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CATALOG OF HUMAN CRANIA IN THE UNITED STATES
NATIONAL MUSEUM COLLECTIONS: INDIANS OF THE
GULF STATES

By ALEŠ HRDLIČKA

INTRODUCTION

THIS is the fourth catalog of crania of North America and the fifth of the present series.¹ It covers, as far as our collections go, the Gulf region and such neighboring States as have not been dealt with before. It completes the survey of the available cranial materials north of Mexico, except that since 1924, when the Alaska catalog appeared, there have accumulated important and large new collections from those parts which will necessitate an eventual revision of that number.

The object of these catalogs, it may be restated here, is to furnish workers in anthropology with reliable data on the main proportions of the American skull of different tribes and localities. There are many variants of this skull; these as yet are known but imperfectly, particularly abroad; and our collections have now reached such magnitudes that they can furnish much more substantial data than had before been possible.

To assure the reliability of the data, all the measurements were taken personally by the author, with the same repeatedly tested instruments, and with the object of the undertaking held constantly in mind.

¹ Catalog of human crania in the United States National Museum collections. The Eskimo, Alaska and related Indians, Northeastern Asiatics. Proc. U. S. Nat. Mus., vol. 63, art. 12, No. 2480, 51 pp., 1924.

Idem. The Algonkin and related Iroquois, Siouan, Caddoan, Salish and Sahaaptin, Shoshonean, and Californian Indians. Proc. U. S. Nat. Mus., vol. 69, art. 5, No. 2631, 127 pp., 1927.

Idem. Australians, Tasmanians, South African Bushmen, Hottentots, and Negro. Proc. U. S. Nat. Mus., vol. 71, art. 24, No. 2696, 140 pp., 1928.

Idem. Pueblos, southern Utah Basket-Makers, Navaho. Proc. U. S. Nat. Mus., vol. 78, art. 2, No. 2845, 95 pp., 1931.

Craniometry is far from being simply a mechanical technique. It demands besides this a high degree of trained judgment and experience. Many a specimen is found more or less damaged, or affected by age. Damage of various sorts is particularly frequent in such materials as dealt with here, for they all come from old burials. On this continent, moreover, above any other part of the world, there are the plagues of artificial cranial deformations, and of much wear of teeth. Under all these difficulties the constant endeavor has been to present to those who may need them sound initial data on the complex American craniological conditions. A much more desirable way would be, of course, to offer a thorough study of the materials, but that will require much time and must of necessity be a matter for the future; meanwhile the essentials given in these catalogs may be serviceable.

To obviate any possible uncertainties as to the methods used, these are herewith briefly described. They apply equally to all the preceding numbers of the catalog. Except for a few additional details they are the same as those of the International Agreements and as outlined in my "Anthropometry"² and in my "Practical Anthropometry."³

MEASUREMENTS

Maximum length.—The maximum glabello-occipital diameter of the vault.

Maximum breadth.—The greatest transverse diameter of the vault above the mastoids and roots of zygomae.

Basion-bregma height.—Self-explanatory.

Minimum frontal diameter.—The shortest horizontal diameter between the two temporal crests on the frontal bone.

Capacity.—See author's Anthropometries.

Menton-nasion height (or "nasion-menton diameter").—The distance from menton to nasion, with the lower jaw in place and the teeth in apposition. Due allowance made for wear of teeth, when present.

Alveolar point-nasion height (or "naso-alveolar diameter").—Landmarks: Superiorly—the nasion; inferiorly—the lowest point of the alveolar border between the two median upper incisors.

Maximum bizygomatic diameter.—Distance between the most widely separated points on the external surface of the zygomatic arches.

Basio-alveolar diameter.—Distance between the endobasion⁴ and the prealveolar point.⁵

Endobasion-subnasal point diameter.—Distance between endobasion and the left subnasal point.⁶

² Wistar Institute, Philadelphia, pp. 14, 107 et seq., 1920.

³ Wistar Institute, Philadelphia, 1939.

⁴ The foremost point on the anterior border of the foramen magnum, within the lumen of the foramen.

⁵ The foremost point on the upper alveolar arch, above the median incisors.

⁶ Point laterally just below the lower border of the nasal aperture.

The angle between the endobasion-prealveolar point and the alveolar point-subnasal point lines gives the measure of alveolar prognathism, which it is useful to show separately from the facial prognathism.

Endobasion-nasion.—Distance between endobasion and nasion.

The angle between the endobasion-prealveolar point line and that from the alveolar point to nasion, gives the facial angle, which is the expression of the combined alveolar and facial protrusion.

