	6.6	84.9	
158045	(13.2)		(52.9)	9.6	8.6	9.6	67	47	3.3	3.3	3.6	3.6	91.7	91.7	4.9	2.45	50.0	5.0	6.6	84.9	
Number of			(10)	(12)	(12)	(16)	(12)	(12)	(15)	(14)	(15)	(14)	(15)	(14)	(15)	(15)	(15)	(11)	(11)	(11)	
Skulls-----	126.6		115.0	101.4	101.4	153.0	69	53	50.95	47.75	56.4	51.94	51.94	51.94	73.15	36.7	58.7	58.7	63.9	63.9	
Totals-----	12.66		64.27	3.66	3.66	3.62	69	53	3.40	3.41	3.76	3.71	90.34	91.91	4.88	2.45	60.89	6.54	6.55	83.98	
Averages-----	12.0		61.5	9.0	7.9	9.0	68	46	3.2	3.25	3.6	3.6	85.9	89.2	4.4	2.2	42.3	4.8	5.9	76.1	
Minima-----	13.2		57.9	10.2	9.0	10.3	74	62	3.55	3.6	3.95	3.85	94.4	94.7	5.3	2.7	56.8	5.6	7.1	90.9	

PETRIIFIED FOREST

213346	13.3	83.5	51.1	9.4	8.2	9.5	70	51	3.35		3.7		90.5		4.0	2.4	49.0	5.2	6.1	85.9	3.4
213330	12.4	94.4	57.5	9.8	8.4	9.6	67	50	3.45	3.5	3.75		92.1	95.9	4.75	2.5	52.7	5.1	6.6	86.4	3.4
213352	12.8	84.4	52.5	9.5	8.0	9.4	69	46	3.45	3.7	3.7		93.2	93.2	4.6	2.7	53.6	5.1	6.2	82.5	3.3
213331	(13.2)	(84.1)	(53.0)	9.3	7.8	9.2	68	45	3.45	3.45	3.7		93.2	95.8	4.9	2.5	51.0	5.1	6.7	80.6	3.3
213338	(13.2)	(85.6)	(50.8)	(8.5)	(7.5)	(9.0)	(72)	(54)	3.3	3.25	3.8		86.8	86.5	4.9	2.45	50.5	5.1	6.3	81.0	2.8

Number of skulls.....	(3)	(3)	(4)	(4)	(4)	(4)	(5)	(4)	(5)	(4)	(5)	(5)	(5)	(6)	(5)						
Totals.....	38.5	87.7	50.8	9.3	8.2	9.6	72	51	3.3	3.25	3.5	3.6	94.3	90.3	4.85	2.5	51.6	5.0	6.2	80.7	3.3
Averages.....	12.83	87.27	53.51	9.5	8.2	9.8	72	51	3.3	3.4	3.6	91.7	91.7	90.3	4.75	2.2	46.3	5.0	6.2	80.7	3.4
Minima.....	12.4	83.5	51.1	9.3	7.8	9.2	67	45	3.3	3.1	3.5	86.9	86.9	85.6	4.9	2.6	53.1	5.4	6.2	80.7	3.1
Maxima.....	13.3	94.4	57.3	9.8	8.4	9.6	70	51	3.3	3.35	3.6	86.8	86.8	85.9	4.6	2.4	56.4	5.5	6.4	85.9	3.6
					8.0	9.3	68	52	3.2	3.2	3.65	87.7	87.7	87.7	4.7	2.4	52.2	5.2	6.3	82.5	

MISCELLANEOUS

176944	13.0	87.7	50.8	9.3	8.2	9.6	72	51	3.3	3.25	3.5	3.6	94.3	90.3	4.85	2.5	51.6	5.0	6.2	80.7	3.3
177577	13.0	87.7	50.8	9.3	8.2	9.6	72	51	3.3	3.25	3.5	3.6	94.3	90.3	4.85	2.5	51.6	5.0	6.2	80.7	3.3
177578	12.9	(86.1)	(53.5)	9.5	8.2	9.8	72	51	3.3	3.4	3.6	91.7	91.7	90.3	4.75	2.2	46.3	5.0	6.2	80.7	3.4
177579	12.9	90.7	52.7	9.5	8.8	9.9	69	48	3.5	3.1	3.65	86.9	86.9	85.8	4.9	2.6	53.1	5.4	6.2	80.7	3.1
177576	13.0		52.3	9.7	8.4	9.8	70	50	3.3	3.4	3.6	91.7	91.7	93.1	4.7	2.65	56.4	5.5	6.4	85.9	3.6
177571	12.5		56.0	9.3	8.0	9.3	68	52	3.2	3.2	3.65	87.7	87.7	87.7	4.6	2.4	52.2	5.2	6.3	82.5	
176944	13.0		55.4	9.2	8.2	10.0	74	60	3.3	3.35	3.5	3.7	94.3	90.5	4.6	2.5	51.4	5.6	6.0	93.3	3.25
176946	13.0		53.9	9.5	8.4	10.2	75	57	3.5	3.33	3.9	83.9	83.9	83.2	4.8	2.3	47.9	5.6	6.0	93.3	
176943	13.3		(52.6)	8.8	7.6	9.4	72	53	3.5	3.2	3.7	85.1	85.1	87.7	4.75	2.55	53.7	5.3	6.4	79.7	3.5
176945	12.8			9.1	7.8	9.6	71	50	3.5	3.4	3.85	90.9	90.9	93.3	4.8	2.4	50.0	5.2	6.1	85.3	
176948	13.0	87.7	53.9	9.2	7.8	9.6	71	50	3.5	3.4	3.7	94.6	94.6	94.9	4.8	2.3	47.9	5.2	6.1	85.3	3.25
213287	13.8		55.1	10.3	9.0	10.4	69	52	3.5	3.6	3.9	83.7	83.7	94.7	5.35	2.4	44.9	5.6	6.0	93.3	
213290	13.7		(50.4)	9.7	8.6	10.3	75	55	3.4	3.5	3.8	83.5	82.1	84.7	4.95	2.5	50.5	5.3	5.7	93.0	
213284	12.7		52.8	9.8	8.3	9.1	64	43	3.1	3.2	3.7	83.8	88.9	88.9	4.7	2.4	51.1	5.5	6.2	88.7	
213289	12.6		(55.6)	(9.9)	(8.5)	(9.6)	(52)	(52)	3.1	3.2	3.7	83.8	86.5	86.5	4.6	2.5	54.4	5.5	6.2	87.8	
213298	(13.6)		(53.7)	9.9	8.6	10.0	70	51	3.45	3.45	3.65	94.5	94.5	94.5	5.1	2.3	45.1	5.8	7.3	79.5	
246971	12.9	94.6	61.2	10.0	8.3	9.8	65	47	3.4	3.5	3.9	87.2	89.7	89.7	5.25	2.8	55.3	5.9	6.5	90.8	3.8
246992	12.6	96.0	56.4	9.6	8.0	9.6	66	48	3.5	3.5	3.8	83.5	83.5	92.1	5.1	2.45	48.0	5.4	5.8	93.1	3.7
246997	12.5	91.4	56.0	9.5	8.3	9.5	69	48	3.2	3.1	3.65	87.7	83.8	83.8	4.55	2.55	56.0	5.3	6.1	86.9	3.7
246990	13.3	83.5	51.1	9.5	8.3	9.5	69	48	3.4	3.5	3.8	89.5	92.1	92.1	5.0	2.75	55.0	5.5	6.3	87.3	3.2
246994	12.8	90.6	55.5	9.5	8.3	9.5	69	48	3.3	3.25	3.6	91.7	90.3	90.3	4.65	2.6	55.9	5.8	6.7	86.6	3.7
270461	12.8		59.0	9.5	8.0	9.1			3.45	3.45	3.9	88.5	88.5	88.5	5.1	2.5	49.0	5.9	6.6	89.4	3.1
270464	13.4	94.8	60.0	9.5	8.0	9.6	66	48	3.75	3.75	3.9	96.2	96.2	96.2	5.5	2.6	47.3	5.3	6.1	86.9	3.7
270466	12.0	96.7	57.5	9.5	8.0	9.6			3.0	3.65	3.6	100.0	101.4	101.4	4.9	3.2	44.9	5.0	6.0	82.0	3.15
270467	12.6	88.1	52.4	9.5	8.0	9.6			3.4	3.3	3.4	100.0	91.7	91.7	4.9	2.4	49.0	5.0	6.1	86.7	3.2
243906	12.8	92.2	57.0	10.8	9.0	10.0	64	43	3.4	3.35	3.85	88.5	88.5	88.2	4.9	2.5	51.0	5.9	6.6	89.4	3.8
243902	12.4		56.5	9.8	8.6	9.7	69	52	3.45	3.45	3.9	83.5	93.2	93.2	4.95	2.15	43.4	5.3	6.1	86.9	
243905	12.5		55.2	9.5	8.0	9.6	70	41	3.4	3.4	3.9	87.2	87.2	87.2	5.15	2.7	52.4	5.1	5.8	87.9	
157453	12.6		51.2	9.8	8.2	9.7	68	47	3.3	3.3	3.55	83.0	83.0	83.0	4.95	2.45	49.5	5.6	6.6	84.9	
157290	13.6			9.8	8.2	9.7	68	47	3.3	3.3	3.85	85.7	83.0	83.0	4.6	2.8	50.9	5.6	6.6	84.9	
329776	12.9	86.8	53.5	9.5	7.5	9.6			3.6	3.6	3.8	94.7	94.7	94.7	4.9	2.6	53.1	5.9	6.6	89.4	3.0

3 Near.

PUEBLOS—Continued
DEFORMED ARIZONA CRANIA.—FEMALE—Continued
MISCELLANEOUS—Continued

Catalogue No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth, maxm.	Nasal Index	Upper Alveolar Arch, length, maxm.	Upper Alveolar Arch, breadth, maxm.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
254563	13.4	86.6	62.2	9.6	8.2	9.5	68	44	3.4	3.35	3.8	3.75	89.6	89.3	5.2	2.7	51.9	5.3	6.3	84.1	3.4
229363	12.9	87.5	63.7	9.9	7.2	9.0	72	50	3.4	3.35	3.4	3.4	88.6	97.1	4.7	2.3	48.9	4.9	6.2	79.0	---
317700	12.8	87.5	63.7	9.9	8.8	10.0	71	52	3.4	3.5	3.5	3.9	97.1	100.0	5.0	2.6	92.0	5.3	6.4	82.8	---
243938	12.9	86.2	64.5	9.9	8.6	10.4	74	51	3.45	3.45	3.7	3.6	93.2	95.8	4.95	2.7	54.6	5.4	6.0	90.0	3.4
213325	12.9	86.2	64.5	9.9	8.6	10.0	74	51	3.5	3.5	3.8	3.65	92.1	95.9	4.95	2.5	50.5	5.5	5.5	80.0	---
243935	13.0	81.5	---	---	8.6	---	---	---	3.6	3.6	3.9	3.95	92.5	89.9	4.85	2.5	51.6	---	---	---	---
239201	13.0	81.5	---	---	8.6	---	---	---	3.6	3.6	3.9	3.95	92.5	89.9	4.85	2.5	51.6	---	---	---	---
Number of skulls	(29)	(18)	(26)	(24)	(27)	(28)	(24)	(24)	(38)	(36)	(33)	(36)	(38)	(96)	(37)	(37)	(37)	(27)	(27)	(27)	(19)
Total	373.3	223.4	272.0	231.1	223.4	272.0	231.1	231.1	128.65	122.1	141.25	133.6	141.25	91.08	181.15	92.45	144.9	166.1	166.1	85.69	64.5
Averages	12.87	86.82	64.61	9.68	8.27	9.71	70	49	3.39	3.59	3.72	3.71	91.08	91.59	4.90	2.50	51.04	5.87	6.26	85.69	3.59
Minima	12.0	81.2	60.8	8.5	7.2	9.0	64	41	3.1	3.1	3.4	3.4	83.3	83.3	4.55	2.15	45.4	4.9	5.7	79.0	3.0
Maxima	13.8	96.7	61.2	10.8	9.0	10.4	75	60	3.75	3.75	3.9	3.95	100.0	101.4	5.5	2.8	60.9	5.9	7.3	98.5	3.8