Nasal height.—Distance from nasion to the middle of a line connecting the lowest points of the two nasal fossae.

If instead of the border there is a gutter, the measurement is taken to the level of the nasal floor.

Nasal breadth.—The greatest horizontal breadth of the aperture.

Orbits: Height.—Maximum height between normal points on the inferior and superior border of each orbit.

Orbits: Breadth.—The breadth of each orbit from the dacryon to the farthest point on the lateral border of the orbit.

(If the dacryon is damaged the measurement is taken from the nearest point on the mesial border of the orbit.)

Length of the alveolar arch.—The anteroposterior distance between the foremost point of the alveolar border above the median incisors and the middle of a transverse line connecting the posterior extremities of the alveolar border.

Breadth of the upper alveolar border.—The greatest breadth externally of the normal alveolar arch.

DEFORMATIONS

The cranial deformations throughout these series were artificial and are of one type, namely the "flat-head" or fronto-occipital compression. As will be seen from the data the frequency of the practice differed much in different tribes and more or less also in different localities. The greatest proportion of deformed skulls occurred in Mississippi and the neighboring regions, among the old Natchez and related tribes; the lowest incidence is noted in the more central and southern parts of Florida. The Texas material alone shows no trace of the practice, which is suggestive.

IDENTIFICATION OF SEX

The sexing of adult Indian crania in general and with due experience is not difficult, and in many cases of the skulls here reported upon, it has further been facilitated by the presence of other skeletal parts, more particularly the pelvic bones, the greater sciatic notch of which is one of the best sex distinguishing characters. The few specimens—certainly not over 5 percent—in which some doubt as to the sex remained, are in all probability distributed equally in the male and female records and can have no effect on the results.

For greater serviceability this catalog comprises the Florida crania measurements of which were given in my "The Anthropology of Florida."⁷ Among these are included, from localities mostly not represented in the National Museum collection, specimens preserved in the Academy of Natural Sciences, Philadelphia (A. N. S. P.), and in the Wistar Institute of the same city (W. I.), besides as yet unpublished small series from the American Museum of Natural History, New York City.

MATERIALS

The total number of crania reported here is 1,259, all of adults. Of these, 621 were identified as male, 638 as female; and 1,022 (508 m., 514 f.) were undeformed (or so slightly deformed that there was no substantial interference with the measurements), while 237 (113 m., 124 f.) were deformed so that the measurements of the vault were affected. The distribution of the specimens ranges thus:

Crania measured

State or tribe	Male (621)		Female (638)	
	Undeformed	Deformed	Undeformed	Deformed
Georgia.....	13		13	
Florida.....	357	(8)	343	(6)
Tennessee.....	23	(21)	38	(24)
Alabama.....	6	(3)	11	(2)
Mississippi.....	6	(18)	6	(24)
Arkansas.....	38	(40)	52	(51)
Louisiana.....	34	(23)	29	(17)
Texas.....	19		16	
Seminole.....	11		2	
Tonkaway.....	1			
Choctaw.....			4	
Totals.....	508	(113)	514	(124)

⁷ Publ. Florida State Hist. Soc., 146 pp., 1922.