PUEBLOS—Continued
 ABSTRACT—MALE
 UNDEFORMED CRANIA

Locality	Diam. antero-posterior maxim. (labelled ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.
NEW MEXICO														
<i>Téwas:</i>														
Puyé (6)—														
Specimens.....	(6)	(6)	(6)	(6)	(6)	(6)	(4)	(4)	(4)	(5)	(3)	(3)	(3)	(5)
Totals.....	98.0	83.0	81.1	83.8	89.1	97.7	14.86	5,375	44.6	33.3	40.8	82.8	49.8	48.7
Means.....	16.5	13.83	13.52	83.8	89.1	97.7	14.86	1,344	11.15	6.66	13.6	82.8	49.8	9.74
Otowi (3)—														
Specimens.....	(3)	(3)	(2)	(3)	(2)	(2)								(2)
Totals.....	50.8	40.6	26.3	79.9	84.8	96.0				14.2	27.7			20.1
Means.....	16.93	13.53	13.15	79.9	84.8	96.0				7.1	13.85			10.05
Kwasieyukwa (3)—														
Specimens.....	(2)	(3)	(3)	(2)	(2)	(3)	(2)	(2)	(3)	(3)	(3)	(3)	(3)	(3)
Totals.....	34.9	40.8	41.7	79.1	88.0	102.2	15.0	1,330	36.7	22.1	41.3	88.4	53.25	30.0
Means.....	17.45	13.6	13.9	79.1	88.0	102.2	15.0	1,330	12.2	7.37	13.85	88.4	53.25	10.0
Giuswa (3)—														
Specimens.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(2)	(2)
Totals.....	51.7	41.1	40.5	79.5	87.3	93.5	14.81	1,367	35.4	20.6	26.6	84.1	50.7	19.7
Means.....	17.23	13.7	13.5	79.5	87.3	93.5	14.81	1,367	11.8	6.87	13.3	84.1	50.7	9.85
Old Zuñi:														
Havikuh (34)—														
Specimens.....	(34)	(34)	(30)	(34)	(30)	(30)	(30)	(27)	(29)	(32)	(31)	(28)	(30)	(23)
Totals.....	597.6	453.4	400.6	75.9	86.4	100.1	14.76	35,235	333.5	234.7	416.8	80.5	54.3	225.4
Means.....	17.58	13.34	13.35	75.9	86.4	100.1	14.76	1,305	12.19	7.33	13.45	80.5	54.3	9.8

PUEBLOS—Continued
ABSTRACT—MALE—Continued
UNDEFORMED CRANIA.—Continued.

Locality	Basion Subnasal Pt.	Basion-Nasion	Racial Angle	Alveolar Angle	Orbits—Height, Mean	Orbits—Breadth, Mean	Orbital Index, Mean	Nose, height	Nose, Breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
NEW MEXICO														
<i>Tlacas:</i>														
Puyé (6)—														
Specimens.....	(5)	(6)	(5)	(5)	(4)	(4)	(4)	(5)	(5)	(5)	(4)	(4)	(4)	(5)
Totals.....	43.5	60.0	72.0	64.0	3.42	3.72	92.0	23.9	12.55	62.5	21.1	25.3	83.4	16.2
Means.....	8.7	10.0	14.4	10.6	3.42	3.72	92.0	4.78	2.61	62.5	5.28	6.33	83.4	3.25
Otowi (3)—														
Specimens.....	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Totals.....	17.4	19.8	67.5	45.5	3.58	3.70	95.8	10.3	5.4	62.4	10.6	13.0	82.3	13.0
Means.....	8.7	9.9	33.8	22.8	3.58	3.70	95.8	5.15	2.7	62.4	5.30	6.5	82.3	6.5
Kwasvuyukva (3)—														
Specimens.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Totals.....	28.8	30.4	69.5	50.0	3.57	3.79	92.5	15.15	7.8	61.5	16.8	20.3	82.8	10.5
Means.....	8.6	10.13	23.2	16.7	3.57	3.79	92.5	5.05	2.6	61.5	5.6	6.77	82.8	3.5
Ghusiva (3)—														
Specimens.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(2)	(2)	(2)	(3)
Totals.....	16.9	18.2	68.0	48.6	3.30	3.70	89.2	14.2	7.5	62.8	11.2	13.3	84.2	10.2
Means.....	8.45	9.1	34.0	24.3	3.30	3.70	89.2	4.73	2.5	62.8	5.6	6.65	84.2	3.4
Old Zuñi:														
Havikuh (34)—														
Specimens.....	(25)	(27)	(23)	(23)	(30)	(30)	(30)	(32)	(32)	(32)	(27)	(27)	(27)	(30)
Totals.....	213.2	208.6	70.0	52.0	3.49	3.79	92.8	163.15	80.5	49.5	146.4	174.8	83.8	109.6
Means.....	8.53	9.95	30.4	22.6	3.49	3.79	92.8	5.10	2.53	49.5	5.42	6.47	83.8	3.65

<i>Miscellaneous:</i>									
Dolichocephalic (3). Near Durango, near Santa Fe,									
Gran Quivira—									
Specimens	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Totals	26.6	31.4	72.0	49.0	16.1	8.07	8.07	8.07	
Means	8.87	10.47		3.55	5.37	2.6	2.6	2.6	
Mesocranic (3). Near Fort Union, New Mexico,									
Mimbres Valley—									
Specimens	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Totals	26.9	30.9	69.0	55.0	15.3	7.5	20.7	16.8	
Means	8.97	10.3		3.42	5.1	2.5	6.9	5.6	81.2
Brachycephalic (3). Lower Mimbres, Coolidge,									
Kinbenatola—									
Specimens	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Totals	25.8	30.4	69.7	48.3	15.0	7.55	19.6	17.0	10.9
Means	8.6	10.13		3.32	5.0	2.52	6.53	5.67	3.53
ARIZONA									
<i>Salt River (2):</i>									
Specimens									
Totals									
Means									
<i>Miscellaneous (3):</i>									
MacDonald Canyon, near Holbrook, Four-Mile									
Specimens	(3)	(3)	(2)	(4)	(4)	(4)	(4)	(2)	(1)
Totals	25.7	29.7	69.0	49.5	20.3	10.1	12.6	10.7	3.4
Means	8.57	9.9		3.46	5.1	2.5	6.3	5.35	
									85.0

PUEBLOS—Continued
ABSTRACT.—FEMALE
 UNDEFORMED CRANIA

Locality	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity in c. c. (Hrdlicka's method)	Men-on-Nasion height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.
NEW MEXICO														
<i>Tewa:</i>														
Puyé (3)—														
Specimens.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)	(2)	(2)	(1)	(2)	(2)
Totals.....	48.9	40.3	38.7	83.6	86.2	94.6	14.28	3,670	10.9	13.8	27.1	82.6	60.9	20.4
Means.....	16.3	13.63	12.9					1,223		6.9	13.55			10.2
<i>Dolichocephalic</i> (5), 2 Puyé intrusive, 2 Ghuswa intrusive, 1 Kwasteyukwa intrusive—														
Specimens.....	(5)	(5)	(3)	(5)	(3)	(3)	(3)	(4)	(3)	(3)	(2)	(2)	(2)	(2)
Totals.....	87.1	63.1	37.9	72.4	84.2	98.9	14.21	4,815	33.2	20.3	25.3	87.5	53.5	18.7
Means.....	17.42	12.62	12.63					1,204	11.07	6.77	12.76			9.56
<i>Mesocephalic</i> —Kwasteyukwa (3)—														
Specimens.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)	(2)	(2)	(2)			(2)
Totals.....	50.1	39.5	38.4	78.8	85.7	97.2	14.22	1,215	21.4	13.5	25.2			19.0
Means.....	16.7	13.17	12.8					1,077	10.7	6.75	12.6			9.5
<i>Brachycephalic</i> —Kwasteyukwa (2)—														
Specimens.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)		(2)	(2)			(2)
Totals.....	31.9	27.3	25.7	85.6	86.8	94.2	14.15	1,190		14.1	25.6			19.1
Means.....	15.95	13.65	12.85							7.05	12.8			9.55
<i>Old Zuni:</i>														
Havikuh (51)—														
Specimens.....	(51)	(51)	(49)	(51)	(48)	(48)	(50)	(43)	(38)	(42)	(42)	(35)	(38)	(40)
Totals.....	836.0	669.6	625	80.1	86.5	97.1	14.06	50,135	430.1	286.3	533.4	89.2	65.6	375.7
Means.....	16.39	13.13	12.76					1,166	11.32	6.82	12.70			9.39

<i>Miscellaneous</i> (5):										
1 White Mountain, 2 Tulerosa, 1 Tshirege, 1 Chaco Canyon—										
Specimens.....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(3)
Totals.....	66.2	32.5	87.9	98.6	14.34	4,955	26.2	50.8	52.8	26.9
Means.....	16.55	13.32	84.8	87.9	14.34	1,239	6.56	12.7	62.8	8.67
ARIZONA										
Salt River (4):										
Specimens.....										
Totals.....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(3)	(4)
Means.....	67.8	51.9	88.5	102.1	14.39	4,855	27.5	38.3	54.3	38.1
16.95										
<i>Miscellaneous</i> (6):										
1 Four Mile Canyon, 1 Las Animas River, 2 Chaves Pass, 1 Tally Hogan, 1 Cheylon—										
Specimens.....	(6)	(4)	(4)	(4)	(4)	(3)	(4)	(4)	(3)	(4)
Totals.....	98.8	79.7	86.9	95.9	14.17	3,630	27.6	50.4	57.0	38.1
Means.....	16.47	13.28	81.1	86.9	14.17	1,210	6.9	12.6	57.0	9.52

<i>Miscellaneous</i> (5):									
1 White Mountain, 2 Tulerosa, 1 Tshirige, 1 Chaco Canyon—									
Specimens	(3)	(4)	(3)	(4)	(3)	(4)	(3)	(4)	(3)
Totals	23.0	48.3	73.0	51.0	3.89	5.71	91.4	14.55	17.9
Means	7.67	9.66	51.0	51.0	3.89	5.71	91.4	4.85	5.97
ARIZONA									
Salt River (4):									
Specimens	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Totals	39.2	39.2	71.0	71.0	3.89	3.77	89.9	14.55	17.9
Means	9.8	9.8	71.0	71.0	3.89	3.77	89.9	4.85	5.97
<i>Miscellaneous</i> (6):									
1 Four Mile Canyon, 1 Las Animas River, 2 Chaves Pass, 1 Tally Hogan, 1 Cheylon—									
Specimens	(4)	(4)	(4)	(4)	(5)	(5)	(5)	(4)	(2)
Totals	16.5	37.7	37.7	37.7	3.44	5.61	95.4	19.7	12.7
Means	8.25	9.42	37.7	37.7	3.44	5.61	95.4	5.56	6.35

PUEBLOS—Continued

ABSTRACT.—MALE
DEFORMED CRANIA

Locality	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Men-ton-Nasion height (a)	Alveol. Pl.-Nasion height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveolar Pt.
NEW MEXICO														
<i>Téwa:</i>														
Puyé (17)—														
Specimens.....				(15)				(13)	(12)	(15)	(9)	(7)	(8)	(11)
Total.....				14.86			17,515	141.7	108.0	7.2	120.6	88.2	52.3	103.9
Means.....				15.0			1,547	11.81	7.2	13.4				9.63
Other Téwa (17)—														
Specimens.....				(13)				(12)	(15)	(14)	(10)	(10)	(12)	(11)
Total.....				15.0			16,300	143.0	108.8	7.25	151.9	85.7	52.9	111.1
Means.....				15.0			1,563	11.92	7.25	13.71				10.1
<i>Fueblo:</i>														
Bonito and Chaco Canyon (11)—														
Specimens.....				(7)				(9)	(9)	(11)	(7)	(5)	(7)	(8)
Total.....				15.21			12,230	110.6	79.7	7.25	94.4	90.6	53.4	75.2
Means.....				15.21			1,359	12.89	7.25	13.49				9.4
<i>Old Zuñi:</i>														
Havikuh (15)—														
Specimens.....				(10)				(10)	(10)	(12)	(9)	(8)	(8)	(8)
Total.....				14.72			13,310	120.0	86.3	7.19	120.0	88.1	53.0	77.9
Means.....				14.72			1,531	12.0	7.19	13.55				9.74
<i>Miscellaneous (11):</i>														
Specimens.....				(7)				(7)	(4)	(8)	(8)	(4)	(7)	(3)
Total.....				15.15			9,845	47.8	57.0	7.12	109.7	86.9	52.3	28.8
Means.....				15.15			1,406	11.95	7.12	13.71				9.6

ARIZONA											
Salt River (57):											
Specimens.....	(32)	(29)	(12)	(41)	(39)	(12)	(31)	(12)	(3)	(12)	(12)
Total.....	15.25	40,560	144.6	307.0	527.8	88.1	55.5	117.6	117.6	88.1	55.5
Means.....	15.25	1,399	12.05	7.49	13.53	88.1	55.5	9.8	9.8	88.1	55.5
Old Hopi (5):											
Specimens.....	(2)	(3)	(1)	(5)	(4)	(4)	(4)	(3)	(3)	(4)	(4)
Total.....	29.8	4,150	11.7	37.7	53.6	13.4	56.2	30.7	30.7	13.4	56.2
Means.....	14.90	1,383	11.7	7.54	13.4	13.4	56.2	9.8	9.8	13.4	56.2
Elden (7):											
Specimens.....	(5)	(5)	(5)	(5)	(4)	(4)	(3)	(3)	(3)	(3)	(3)
Total.....	15.25	7,230	61.6	37.5	54.6	83.1	63.5	30.7	30.7	83.1	63.5
Means.....	15.25	1,446	12.32	7.5	13.65	83.1	63.5	10.53	10.53	83.1	63.5
Chaves Pass (18):											
Specimens.....	(15)	(13)	(11)	(11)	(6)	(6)	(6)	(9)	(9)	(6)	(6)
Total.....	15.13	18,900	81.8	81.8	80.3	13.38	54.9	80.1	80.1	13.38	54.9
Means.....	15.13	1,423	7.44	7.44	13.38	13.38	54.9	9.9	9.9	13.38	54.9
Petrified Forest (13):											
Specimens.....	(11)	(11)	(10)	(12)	(8)	(7)	(8)	(8)	(8)	(7)	(8)
Total.....	15.01	15,415	121.8	88.7	107.5	90.1	54.3	79.7	79.7	90.1	54.3
Means.....	15.01	1,401	12.18	7.39	13.44	13.44	54.3	9.96	9.96	13.44	54.3
Miscellaneous (33):											
Specimens.....	(22)	(24)	(13)	(31)	(15)	(8)	(15)	(16)	(16)	(8)	(15)
Total.....	14.94	33,110	158.5	229.0	203.3	89.3	54.6	157.5	157.5	89.3	54.6
Means.....	14.94	1,380	12.19	7.39	13.55	13.55	54.6	9.84	9.84	13.55	54.6
COLORADO											
Mesa Verde (2), Montezuma Canyon (1):											
Specimens.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(3)	(2)
Total.....	15.55	4,440	37.7	22.8	22.8	19.6	19.6	19.6	19.6	22.8	19.6
Means.....	15.55	1,480	12.57	7.6	7.6	19.6	19.6	9.8	9.8	22.8	19.6

PUEBLOS—Continued
ABSTRACT.—MALE—Continued
DEFORMED CRANIA—Continued

Locality	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, Mean	Orbits—Breadth, Mean	Orbital Index, Mean	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
NEW MEXICO														
Tówa:														
Fuyé (17)—	(11)	(13)	(9)	°	(9)	(15)	(15)	(17)	(17)	(17)	(11)	(11)	(11)	(12)
Specimens.....														
Totals.....	93.9	126.7	69	66	3.46	3.80	90.9	84.5	41.05	48.6	68.7	69.9	84.0	41.45
Means.....	8.54	9.76	69	66	3.46	3.80	90.9	4.97	2.41	48.6	6.54	6.36	84.0	3.46
Other Tówa (17)—	(12)	(14)	(11)	(11)	(14)	(14)	(14)	(17)	(16)	(16)	(13)	(14)	(13)	(12)
Specimens.....														
Totals.....	104.7	138.9	68	68	3.46	3.83	90.5	84.6	42.1	52.8	72.8	91.4	86.9	43.25
Means.....	8.72	9.92	68	68	3.46	3.83	90.5	4.98	2.65	52.8	6.6	6.65	86.9	3.6
Pueblo:														
Eonito and Chaco Canyon (11)—	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(11)	(11)	(11)	(7)	(7)	(7)	(9)
Specimens.....														
Total.....	66.9	79.9	75	57	3.49	3.82	91.4	56.85	27.55	48.6	36.6	44.9	81.5	32.2
Means.....	8.36	9.99	75	57	3.49	3.82	91.4	5.17	2.51	48.6	5.25	6.7	81.5	3.58
Old Zuñi:														
Havikuh (15)—	(9)	(11)	(8)	(8)	(11)	(11)	(11)	(12)	(12)	(12)	(8)	(9)	(8)	(11)
Specimens.....														
Total.....	76.8	107.2	69	64	3.49	3.81	92.1	60.8	30.1	49.6	42.9	58.2	88.1	38.25
Means.....	8.53	9.76	69	64	3.49	3.81	92.1	5.07	2.51	49.6	5.36	6.47	88.1	3.48
Miscellaneous (11):	(5)	(7)	(3)	(3)	(9)	(9)	(9)	(9)	(9)	(9)	(6)	(7)	(6)	(5)
Specimens.....														
Total.....	41.5	70.0	71	64	3.43	3.82	89.8	43.95	22.7	57.6	32.5	45.4	86.4	17.65
Means.....	8.3	10.0	71	64	3.43	3.82	89.8	4.88	2.52	57.6	5.41	6.49	86.4	3.53

ARIZONA													
Salt River (57):													
Specimens	(15)	(10)	(50)	(48)	(48)	(52)	(51)	(51)	(38)	(32)	(32)	(32)	(32)
Total	150.3	71	3.50	3.83	91.6	273.0	129.6	2.54	202.9	208.3	6.51	82.0	82.0
Means	10.0					5.25			5.34				
Old Hopi (5):													
Specimens	(4)	(3)	(5)	(5)	(5)	(5)	(5)	(5)	(4)	(4)	(4)	(4)	(4)
Total	34.8	60	3.50	3.90	80.9	25.85	12.85	2.57	22.5	26.2	6.55	85.9	85.9
Means	8.7					5.17			5.63				
Eldon (7):													
Specimens	(4)	(3)	(6)	(6)	(6)	(7)	(7)	(7)	(4)	(4)	(4)	(4)	(4)
Total	50.4	60	3.42	3.85	80.3	36.15	18.4	2.63	22.5	27.6	6.9	81.6	81.6
Means	12.6					5.16			5.63				
Chaves Pass (18):													
Specimens	(11)	(9)	(15)	(15)	(15)	(16)	(16)	(16)	(10)	(10)	(10)	(10)	(10)
Total	94.6	69	3.63	3.84	92.1	82.2	38.95	2.45	55.2	65.1	6.61	84.8	84.8
Means	8.6					5.14			5.52				
Petrified Forest (13):													
Specimens	(8)	(8)	(10)	(10)	(10)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
Total	69.2	70	3.52	3.75	93.8	62.2	29.85	2.49	65.4	80.6	6.72	82.4	82.4
Means	8.65					5.18			5.45				
Miscellaneous (33):													
Specimens	(19)	(16)	(30)	(30)	(30)	(33)	(33)	(33)	(27)	(27)	(27)	(27)	(27)
Total	163.3	69	3.48	3.83	90.9	167.3	83.05	2.52	147.1	175.7	6.51	83.7	83.7
Means	8.60					5.07			5.45				
COLORADO													
Montezuma Canyon (1): Mesa Verde (2):													
Specimens	(2)	(2)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(2)	(2)	(2)
Total	17.0	71	3.39	3.90	86.8	15.6	7.8	2.6	10.7	14.1	7.06	75.9	75.9
Means	8.5					5.2			5.35				

ARIZONA									
Salt River (62):									
Specimens	(42)	(46)	(46)	(13)	(37)	(27)			
Totals	51,715	318.6	588.1	89.2	64.5	261.7			
Means	1,231	6.93	12.78			9.69			
Old Hopi (3):									
Specimens	(3)	(2)	(3)		(2)				
Totals	3,735	13.8	38.3		64.6				
Means	1,245	6.9	12.77						
Elden (6):									
Specimens	(3)	(6)	(4)	(3)	(4)				
Totals	3,990	57.6	50.7	35.8	56.0				
Means	1,317	11.93	12.68						
Chaves Pass (17):									
Specimens	(15)	(14)	(10)	(10)	(10)	(12)			
Totals	18,350	97.2	126.6		54.3	113.9			
Means	1,237	6.94	12.66			9.66			
Petrified Forest (6):									
Specimens	(6)	(5)	(31)	(3)	(3)	(4)			
Totals	6,370	34.3	38.5	87.5	53.5	38.0			
Means	1,074	11.2	12.85			9.5			
Miscellaneous (40):									
Specimens	(35)	(31)	(29)	(18)	(26)	(24)			
Totals	219.3	217.7	373.3	89.8	54.6	231.1			
Means	14.47	7.02	12.87			9.63			

NOTE.—For Colorado (1) see detailed data.

PUEBLOS—Continued
ABSTRACT.—FEMALE—Continued
DEFORMED CRANIA—Continued

Locality	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, Mean	Orbits—Breadth, Mean	Orbital Index, Mean	Nose, height	Nose, breadth maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, <i>Index</i>	Lower Jaw, height at Symphysis
NEW MEXICO														
<i>Téwa:</i>														
Puyé (30)—														
Specimens.	(18)	(18)	(16)	°	(19)	(19)	(19)	(27)	(27)	(27)	(22)	(21)	(21)	(20)
Totals.	144.0	166.4	69	62	3.37	3.64	92.8	123.3	66.65	51.9	113.2	125.6	86.0	65.55
Means.	8.0	9.24						4.75	2.47		5.15	5.98		3.28
Other Téwa (84)—														
Specimens.	(25)	(28)	(24)	(23)	(26)	(26)	(26)	(30)	(30)	(30)	(26)	(26)	(26)	(22)
Totals.	213.4	265.3	69	61	3.59	3.64	98.0	143.35	74.65	62.1	136.4	160.3	85.1	71.4
Means.	8.51	9.47						4.78	2.49		5.23	6.17		3.25
P. Bonito and Chaco Canyon (7)—														
Specimens.	(3)	(4)	(3)	(3)	(6)	(6)	(6)	(6)	(6)	(6)	(4)	(3)	(3)	(3)
Totals.	25.2	38.9	74	57	3.46	3.76	89.2	29.2	14.8	50.7	20.0	18.7	10.9	10.9
Means.	8.4	9.72						4.87	2.47		5.0	6.23	(93.6)	3.57
Old Zuñi:														
Havikuh (18)—														
Specimens.	(11)	(14)	(11)	(10)	(16)	(16)	(16)	(15)	(15)	(15)	(14)	(14)	(14)	(17)
Totals.	89.4	129.4	69	61	3.38	3.74	89.9	70.85	37.6	63.1	71.4	87.2	82.4	53.7
Means.	8.13	9.24						4.72	2.51		5.10	6.23		3.28
Miscellaneous (8):														
Specimens.	(5)	(8)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)	(6)	(6)	(6)	(6)
Totals.	64.2	75.7	71	62	3.39	3.71	91.5	37.6	19.2	61.1	31.0	37.4	82.9	18.65
Means.	8.08	9.46						4.7	2.4		5.17	6.23		3.11

ARIZONA										
Salt River (62):										
Specimens	(32)	(26)	(55)	(55)	(54)	(54)	(53)	(42)	(40)	(39)
Totals	314.1	70	3.45	3.75	263.9	134.9	51.2	218.3	245.3	85.2
Means	9.81				4.89	2.5		5.2	6.13	
Old Hopi (3):										
Specimens	(2)		(5)	(5)	(3)	(3)	(3)			
Totals	19.2				14.65	7.45				
Means	9.6		3.60	3.65	4.88	2.48	30.9			
Elden (6):										
Specimens			(6)	(6)	(6)	(6)	(6)	(5)	(5)	(6)
Totals			3.47	3.68	30.3	14.95	49.3	25.4	31.8	19.5
Means					5.05	2.49		5.08	6.36	3.25
Chaves Pass (17):										
Specimens	(12)	(12)	(15)	(15)	(15)	(15)	(15)	(11)	(11)	
Totals	101.4				73.15	36.7		58.7	63.9	
Means	8.45	5.2	3.40	3.75	4.88	2.45	60.2	5.34	6.55	84.0
Petrified Forest (6):										
Specimens	(4)	(4)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Totals	32.4				24.05	12.55		26.5	31.9	16.2
Means	8.4		3.40	3.71	4.81	2.51	62.2	5.3	6.58	3.24
Miscellaneous (40):										
Specimens	(27)	(24)	(38)	(38)	(37)	(37)	(37)	(27)	(37)	(19)
Totals	223.4				181.1	92.45		144.9	169.1	64.5
Means	8.27	4.0	3.30	3.71	4.9	2.5	51.0	5.37	6.26	3.39

BASKET-MAKERS
SOUTHEASTERN UTAH, ROCKSHELTERS, CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabella ad max.)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height
306	A. M. N. H. (Hyde Expedition).	Grand Gulch Region.	Adult.		19.0	112.4	13.7	69.5	87.5	110.5	15.93		Moderate	12.0
92	do.	do.	do.		18.2	12.5	13.0	68.7	84.7	104.0	14.57	1,230	do.	13.0
378	do.	do.	do.		18.3	12.6	13.1	68.9	84.8	104.0	14.67	1,315	Considerable	
179	do.	do.	do.		18.0	12.4	13.7	68.9	90.1	110.2	14.70	1,300	Nearly all lost	
370	do.	do.	do.		18.1	12.5	13.7	68.9	90.1	110.2	14.70	1,285	Considerable	
823	do.	do.	do.		18.1	12.5	13.2	69.1	86.3	105.6	14.60	1,285	Slight	
245	do.	do.	do.		18.2	12.8	13.4	70.3	86.5	104.7	14.80	1,280	do.	12.4
79	do.	do.	do.		18.7	13.2	13.8	70.6	86.5	104.6	15.23	1,300	do.	12.6
239	do.	do.	do.		18.6	13.2	13.4	71.0	84.3	101.5	15.07	1,460	Moderate	
273	do.	do.	do.		18.0	12.8	13.4	71.1	87.0	104.7	14.73	1,300	do.	
196	do.	do.	do.		19.0	13.5	13.6	71.1	87.7	105.4	14.87	1,270	Slight	
228	do.	do.	do.		18.1	12.9	13.5	71.7	87.4	104.7	14.80	1,370	do.	11.1
93	do.	do.	do.		18.0	12.8	13.4	71.9	87.6	104.7	14.67	1,270	Considerable	
1008	do.	do.	do.		17.8	12.8	13.0	72.0	88.1	99.2	14.77	1,310	do.	11.5
271	do.	do.	do.		18.2	13.1	13.0	72.0	89.1	99.2	14.77	1,310	do.	13.9
270	do.	do.	do.		18.5	13.4	12.8	72.4	80.5	95.5	14.90	1,355	Slight	
133	do.	do.	do.		18.1	13.1	12.8	72.4	82.1	97.7	14.67	1,395	Moderate	
419	do.	do.	do.		17.7	12.9	12.9	72.9	81.3	100.0	14.60	1,320	Slight	11.2
320	do.	do.	do.		18.0	13.2	13.0	73.3	83.3	98.5	14.73	1,315	Moderate	
246	do.	do.	do.		18.1	13.4	13.4	74.0	86.1	101.5	14.70	1,325	do.	11.8
74	do.	do.	do.		17.7	13.1	13.3	74.0	86.1	101.5	14.70	1,305	do.	
860	do.	do.	do.		17.8	13.3	13.0	74.7	83.6	97.7	14.70	1,310	No wear	
187	do.	do.	do.		17.9	13.4	12.8	74.9	81.8	95.5	14.70	1,310	do.	11.6
a	do.	do.	do.		18.0	13.5	13.4	75.0	85.1	99.8	14.97	1,310	do.	
504	do.	do.	do.		17.8	13.4	13.1	75.3	84.0	97.8	14.77	1,310	do.	11.6

BASKET-MAKERS—Continued
SOUTHEASTERN UTAH, ROCKSHELTERS, CRANIA—Continued

MALE

Catalogue No.	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial angle	Alveolar angle	Orbits—Height, Mean	Orbits—Breadth, Mean	Orbital Index, Mean	Nose, height	Nose, breadth, maxm	Nasal Index	Upper Alveolar Arch, length maxm.	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis
306	7.2	13.5	88.9	53.3	10.5	9.2	10.7	72	52	3.3	3.8	86.8	5.1	2.55	60.0	7.0	7.0	3.75	
92	8.0	12.5	98.5	60.6	9.6	8.2	10.1	70	56	3.55	3.7	96.0	5.5	2.5	45.5	7.0	---	4.15	
378	---	13.2	---	---	8.2	8.2	9.5	71	---	3.55	3.75	94.7	5.1	2.5	49.0	---	---	3.2	
179	---	13.2	---	---	8.2	8.8	9.7	70	---	3.50	3.55	98.6	4.9	2.4	49.0	---	---	---	
379	---	13.2	---	---	8.5	8.8	9.8	68	---	3.6	3.7	97.5	5.0	2.35	47.0	---	---	3.55	
823	7.3	13.8	---	62.9	10.6	9.4	10.3	68	56	3.5	4.13	84.8	4.8	2.35	49.0	6.7	6.65	3.5	
245	7.2	13.6	91.2	62.9	8.9	7.9	9.4	71	57	3.5	3.95	88.6	5.15	2.65	---	6.7	---	3.5	
79	7.5	13.6	92.6	67.4	9.7	8.8	10.2	70	61	3.45	3.9	88.5	5.4	2.65	---	6.75	---	13.6	
239	7.5	13.8	---	---	10.5	9.2	10.0	66	52	3.40	3.65	93.2	5.4	2.5	48.5	7.1	---	---	
275	7.2	13.6	---	62.9	8.9	7.6	9.6	72	56	3.50	3.80	92.1	5.3	2.75	52.9	7.1	---	---	
106	---	---	---	---	9.8	8.5	9.6	72	56	3.4	3.72	91.1	5.3	2.6	49.1	7.1	---	---	
228	8.4	13.5	---	62.2	10.0	8.6	10.2	61	53	3.65	3.85	94.8	5.75	2.7	46.8	7.15	---	---	
403	7.0	13.3	83.5	52.6	9.8	8.6	10.0	71	52	3.45	3.7	95.2	4.0	2.5	50.0	7.15	---	3.5	
1008	7.2	13.1	---	55.0	10.0	8.9	10.1	70	57	3.38	3.8	89.2	4.85	2.55	61.6	6.8	---	---	
271	7.3	12.0	---	66.6	9.8	8.2	9.7	68	49	3.7	3.75	96.7	3.3	2.55	48.1	6.0	---	3.15	
270	8.1	13.5	103.0	60.0	9.8	8.2	9.8	66	51	3.5	3.75	95.3	3.3	2.7	60.9	6.7	---	4.35	
133	7.0	13.2	---	53.0	9.1	8.2	9.8	74	58	3.2	3.5	91.4	4.1	2.5	49.0	6.6	---	3.45	
419	6.8	13.3	---	51.1	9.3	8.2	9.4	70	55	3.3	3.75	90.7	3.7	2.6	65.3	6.5	---	---	
320	7.5	12.8	---	68.6	9.4	8.6	9.8	70	63	3.4	3.75	90.8	3.7	2.65	51.6	6.0	---	---	
246	8.1	13.5	---	60.0	9.8	8.5	9.9	49	49	3.45	3.8	90.8	5.5	2.6	47.5	7.55	---	---	
74	7.1	13.2	89.4	53.8	9.8	8.5	10.0	70	49	3.7	3.82	96.9	5.1	2.35	61.9	6.1	---	3.7	
869	---	---	---	---	8.5	8.5	9.9	70	---	3.07	3.82	96.1	5.3	2.75	46.1	---	---	3.2	
187	7.5	13.2	---	66.8	9.8	8.6	10.1	70	52	3.52	3.97	88.7	5.5	2.65	48.2	6.8	---	---	
a	7.1	13.3	87.2	63.4	9.2	8.1	9.4	70	56	3.43	3.53	97.2	4.85	2.55	62.6	6.5	---	3.1	
504	7.0	13.2	87.9	63.0	9.6	8.5	10.0	72	50	3.75	3.98	94.2	5.25	2.55	43.6	6.5	---	3.25	
104	8.4	14.2	93.0	69.2	9.7	8.7	10.6	72	55	3.65	3.9	87.2	5.0	2.7	54.0	6.5	---	3.6	
643	7.4	13.2	93.2	66.1	9.5	8.3	9.3	60	55	3.4	3.9	87.2	5.0	2.7	54.0	6.5	---	3.8	

75	7.2	14.0	86.4	51.4	9.8	8.9	10.3	73	57	3.3	3.87	85.3	2.3	43.0	6.75	3.5
76	7.9	14.2	90.1	55.6	9.9	8.7	10.2	69	54	3.6	3.9	92.3	2.4	40.7	6.6	3.9
304	7.3	14.0	87.1	52.1	10.1	8.9	10.0	69	53	3.55	3.85	92.2	2.4	49.5	6.7	3.75
189	7.1	13.8	86.2	51.4	9.3	8.3	9.6	71	58	3.35	3.7	90.5	2.45	53.0	6.8	3.6
602	7.0	12.8	85.2	54.7	9.3	8.3	9.5	66	49	3.47	3.52	90.8	2.45	51.6	6.8	3.3
80	7.4	14.3	89.5	51.8	9.8	8.4	9.5	66	49	3.45	3.8	90.8	2.4	47.1	6.3	4.0
1013	7.3	13.5	85.2	54.1	9.6	8.3	10.0	71	53	3.37	3.92	86.0	2.35	47.5	6.6	3.35
55	7.0	13.2	90.2	53.0	9.4	8.3	9.8	72	55	3.17	3.82	83.0	2.45	50.0	6.6	3.55
138	6.6	14.3	86.4	51.4	9.1	7.9	9.5	70	51	3.6	3.9	92.9	2.5	46.7	6.4	3.55
1012	7.3	14.3	86.4	51.0	9.1	7.9	9.5	70	51	3.52	3.97	88.7	2.45	46.7	6.5	3.55
288	7.3	14.3	86.4	51.0	9.1	7.9	9.5	70	51	3.32	3.85	86.2	2.5	49.5	6.5	3.55
78	7.3	14.3	86.4	51.0	9.1	7.9	9.5	70	51	3.25	3.6	90.3	2.6	52.0	6.5	3.55
311	7.3	14.3	86.4	51.0	9.1	7.9	9.5	70	51	3.55	3.87	91.7	2.35	46.7	6.5	3.55
111	7.3	14.3	86.4	51.0	9.1	7.9	9.5	70	51	3.55	3.87	91.7	2.35	46.7	6.5	3.55
240	7.3	14.3	86.4	51.0	9.1	7.9	9.5	70	51	3.55	3.87	91.7	2.35	46.7	6.5	3.55
Number of skulls																
Totals	(32)	(36)	(21)	(32)	(29)	(33)	(33)	(29)	(28)	(40)	(39)	(59)	(41)	(40)	(33)	(24)
Averages	233.5	485.2	89.61	54.72	280.5	280.2	326.3	70	65	138.9	148.14	91.96	210.5	100.95	219.4	85.80
Minima	7.58	13.48	83.5	51.0	9.67	8.46	9.89	66	49	3.47	3.80	83.0	5.13	42.2	6.65	3.58
Maxima	6.6	12.5	103.0	62.2	8.9	7.9	9.3	74	63	3.17	3.5	95.7	4.6	40.7	5.9	3.1
	8.4	14.3			10.6	9.4	10.7			3.75	4.13		5.75	55.5	7.55	4.35

1 Near.

BASKET-MAKERS—Continued
SOUTHEASTERN UTAH, ROCKSHELTERS, CRANIA—Continued
FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)
282	A. M. N. H. (Hyde Expedition)	Grand Gulch	Region Adult . . . . .	.....	17.6	12.3	12.5	69.9	82.6	101.6	14.13	1,160	Moderate	10.9
307	do.	do.	do.	.....	17.6	12.4	12.8	70.5	85.3	103.2	14.27	1,220	Considerable	11.9
116a	do.	do.	do.	.....	17.5	12.4	12.9	70.9	86.3	104.0	14.27	1,210	do.	13.1
206a	do.	do.	do.	.....	17.2	12.4	13.0	72.1	87.8	104.8	14.20	1,170	.....	.....
790	do.	do.	do.	.....	17.4	12.6	12.8	72.4	85.3	101.6	14.27	1,220	.....	.....
638	do.	do.	do.	.....	17.2	12.5	12.9	72.7	86.9	103.2	14.20	1,135	.....	.....
1010	do.	do.	do.	.....	17.2	12.6	12.2	73.8	81.9	96.8	14.00	1,115	.....	11.2
534	do.	do.	do.	.....	17.4	12.9	13.2	74.1	84.4	102.3	14.50	1,280	No wear	11.3
113a	do.	do.	do.	.....	17.2	12.8	12.6	74.4	80.0	93.8	14.00	1,105	.....	11.3
412	do.	do.	do.	.....	16.9	12.6	13.0	74.6	88.1	103.2	14.17	1,230	.....	11.1
321	do.	do.	do.	.....	17.2	13.0	13.0	75.6	86.1	100.0	14.40	1,230	Considerable	11.9
103	do.	do.	do.	.....	16.8	12.7	12.8	75.6	86.8	100.8	14.10	1,235	.....	11.3
1	do.	do.	do.	.....	17.4	13.2	12.7	75.9	83.0	93.2	14.43	.....	.....	.....
308	do.	do.	do.	.....	16.9	13.0	12.8	76.9	85.6	98.5	14.23	.....	No wear . . . . .	.....
635	do.	do.	do.	.....	17.7	13.7	12.8	77.4	81.5	93.4	14.73	.....	All lost . . . . .	.....
516	do.	do.	do.	.....	16.4	12.7	12.2	77.1	83.9	96.1	13.77	1,050	.....	.....
326	do.	do.	do.	.....	16.6	12.9	12.7	77.7	86.1	98.5	14.07	1,125	.....	.....
408	do.	do.	do.	.....	16.4	12.8	12.4	78.0	84.9	93.9	13.87	1,180	.....	10.4
503	do.	do.	do.	.....	16.7	13.2	12.6	73.0	84.3	95.5	14.17	1,180	Considerable	10.6
511	do.	do.	do.	.....	16.7	13.5	12.7	80.8	84.1	94.1	14.30	1,160	.....	.....
552	do.	do.	do.	.....	16.2	13.6	(12.2)	(84.0)	(81.9)	(89.7)	14.00	1,160	.....	11.6
d	do.	do.	do.	Atypical	(16.2)	(13.6)	(12.2)	(89.0)	(92.8)	(95.8)	14.30	.....	.....	.....
8	do.	do.	do.	Slight occipital	(15.5)	(13.5)	(13.6)	(94.0)	(92.8)	(95.2)	14.57	1,175	.....	10.8
b	do.	do.	do.	Marked occipital	(15.1)	(14.2)	(13.8)	(94.2)	(92.8)	(95.2)	14.30	.....	.....	.....
244	do.	do.	do.	do.	(15.4)	(14.5)	12.7	(94.2)	(92.8)	(95.2)	14.30	.....	.....	.....
100	do.	do.	do.	Occipital compression	17.4	13.7	12.7	.....	.....	.....	.....	.....	.....	.....
Number of skulls	(21)	(20)	(21)	.....	.....	.....	.....	(30)	(20)	(20)	(23)	(19)	.....	(13)
Totals	336.4	256.2	296.7	.....	.....	.....	296.7	.....	.....	.....	326.95	22,320	.....	147.4
Averages	17.11	12.82	12.70	.....	.....	.....	12.70	74.31	84.92	89.14	14.92	1,175	.....	11.34
Minima	16.4	12.3	12.0	.....	.....	.....	12.0	69.9	80.0	93.4	13.77	1,030	.....	10.4
Maxima	17.7	13.7	13.2	.....	.....	.....	13.2	80.8	88.1	104.8	14.73	1,280	.....	13.1

Catalogue No.	Alveol. Pt.-Nasion	Diam. Bizygomatic	Facial Index, total	Facial Index, upper	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, Mean	Orbits—Breadth, Mean	Orbital Index, Mean	Nose, height	Nose, breadth maxm.	Nasal Index	Upper alveolar Arch, Length maxm.	Upper Alveolar Arch, Breadth maxm.	Upper Alveolar Arch	Lower Jaw, height of Symphysis	
282	6.7	12.3	88.6	54.5	9.1	0.0	9.4	71°	53	3.4	3.8	89.5	4.7	2.35	50.0	5.6			3.6	
307	7.3	13.0	91.5	56.2	9.3	2.2	9.8	71	55	3.4	3.75	90.7	3.1	2.4	47.1	6.3			3.3	
116a	7.1	12.7	105.2	55.9	9.3	8.0	9.5	69	52	3.4	3.75	90.7	4.7	2.5	53.2	6.9			3.7	
296a	6.9	12.7	105.2	54.9	9.0	7.9	9.1	68	55	3.25	3.65	89.0	4.6	2.5	54.9	6.9			3.9	
790							9.8	67	50	3.15	3.47	90.8	4.65	2.5	52.8	6.3			3.5	
638	6.7	12.0	93.9	55.8	9.8	8.6	9.5	68	53	3.22	3.92	82.1	4.6	2.6	66.5	6.2			3.85	
1010	6.6	11.8	85.9	55.9	9.7	8.6	9.5	68	53	3.22	3.92	82.1	4.6	2.6	66.5	6.2			3.85	
534	6.9	13.6	85.1	50.7	10.4	9.0	10.0	67	49	3.37	3.6	93.6	4.7	2.5	63.2	6.95			3.15	
1133	6.7	12.3	91.9	54.5	9.0	8.2	9.1	69	60	3.1	3.07	84.5	4.8	2.6	54.2	6.4			3.2	
412	7.0	12.6	88.1	55.6	9.8	8.4	9.9	70	60	3.2	3.05	87.7	4.95	2.6	52.5	6.8			3.3	
321	7.0	12.1	98.4	57.8	9.4	8.1	9.4	68	51	3.3	3.6	91.7	4.8	2.3	47.9	6.4			3.3	
103	7.1	12.2	92.6	58.2	8.7	7.5	9.0	69	54	3.45	3.72	92.7	4.8	2.55	53.1	6.4			3.3	
1	7.0	13.1	92.6	53.4	9.0	7.8	9.0	68	54	3.5	3.9	89.7	4.8	2.55	53.1	6.4			3.3	
308	6.7	12.8	82.8	52.8	9.1	8.2	9.2	70	58	3.32	3.05	84.8	4.75	2.6	54.7	6.45			3.1	
635	6.7	12.7	92.6	52.8	9.1	8.2	9.2	70	58	3.43	3.85	89.6	4.7	2.65	56.4	6.45			3.1	
516	6.8	12.5	87.4	51.5	10.0	8.1	9.0	68	52	(3.0)	3.72	(80.7)	4.75	2.6	54.7	6.45			3.1	
326	6.8	11.9	87.4	51.5	8.8	7.8	9.1	73	54	2.97	3.4	87.4	4.35	2.2	50.6	5.9			2.9	
408	6.1	12.9	84.7	55.2	9.8	8.7	9.6	69	55	3.27	3.9	83.9	4.65	2.45	52.7	6.0			3.45	
503	6.7	12.9	84.7	55.2	9.8	8.7	9.6	69	55	3.27	3.9	83.9	4.65	2.45	52.7	6.0			3.45	
511	7.1	12.9	86.2	56.0	1(9.0)	7.8	9.5	(72)	(52)	3.6	3.78	95.2	5.05	2.4	47.5	6.0			3.35	
552	6.8	13.0	86.2	56.3	9.5	8.4	9.2	67	53	3.22	3.7	87.0	4.85	2.5	51.5	(6.65)			3.75	
d	6.6	12.3	86.2	53.7	9.5	8.4	9.2	67	53	3.42	3.47	98.6	4.8	2.2	45.8	6.1			3.15	
8	6.4	12.9	88.7	49.6	9.2	8.2	9.6	72	55	3.27	3.72	87.9	4.55	2.2	48.9	6.1			3.15	
b	6.4	12.9	88.7	49.6	9.2	8.2	9.6	72	55	3.27	3.72	87.9	4.55	2.2	48.9	6.1			3.15	
244	7.0	12.7	85.5	54.5	9.5	8.3	9.4	68	51	3.5	3.65	95.9	4.95	2.4	48.5	6.55			3.15	
100	7.2	12.5	85.5	54.5	9.5	8.3	9.4	68	51	3.5	3.65	95.9	4.95	2.4	48.5	6.55			3.15	
Number of skulls—	(22)	(21)	(18)	(19)	(19)	(21)	(24)	(19)	(18)	(22)	(23)	(22)	(22)	(22)	(22)	(16)	(16)			(13)
Totals.....	150	204.0	178.4	225.5	178.4	172.6	225.5	69	63	71.24	85.42	(22)	105.3	54.15	101.2	101.2			43.0	
Averages.....	6.84	12.57	90.52	54.21	9.30	8.22	9.40	69	53	3.71	3.71	90.87	4.79	2.46	51.43	6.53			3.39	
Minima.....	6.1	11.8	83.1	49.6	8.7	7.5	8.6	67	48	2.97	3.4	82.1	4.35	2.2	45.8	5.6			2.9	
Maxima.....	7.3	13.6	103.2	58.2	10.4	9.0	10.0	73	60	3.6	3.95	98.6	5.5	2.65	66.5	6.95			3.85	

1 Near.

NAVAHO
NEW MEXICO CRANIA
MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. anteroposterior maxm. (glabella ad maximum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (3)	Alveol. Pt. Nasion height (b)						
243784	A. M. M.	New Mexico 1	60	.....	2 19.2	13.7	14.8	71.4	90.0	108.0	15.90	1,715	Considerable	.....	7.7				
243780	do	do	30	.....	18.1	13.7	14.1	74.5	87.9	102.9	15.40	1,510	Slight	.....	.....				
243779	do	Fort McKee	25	.....	17.4	13.0	13.8	74.7	90.8	106.2	14.73	1,345	No wear	11.2	6.9					
243499	do	Near Fort Defiance	35	.....	18.6	14.1	13.4	74.8	88.7	102.7	15.70	1,620	Slight	13.0	7.7					
334051	N. M. Judd, N. G. S.	Near Pueblo Bonito	50	.....	16.6	14.4	13.5	86.8	87.1	93.8	14.83	1,375	Medium	12.0	7.5					
243782	A. M. M.	Near Fort Sumner	60	Slight	17.2	15.3	14.0	89.0	86.2	91.5	15.50	1,515	Moderate	.....	7.9					
Number of skulls	.....	.....	.....	.....	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	.....	(3)	(5)	
Totals	.....	.....	.....	.....	107.4	84.2	81.6	78.40	88.91	100.48	92.06	9,080	.....	36.2	37.7	
Averages	.....	.....	.....	.....	17.90	14.08	14.16	78.82	88.91	100.48	15.84	1,515	.....	12.07	7.54	
Catalogue No.	Diam. Bizygomatic maxm. (c)	Facial Index, total (a x 100) / c	Facial Index, upper (b x 100) / c	Basion-Alveolar Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height; Right	Orbits—Height; Left	Breadth, Right	Orbits—Breadth, Left	Orbital Index, Right	Orbital Index, Left	Nose, Height	Nose, Breadth	Nasal Index	Upper Alveolar Arch, Length maxm.	Upper Alveolar Arch, Breadth maxm.	Upper Alveolar Arch, Index	Lower Jaw at Symphysis	
243784	14.8	52.0	10.2	11.5	76°	59°	3.75	3.75	4.1	4.1	85.7	91.6	5.5	2.65	48.2	3.65	
243780	12.5	89.6	55.2	9.8	10.2	73°	62°	3.3	3.85	3.8	3.85	87.7	86.8	4.95	2.35	47.5	5.4	6.2	87.1	3.2	
229079	14.3	90.0	53.8	9.4	10.2	73°	56°	3.7	4.0	4.0	4.0	92.5	92.5	5.2	2.5	48.1	5.4	6.7	80.6	4.1	
243499	14.2	84.5	52.8	9.5	10.0	71°	57°	3.5	3.7	3.7	3.7	94.6	94.6	5.1	2.55	50.0	5.5	6.3	87.3	3.3	
334051	13.9	56.8	10.1	10.1	70°	48°	3.1	3.9	3.9	3.9	94.9	94.9	5.15	2.4	46.6	5.8	6.6	87.9	
243782
Number of skulls	(5)	(3)	(5)	(5)	(6)	(5)	(5)	(4)	(4)	(4)	(5)	(4)	(5)	(5)	(5)	(5)	(5)	(4)	(4)	(4)	(4)
Totals	68.7	88.29	54.06	49.0	62.2	72°	56°	17.95	15.45	19.50	19.50	91.91	92.05	25.9	12.49	48.07	22.1	25.8	25.8	14.25	
Averages	13.94	88.29	54.06	9.8	10.57	72°	56°	3.59	3.86	3.90	3.90	91.91	92.05	5.18	2.49	48.07	5.53	6.46	85.06	3.56	

1 Exact locality not known.

1 Near.

NAVAHO—Continued
NEW MEXICO CRANIA—APACHE-LIKE

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. anteroposterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. P.-Nasion height (b)																													
226005	A. M. M.	New Mexico ¹	30	-----	18.1	14.7	13.3	81.2	81.1	90.6	15.37	1,515	No wear	12.8	7.8																													
Catalogue No.	226005	Basion-Alveolar Pt.	10.5	Basion Subnasal Pt.	9.4	10.8	Basion-Nasion	Facial Angle	71	Alveolar Angle	58	3.35	Orbits—Height, Left	3.4	Orbits—Breadth, Right	3.95	Orbits—Breadth, Left	3.95	Orbital Index, Right	84.8	Orbital Index, Left	86.1	Nose, Height	5.35	Nose, Breadth max.	2.8	Nasal Index	62.3	Upper Alveolar Arch, Length max.	5.9	Upper Alveolar Arch, Breadth max.	6.9	Upper Alveolar Arch, Index	85.6	Lower Jaw, Height at Symphysis	3.9								
																																					14.2	Diam. Bityomatic max. (c)	90.1	Facial Index, total	$\left(\frac{c}{a \times 100}\right)$	54.9	Facial Index, upper	$\left(\frac{c}{b \times 100}\right)$

¹ Exact locality not known.² Near.

NAVAHO—Continued
NEW MEXICO CRANIA
FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxm. (glabella ad maxmum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, Wear	Menton-Nasion height (a)	Alveol. Pt. Nasion height (b)
228017	A. M. N.		35		17.4	13.2	13.3	75.9	86.9	100.8	14.63	1,265	Slight to moderate.	11.6	7.4
243779	do	Bosque Rodondo Reservation	22		17.7	13.0	12.6	78.5	79.8	90.7	14.73	1,390	No wear.		7.2
243505	do	Near Fort Defiance	40		17.9	14.4	13.4	80.5	83.0	93.1	15.23	1,500	Moderate.		7.5
243783	do	Near Fort Summer	35		17.4	14.2	13.6	81.6	86.1	95.8	15.07	1,325	Slight	11.5	7.3
243504	do	Near Fort Defiance	50		16.8	13.9	13.6	82.7	88.6	97.8	14.77	1,280			7.4
225080	do	Fort Wingate	70		17.2	14.3	14.0	83.1	88.9	97.9	15.17	1,300	Considerable		7.2
225078	do	Near Fort Summer	55	Slight	16.2	13.6	13.3	84.0	89.3	97.8	14.37	1,215	do	11.2	6.9
225077	do	Near Fort Union	30		16.4	13.8	12.3	84.2	81.6	89.1	14.17	1,205	Very slight	10.6	6.6
243778	do	Bosque Rodondo Reservation	40		16.9	14.3	13.3	84.6	85.5	93.0	14.83	1,380	Slight		7.1
243497	do	Fort Wingate	40		16.7	14.3	12.7	85.6	81.9	88.8	14.57	1,425	do	11.6	7.2
243781	do	Near Fort Summer	60		17.1	15.0		87.7				1,530	All lost		7.2
Totals					(11)	(11)	(10)	(11)	(10)	(10)	(10)	14,815		(5)	(11)
Averages					187.7	154.9	132.1	82.5 ²	85.09	94.42	147.54	1,565		56.5	79.0
Minima					17.06	14.08	13.21	82.5 ²	79.8	88.8	14.76	1,475		11.3	7.18
Maxima					16.2	13.2	12.3	87.7	89.5	100.8	14.17	1,205		10.6	6.6
					17.9	15.0	14.0	87.7	89.5	100.8	15.23	1,530		11.6	7.5

Catalogue No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\frac{c}{(a \times 100)}$	Facial Index, upper $\frac{c}{(b \times 100)}$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth maximm	Nasal Index	Upper Alveolar Arch, length maximm.	Upper Alveolar Arch, breadth maximm.	Upper Alveolar Arch, Index	Lower Jaw, Height at Sumpsysis	
228017	13.1	88.6	56.5	10.2	9.0	10.2	69	54	3.2	3.3	3.85	3.75	88.1	88.0	5.1	2.55	60.0	5.4	6.4	84.4	3.4	
243779	12.9		55.8	9.7	8.6	9.9	70	53	3.5	3.4	3.95	4.0	88.6	85.0	5.2	2.6	60.0	5.4	6.3	86.7		
243505	13.5		65.6	10.2	8.8	10.0	67	53	3.4	3.4	3.8	3.7	89.5	91.9	4.9	2.7	56.1	5.8	6.7	86.6		
243783	13.5		54.1	9.6	8.4	9.9	70	51	3.4	3.5	3.8	3.9	89.5	89.7	5.2	2.8	59.3	5.2	6.3	82.6	3.25	
243504	13.6		64.4	9.9	8.6	10.0	69	51	3.4	3.4	3.9	3.9	87.2	87.2	5.2	2.8	63.9	5.6	6.8	82.4		
225080	13.6		52.9	9.9	8.2	9.9	74	61	3.4	3.4	3.9	3.9	88.2	88.2	5.15	2.7	59.4	5.0	6.3	79.4	3.6	
225078	13.1		52.7	9.0	8.2	9.7	74	48	3.5	3.35	3.9	3.8	90.3	90.4	5.0	2.6	52.0	5.0	6.2	89.9	3.4	
225077	12.8		51.6	9.2	8.0	9.0	67	48	3.5	3.3	3.6	3.65	90.9	90.9	4.8	2.35	49.0	5.2	6.2	88.9	3.0	
243778	12.9		55.0	9.0	8.4	9.9	67	56	3.6	3.4	3.9	3.9	92.3	92.3	5.1	2.3	45.1	5.0	6.1	82.0	3.6	
243407	13.1		55.0	9.4	8.4	9.2	66	56	3.6	3.6	3.9	3.9	92.3	92.3	5.2	2.5	48.1	5.0	6.1	82.0	3.6	
243781	13.8		52.2	9.4	8.4	9.2	66	56	3.5	3.45	3.8	3.8	92.1	90.8	5.15	2.5	48.5	5.0	6.1	82.0	2.9	
Number of skulls	(11)	(5)	(11)	(8)	(10)	(10)	(8)	(8)	(10)	(10)	(10)	(10)	(10)	(10)	(11)	(11)	(11)	(8)	(8)	(8)	(8)	(7)
Totals	145.9		54.16	77.2	84.6	97.7	69	53	34.0	34.1	38.15	38.05	89.12	89.62	56.05	28.4	42.6	51.1	51.1	83.57	23.15	
Averages	13.26		51.6	9.65	8.46	9.77	69	53	3.4	3.41	3.82	3.81	89.1	89.0	5.10	2.68	50.67	5.28	6.39	83.57	3.31	
Minima	12.8		51.6	9.0	8.0	9.0	66	48	3.2	3.3	3.6	3.65	85.1	85.0	4.8	2.3	46.1	5.0	6.1	79.4	2.9	
Maxima	13.8		56.5	10.2	9.0	10.2	74	61	3.6	3.6	3.95	4.0	95.9	98.2	5.25	2.8	65.1	5.8	6.8	86.6	3.6	

? Near.

GENERAL COMPARISONS

CRANIAL INDICES IN UNDEFORMED SKULLS

	Males						Females					
	Cranial Index		Mean Height Index H: Mean of L+B		Height-Breadth Index $\frac{H \times 100}{B}$		Cranial Index		Mean Height Index		Height-Breadth Index	
	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means
Southern Utah.....	(33)	73.0	(30)	85.4	(30)	101.3	(20)	73.9	(20)	84.9	(20)	99.1
Dolichoecranic, New Mexico	(3)	73.3	(3)	85.0	(3)	100.5	(5)	72.4	(3)	84.2	(3)	98.9
Salt River.....	(2)	75.4					(4)	76.5	(4)	88.5	(4)	102.1
Old Zuñi (Havikuh).....	(34)	75.9	(30)	86.4	(30)	100.1	(51)	80.1	(48)	86.5	(48)	97.1
Mesocranic, New Mexico.....	(3)	77.8	(3)	85.9	(3)	98.1						
Téwa, Kwasteyukwa.....	(3)	79.1	(2)	88.0	(3)	102.2	(3)	78.8	(3)	85.7	(3)	97.2
Téwa, Giusiwa.....	(2)	79.5	(3)	87.3	(3)	98.5						
Téwa, Otowi.....	(3)	79.9	(2)	84.8	(2)	96.0						
Téwa, Puyé.....	(6)	83.8	(6)	89.1	(6)	97.7	(3)	83.6	(3)	86.2	(3)	94.6
Miscellaneous, Arizona.....	(3)	84.1	(2)	88.2	(2)	96.8	(6)	77.8	(4)	85.9	(4)	95.9
Brachyranic, New Mexico.....	(3)	84.4	(3)	89.6	(3)	97.9	(5)	87.9	(2)	86.8	(2)	94.2

FACIAL INDICES IN UNDEFORMED SKULLS

	Males				Females			
	Facial Index Total		Facial Index Upper		Facial Index Total		Facial Index Upper	
	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means
Southern Utah.....	(21)	89.6	(32)	54.7	(13)	90.3	(19)	54.2
Dolichoecranic.....			(2)	53.9	(2)	87.5	(2)	53.3
Salt River.....							(3)	54.3
Old Zuñi.....	(28)	90.5	(30)	54.3	(35)	89.2	(39)	53.6
Mesocranic.....								
Téwa, Kwasteyukwa.....	(3)	88.4	(3)	53.2				
Téwa, Giusiwa.....	(2)	84.1	(2)	50.7				
Téwa, Otowi.....			(2)	52.0				
Téwa, Puyé.....	(3)	82.8	(3)	49.8			(2)	50.9
Brachyranic, New Mexico.....	(3)	82.1	(3)	51.2			(2)	55.1
Miscellaneous, Arizona.....			(2)	57.5			(3)	57.0

FACIAL INDICES IN DEFORMED SKULLS

<i>New Mexico:</i>								
Téwa.....	(7)	88.2	(8)	52.3	(18)	86.1	(24)	52.9
Puyé.....	(10)	85.7	(12)	52.9	(14)	88.1	(15)	53.7
Chaco Cañon.....	(5)	90.6	(7)	53.4				
Old Zuñi.....	(8)	88.1	(8)	53.0	(8)	86.9	(7)	52.7
Miscellaneous.....	(4)	86.9	(7)	52.2	(6)	84.8	(6)	52.7
<i>Arizona:</i>								
Salt River.....	(12)	88.1	(31)	55.5	(13)	89.2	(37)	54.3
Old Hopi.....			(4)	56.2			(2)	54.6
Elden.....	(3)	88.1	(3)	53.5	(3)	93.8	(4)	56.0
Chaves Pass.....			(6)	54.9			(10)	54.3
Petrified Forest.....	(7)	90.1	(8)	54.3	(3)	87.3	(3)	53.5
Miscellaneous.....	(8)	89.3	(15)	54.6	(18)	89.8	(26)	54.6

GENERAL COMPARISONS—Continued

ORBITAL, NASAL, AND DENTAL ARCH INDICES IN UNDEFORMED SKULLS

	Males						Females					
	Mean Orbital Index		Nasal Index		Dental Arch Index		Mean Orbital Index		Nasal Index		Dental Arch Index	
	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means
Southern Utah.....	(39)	91.3	(40)	49.2	-----	-----	(22)	90.9	(22)	51.4	-----	-----
Dolichocranic, New Mexico	(3)	88.9	(3)	49.7	-----	-----	(3)	(96.2)	(3)	51.0	(5)	86.4
Salt River.....	-----	-----	-----	-----	-----	-----	(4)	89.9	(4)	52.6	(3)	81.6
Old Zuñi.....	(30)	92.3	(32)	49.3	(27)	83.8	(44)	93.7	(44)	52.7	(38)	85.1
Mesocranic, New Mexico.....	(3)	89.9	(3)	49.0	(3)	81.2	-----	-----	-----	-----	-----	-----
Kwasteyukwa.....	(3)	92.5	(3)	51.2	(3)	82.8	(3)	91.6	(3)	50.7	-----	-----
Giusiwa.....	(2)	89.2	(3)	52.8	(2)	84.2	-----	-----	-----	-----	-----	-----
Otowi.....	(3)	96.8	(2)	52.4	(2)	82.3	-----	-----	-----	-----	-----	-----
Puyé.....	(4)	92.0	(5)	52.5	(4)	83.4	(2)	89.5	(2)	53.2	-----	-----
Brachyranic, New Mexico.....	(3)	(85.8)	(3)	50.3	(3)	86.7	(2)	92.6	(2)	52.8	-----	-----
Miscellaneous, Arizona.....	(4)	92.0	(4)	49.8	(2)	85.0	(5)	95.4	(4)	50.8	(2)	84.3

ORBITAL, NASAL, AND DENTAL ARCH INDICES IN DEFORMED SKULLS

Colorado.....	(3)	86.8	(3)	50.0	-----	-----	-----	-----	-----	-----	-----	-----
<i>New Mexico:</i>												
Téwa (excluding Puyé).....	(14)	90.5	(16)	52.8	(13)	85.9	(26)	93.0	(30)	52.1	(26)	85.1
Puyé.....	(15)	90.9	(17)	48.6	(11)	84.0	(19)	92.8	(27)	51.9	(21)	86.0
Chaco Cañon.....	(8)	91.4	(11)	48.6	(7)	81.5	(6)	89.2	(6)	50.7	-----	-----
Old Zuñi.....	(11)	92.1	(12)	49.5	(8)	83.1	(16)	89.9	(15)	53.1	(14)	82.4
Miscellaneous.....	(9)	89.8	(9)	51.6	(6)	85.4	(8)	91.5	(8)	51.1	(6)	82.9
<i>Arizona:</i>												
Salt River.....	(48)	91.6	(51)	48.4	(32)	82.0	(55)	91.9	(53)	51.2	(39)	85.2
Old Hopi.....	(5)	89.9	(5)	49.7	(4)	85.9	(5)	96.6	(3)	50.9	-----	-----
Elden.....	(6)	89.3	(7)	50.9	(4)	81.5	(6)	94.2	(6)	49.3	(5)	79.9
Chaves Pass.....	(15)	92.1	(16)	47.4	(10)	84.8	(15)	90.6	(15)	50.2	(11)	84.0
Petrified Forest.....	(10)	93.8	(12)	48.0	(12)	82.4	(5)	91.8	(5)	52.2	(5)	83.1
Miscellaneous.....	(30)	90.9	(33)	49.6	(27)	83.7	(38)	91.2	(37)	51.0	(27)	85.7

FACIAL ANGLES IN UNDEFORMED SKULLS

	Males				Females			
	Facial Angle		Alveolar Angle		Facial Angle		Alveolar Angle	
	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means
Southern Utah.....	-----	-----	-----	-----	(19)	69	(18)	53
Dolichocranic, New Mexico	(29)	70	(28)	55	(2)	67	-----	-----
Salt River.....	-----	-----	-----	-----	(4)	71	-----	-----
Old Zuñi.....	(23)	70	(23)	52	(39)	69	(39)	51
Mesocranic, New Mexico.....	(5)	69	(3)	53	-----	-----	-----	-----
Téwa, Kwasteyukwa.....	(3)	69.5	(3)	50	(2)	68	(2)	50
Téwa, Giusiwa.....	(2)	68	(2)	48.5	-----	-----	-----	-----
Téwa, Otowi.....	(2)	67.5	(2)	45.5	-----	-----	-----	-----
Téwa, Puyé.....	(5)	72	(5)	54	(2)	68	(2)	44
Brachyranic, New Mexico.....	(3)	69.5	(3)	48.5	(2)	65.5	(2)	43.5
Miscellaneous, Arizona.....	(2)	69	(2)	49.5	-----	-----	-----	-----

FACIAL ANGLES IN DEFORMED SKULLS

Colorado.....	(2)	71	(2)	53	-----	-----	-----	-----
<i>New Mexico:</i>								
Téwa.....	(11)	68	(11)	49.5	(24)	69	(23)	51
Puyé.....	(9)	69	(9)	56	(16)	69	(16)	52
Chaco Cañon.....	(8)	73	(8)	57	(3)	74	(3)	57
Old Zuñi.....	(8)	69	(8)	54	(11)	69	(10)	51
Miscellaneous.....	(3)	71	(3)	54	(7)	71	(7)	52
<i>Arizona:</i>								
Salt River.....	(10)	71	-----	-----	(26)	70	-----	-----
Old Hopi.....	-----	-----	-----	-----	-----	-----	-----	-----
Elden.....	(3)	69	(3)	51	-----	-----	-----	-----
Chaves Pass.....	(9)	69	(9)	52	(12)	69	(12)	52
Petrified Forest.....	(8)	70	(8)	51	(4)	69	(4)	48
Miscellaneous.....	(16)	69	(16)	52	(24)	70	(24)	49

GENERAL COMPARISONS—Continued

CRANIAL MODULE AND CRANIAL CAPACITY IN UNDEFORMED SKULLS

	Males				Females			
	Module (Mean Diam.), cm.		Capacity, c. c.		Module (Mean Diam.), cm.		Capacity, c. c.	
	Specimens	Means	Specimens	Means	Specimens	Means	Specimens	Means
Southern Utah.....	(33)	14.86	(31)	1,342	(23)	14.22	(19)	1,175
Dolichoecranic, New Mexico.....	(3)	14.93	(3)	1,358	(3)	14.21	(4)	1,204
Salt River.....					(4)	14.39	(4)	1,214
Old Zuñi.....	(30)	14.76	(27)	1,305	(50)	14.09	(43)	1,166
Mesocranic, New Mexico.....	(3)	15.06	(3)	1,385				
Kwasteyukwa.....	(2)	15.00	(2)	1,330	(3)	14.22		
Giustiwa.....	(3)	14.81	(3)	1,367				
Otowi.....								
Puyé.....	(4)	14.86	(4)	1,344	(3)	14.28	(3)	1,223
Brachycranic, New Mexico.....	(3)	15.04	(3)	1,325	(2)	14.15		
Miscellaneous, Arizona.....	(2)	14.82	(2)	1,312	(4)	14.17	(3)	1,210

CRANIAL MODULE AND CRANIAL CAPACITY IN DEFORMED SKULLS

<i>New Mexico:</i>								
Téwa.....	(13)	15.00	(12)	1,363	(27)	14.35	(23)	1,225
Puyé.....	(15)	14.86	(13)	1,347	(26)	14.13	(23)	1,188
Chaco Canyon.....	(7)	15.21	(9)	1,359	(6)	14.74	(6)	1,280
Old Zuñi.....	(10)	14.72	(10)	1,331	(13)	14.29	(14)	1,199
Miscellaneous.....	(7)	15.15	(7)	1,406	(7)	14.52	(6)	1,267
<i>Arizona:</i>								
Salt River.....	(32)	15.25	(29)	1,399	(43)	14.55	(42)	1,231
Old Hopi.....	(2)	14.90	(3)	1,383	(2)	14.80	(3)	1,245
Elden.....	(5)	15.25	(7)	1,446	(3)	14.60	(3)	1,317
Chaves Pass.....	(15)	15.13	(13)	1,423	(15)	14.36	(15)	1,237
Petrified Forest.....	(11)	15.01	(11)	1,401	(6)	14.51	(5)	1,274
Miscellaneous.....	(22)	14.94	(24)	1,330	(35)	14.47	(31)	1,253

PUEBLO INDIANS: CEPHALIC INDEX

UNDEFORMED HEADS

Pueblos	Number of subjects measured	Average Cephalic Index cm.	Pueblos	Number of subjects measured	Average Cephalic Index, cm.
MALES			MALES—continued		
Taos.....	37	78.2	Zuñi.....	49	81.8
Sia.....	(3)	(78.5)	Hopi.....	64	83.0
Sto. Domingo.....	30	79.6			
San Juan.....	16	80.2	FEMALES		
Jemez.....	25	80.3	Laguna.....	27	81.2
Laguna.....	46	80.3	Hopi.....	22	82.5
Acoma.....	(4)	(81.2)	Zuñi.....	31	82.8
Isleta.....	21	81.2	Hano.....	6	84.0
Hano.....	11	81.4			

NAVAHO

UNDEFORMED¹

Pueblos	Number of subjects measured	Average Cephalic Index, cm.
Males.....	28	83.7
Females.....	27	84.3

¹ Nearly one-half of the Navaho showed a perceptible to marked deformation of the Pueblo type (occipital compression). As with the skulls, the heads are high.

SUMMARY OF RESULTS AND INDICATIONS

The main results and indications of the data here given are as follows:

1. The Pueblos are not one homogeneous group. They differ in head form and in other respects. There are two distinct strains in them, with intermediary elements.

2. The undeformed skulls show on one hand a substantial dolichocephalic and on the other a fairly strong brachycranic group, with some intermediate units.

3. The predominant dolichocephalic group comprised the southern Utah cave dwellers, the majority of the old Zuñi (Havikuh), the Salt River people, and elements among the Rio Grande as well as other Pueblos; the less numerous brachycranics were the Puyé in New Mexico, the Hopi in Arizona, and some others. The best defined intermediates were the majority of the Téwas of the Jemez region. In many of the old Pueblos the prevalent type of the skull is difficult to ascertain due to the frequency and extent of deformations.

4. The geographical distribution of the dolichocephalic and the brachycranic elements was irregular and there was evidently considerable interpenetration.

5. The Puyé group on morphological grounds stands distinctly apart from the rest of the Téwa and can not be inherently associated with the latter.

TÉWA AND PUYÉ

	Cranial Index	Mean Height Index	Height-Breadth Index		Cranial Index	Mean Height Index	Height-Breadth Index
MALES				FEMALES			
Téwa excluding Puyé...	79.5	86.8	99.3	Téwa excluding Puyé...	78.8	85.7	97.2
Puyé.....	83.8	89.1	97.7	Puyé.....	83.6	86.2	94.6

6. The Grand Gulch (southern Utah) cave dwellers or "basket makers," are a remarkably uniform lot. Barring a small percentage of deformed skulls the series shows but one and the same type, subdivisions of which are not possible. There is no indication in either this or the available Pueblo material of anything that would correspond physically to the lately adopted multiple archeological subdivisions relating to the same groups.

7. The southern Utah basket maker crania are practically identical with the apparently intrusive skulls of the Téwa region; and are

closely related with the crania of the Salt River Valley and of the old Zuñi (Havikuh village):

	Cranial Index	Mean Height Index	Height-Breadth Index	Facial Index, Upper	Orbital Index	Nasal Index	Cranial Module	Cranial Capacity
MALES								
Southern Utah.....	73.0	85.4	101.3	54.7	91.3	49.2	14.86	1,342
Dolichoecranic, New Mexico..	73.3	85.0	100.5	53.9	88.9	49.7	14.93	1,388
FEMALES								
Southern Utah.....	74.9	84.9	99.1	54.2	-----	51.4	14.22	1,175
Dolichoecranic, New Mexico..	72.4	84.2	98.9	53.3	-----	51.0	14.21	1,204

8. The mesocranic Téwa are quite likely the result of a mixture of the brachy-Puyé with the dolicho-Pueblo elements. They are in general closely related to both and have no earmarks of anything distinct.

9. The deformed skulls, after elimination of the infrequent cases where the base and face were obviously affected by the distortion, show but little if any disturbances of the facial indices or angles, or of the size of the skull. The moderately deformed skull is therefore, after all, of some anthropometric value.

Comparison of deformed with undeformed

	Males				Females			
	Facial Index, total		Facial Index, upper		Facial Index, total		Facial Index, upper	
	In undeformed	In deformed	In undeformed	In deformed	In undeformed	In deformed	In undeformed	In deformed
Puyé:								
Specimens.....	(3)	(10)	(3)	(12)	-----	-----	-----	-----
Means.....	82.8	85.7	49.8	52.9	-----	-----	-----	-----
Other Téwa:								
Specimens.....	(5)	(7)	(7)	(8)	-----	-----	-----	-----
Means.....	86.7	88.2	52.1	52.3	-----	-----	-----	-----
Old Zuñi:								
Specimens.....	(28)	(8)	(30)	(8)	(35)	(8)	(39)	(7)
Means.....	90.5	88.1	54.3	53.0	89.2	86.9	53.6	52.7

	Males						Females					
	Orbital Index		Nasal Index		Dental Arch Index		Orbital Index		Nasal Index		Dental Arch Index	
	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed
Puyé:												
Specimens.....	(4)	(15)	(5)	(17)	(4)	(11)	(2)	(19)	(2)	(27)	-----	-----
Means.....	92.0	90.9	52.5	48.6	83.4	84.0	89.5	92.8	53.2	51.9	-----	-----
Other Téwa:												
Specimens.....	(8)	(14)	(8)	(16)	(7)	(13)	(3)	(26)	(3)	(30)	-----	-----
Means.....	93.3	90.5	52.2	52.8	83.0	85.9	91.6	93.0	50.7	52.1	-----	-----
Old Zuñi:												
Specimens.....	(30)	(11)	(32)	(12)	(27)	(8)	(44)	(16)	(44)	(15)	(38)	(14)
Means.....	92.3	92.1	49.3	49.5	83.8	83.1	83.7	89.9	52.7	53.1	85.1	82.4

Comparison of deformed with undeformed—Continued

	Males				Females			
	Facial Angle		Alveolar Angle		Facial Angle		Alveolar Angle	
	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed
Puyé:								
Specimens.....	(5)	(9)	(5)	(9)				
Means.....	72	69	54	56				
Téwa (excluding Puyé):								
Specimens.....	(7)	(11)	(7)	(11)	(2)	(24)	(2)	(23)
Means.....	68.5	68	48.5	49.5	68	69	50	51
Old Zuñi:								
Specimens.....	(23)	(8)	(23)	(8)	(39)	(11)	(39)	(10)
Means.....	70	69	52	54	69	69	51	51

	Males				Females			
	Module		Capacity		Module		Capacity	
	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed
Puyé:								
Specimens.....	(4)	(15)	(4)	(13)	(3)	(26)	(3)	(23)
Means.....	14.86	14.86	1,344	1,347	14.28	14.13	1,223	1,188
Other Téwa:								
Specimens.....	(5)	(13)	(5)	(12)	(3)	(27)		(23)
Means.....	14.89	15.00	1,349	1,363	14.22	14.35		1,225
Old Zuñi:								
Specimens.....	(30)	(10)	(27)	(10)	(50)	(13)	(43)	(14)
Means.....	14.76	14.72	1,305	1,331	14.09	14.29	1,166	1,189

10. In general, the cranial capacity of the Pueblo skull and hence the size of the brain, does not appear favorable. This is especially true in some of the groups. This showing in part, but not entirely, is connected with the moderate stature of the people (m. average males, 163.7; females, 151.5 cm.; A. H.). The absolute measurements in general indicate that the Pueblos, or at least a majority of them, were a somewhat weakened group.

Cranial capacity in Pueblos and other Indians ¹

	Male, Group Means, c. c.	Female, Group Means, c. c.
Pueblos.....	1,305-1,388	1,166-1,223
Alaska and Athapascan tribes.....	1,425-1,610	1,300-1,385
Algonkin and related tribes.....	1,420-1,558	1,280-1,349
Siouan tribes.....	1,455-1,527	1,319-1,352
Shoshonean tribes.....	1,309-1,454	1,243-1,307
California tribes.....	1,372-1,473	1,167-1,305

¹ Data of Nos. I and II of the catalogue; very small groups not considered.

11. The affinities of the Pueblos are a matter of considerable interest to American anthropology. The present material, though not all that could be wished for, appears sufficient for some indications.

And these indications throw new, unexpected, light on the peoples of the pueblo region.

The following abstracts speak for themselves. In brief, the Pueblos are found to differ substantially from their neighbors to the north-west and west; but they approach very significantly on one hand the Algonkins, and on the other hand the Gulf types of further east. Just what this means must be left to future determination; what is certain is that such differences can not be fortuitous. The dolichoid Californians and Shoshoneans, practically one type, stand definitely apart from the dolichoid high-vaulted Pueblos in the decidedly lower height of the vault as well as that of the face; and in the same way the low-vaulted Apache, Hualapai, and Suppai, now settled in the pueblo region, stand apart from the high-vaulted brachyranic Pueblos. The dolichoid pueblo crania, in all their important relative dimensions, resemble the Algonkin, while the brachyoid Pueblo skulls are practically identical with the mound crania of Arkansas, Louisiana, and what is known as the Gulf-type region in general.

PUEBLOS (DOLICHOID), compared with Algonkins, Shoshoneans, and Californians

MALES

	Algonkins	Pueblos (Dolichoid Means of the averages of 4 groups)	Shoshone Tribes	Californians
Specimens.....	(285)	(72-123)	(20)	(183)
<i>Vault:</i>				
Cranial Index.....	75.0	74.4	75.3	77.3
Mean Height Index.....	85.8	85.6	80.2	81.4
Height-Breadth Index.....	101.1	100.6	93.1	94.0
<i>Face:</i>				
Upper Facial Index.....	52.7	54.6	52.2	52.3
Orbital Index.....	88.6	91.0	87.8	91.2
Nasal Index.....	49.1	49.15	48.7	47.7

Pueblos (Dolichoid) and Algonkins

MALES

	Southern Utah "Basket makers"	Dolichocranic Pueblo Téwa Region	Old Zuñi (Havikuh)	Salt River, Arizona	Algonkins (and Iro- quois)
Specimens.....	(33)	(3)	(34)	(2)	(285)
<i>Vault:</i>					
Cranial Index.....	73.0	73.3	75.9	75.4	75.0
Mean Height Index.....	85.4	85.0	86.4	-----	85.8
Height-Breadth Index.....	101.3	100.5	100.1	-----	101.1
<i>Face:</i>					
Facial Index, upper.....	54.7	53.9	54.3	155.5	52.7
Orbital Index.....	91.3	88.9	92.3	191.6	88.6
Nasal Index.....	49.2	49.7	49.3	148.4	49.1

¹ In 31-51 deformed skulls where face was not noticeably affected by the deformation.

Comparison of Pueblos (Brachyoid), with Arkansas, Louisiana, and Florida Crania

MALES

	Pueblos (Brachyoid) Undeformed			Arkansas Mounds ¹	Louisiana Mounds ¹	Florida Mounds ¹
	Puye	Brachy- cranic, New Mex.	Brachy- cranic, Arizona			
Specimens.....	(6)	(3)	(3)	(12)	(10)	(69)
<i>Vault:</i>						
Cranial Index.....	83.8	84.4	84.1	84.0	82.9	82.4
Mean Height Index.....	89.1	89.6	88.2	88.5	91.4	87.1
Height-Breadth Index.....	97.7	97.9	96.8	96.6	100.9	96.6
<i>Face:</i>						
Facial Index, upper.....	² 52.3	(3)	(3)	52.0	53.0	52.5
Orbital Index.....	² 91.1	-----	92.0	⁴ 89.4	90.2	⁴ 89.8
Nasal Index.....	² 49.5	50.3	49.8	50.2	50.9	47.0

¹ From Hrdlička, A. Report on Skeletal remains from Arkansas and Louisiana. Journ. Acad. Nat. Sci. Phila., 1909, vol. 14, pp., 173-240; Anthropology of Florida. Fla. St. Hist. Soc., Deland, 1922, vol. 1; and newer data.

² 15-22 undeformed and deformed skulls in which face was not perceptibly affected.

³ But 1 or 2 specimens in which the determination was possible.

⁴ In 7 crania, after elimination of 3 decidedly exceptional.

⁵ In 15 brachycranic specimens.

12. The Navaho, though speaking Athapaskan, are, as was indicated by the writer long before,² not Apache, but essentially Pueblo. They are a mixture evidently of various old pueblo elements, dolicho, as well as brachycranic, with traces of the Apache. It is merely one more of the many cases among the American tribes where the language and the physical make-up of the group have but little relation.

Pueblo, Navaho, and Apache

	Males					Females		
	Pueblos (Dolicho- id); means of the averages of 4 groups	Navaho (Dolicho- id)	Pueblos (Brachy- oid)	Navaho (Brachy- oid)	Apache	Pueblos (Brachy- oid)	Navaho (Brachy- oid)	Apache
Specimens.....	(72-123)	(4)	(19)	(2)	° (15)	(41)	(9)	(7)
<i>Vault:</i>								
Cranial Index.....	74.4	74.1	83.3	85.7	84.7	83.7	83.8	86.8
Mean Height Index.....	85.6	89.2	87.6	86.7	80.3	87.0	85.6	80.9
Height-Breadth Index.....	100.6	104.8	96.4	92.7	87.4	95.6	94.2	87.1
<i>Face:</i>								
Upper Facial Index.....	54.6	53.7	52.2	54.3	50.9	53.9	53.7	48.3
Orbital Index.....	91.0	90.1	92.7	91.7	91.5	93.9	89.8	90.1
Nasal Index.....	49.1	47.9	51.2	49.6	50.4	52.7	50.8	54.5

° From Catalogue, No. 1, 1924, p. 38.

² Physical and Physiological Observations on the Navaho. Amer. Anthropol., 1900, vol. 2, p. 339 et seq. Also, Physiological and Medical Observations among the Indians, etc., Bull. 34, Bur. Amer. Ethnol., Washington, 1908.