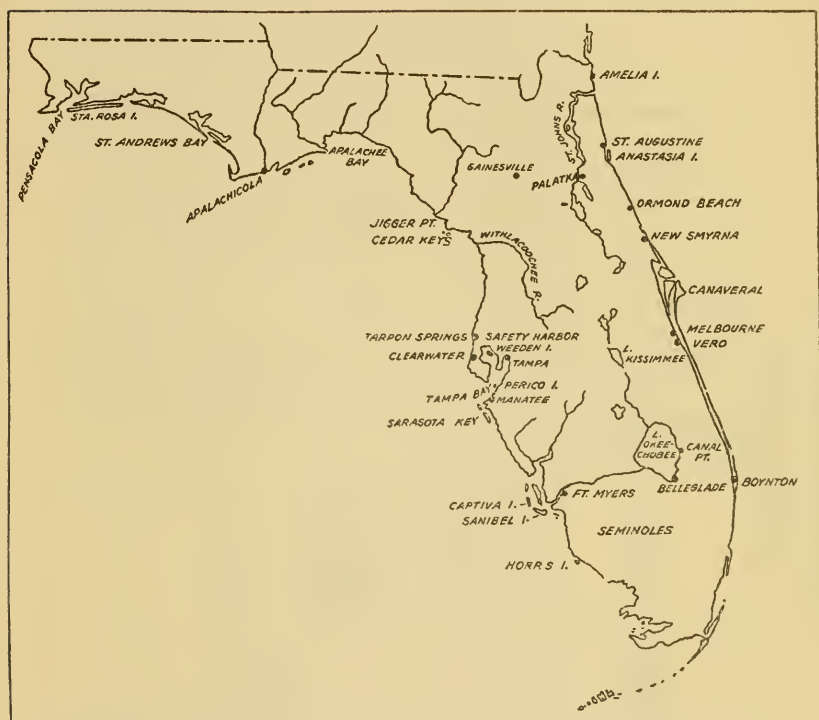


FIGURE 20.—Location of Florida localities yielding cranial material herein described.

GULF STATES INDIANS
GEORGIA: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabelle ad max. 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-Nasion height (a)	Alveol. Pt.-Nasion height (b)
378952	U. S. N. M.	St. Simons Island	35	Post mortem (asymmetry).	18.8	14.4	114.6	76.60	87.95	101.89	15.93				8.0
378954	do.	do.	30	Moderate occipital asymmetry.	17.5	13.6	High	77.71							6.8
243808	do.	Sapelo Island, McIntosh County.	55		19.3	15.0	15.5	77.72	90.58	105.53	16.60				
379028	do.	Cannons Point.	35		17.3	13.9	15.0	80.55	96.15	107.91	15.40				
243807	do.	Sapelo Island, McIntosh County.	35		17.5	14.1	13.9 ^a	80.57	87.57	96.58	15.17			12.7	7.5
227368	do.	Near Darien, McIntosh County.	60	Slight occipital asymmetry.	18.2	14.7	114.6	80.77	88.75	99.32	15.83				7.3
377982	do.	Near Kennesaw	35	Moderate frontal; no occipital flattening.	17.8	14.5	13.9	81.46	86.07	96.86	15.40			12.1	7.1
378983	do.	St. Simons Island	70	Moderate occipital asymmetry.	18.3	15.0	15.2	81.97	91.29	101.53	16.17				
378985	do.	do.	Young adult.		17.5	14.4		82.29							
378981	do.	do.	Elderly.		18.2	15.2		85.52							
378955	do.	do.	do.		17.6	14.8		84.09							
378953	do.	do.	70	Slight frontal occipital.	17.6	15.0	14.1	85.23	86.50	94.0	15.57				17.6
378014	do.	Sea Island	40		18.1	15.9	114.2	87.85	85.53	89.31	16.07				8.0
Specimens.			(13)		(13)	(13)	(9)	(15)	(9)	(9)	(9)			(2)	(8)
Totals.			233.7		190.5	131.0	131.0	81.51	88.69	101.15	142.14			24.80	59.7
Averages.			18.0		14.65	14.55	14.55	81.51	88.69	101.15	15.79			12.4	7.5
Minima.			17.3		13.6	13.9	13.9	76.60	83.53	89.51	15.17			12.1	6.8
Maxima.			19.3		15.9	15.5	15.5	87.85	96.15	107.91	16.60			12.7	8.0

Catalog No.	Diam. Bizygomatic max. (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	Diam. frontal minlm.
378952	14.5		55.17				°	3.65	3.7	3.9	3.9	3.9	93.6	94.9	5.75	2.45	42.6	6.4	7.3	87.7		9.3
378954							°	3.4	3.5	4.0	3.8	3.8	85.0	92.1	5.0	2.4	48.0	5.8	9.2	93.6		9.6
243808						11.0																10.3
379026 1	13.7		64.74	10.2	8.8	10.5	71.0	47.0	3.2	3.65	3.6	3.65	86.3	88.9	5.5	2.75	60.0	6.4	6.8	94.1		8.0
243807	14.3		61.75	10.5	9.4	10.6	70.0	51.0	3.7	4.1	4.1	3.89	89.0	90.2	5.6	2.7	48.21	5.7	6.9	82.6		9.5
227868	14.7		49.66						3.35	3.75	3.75	3.75	89.3	89.3	5.0	2.6	62.0	5.4	6.5	(5)		9.4
377932				9.7	8.8	10.0	71.0	57.0	3.05	3.6	3.6	3.6	84.7	84.7	5.2	2.35	45.2	5.4	6.5	83.1		9.4
378983	14.8							3.6	3.6	4.0	3.9	3.9	90.0	92.3	5.1	2.45	48.0					10.1
378958																						9.4
378981																						9.7
378955																						9.8
378953	14.9		61.01	11.0	9.3	11.0	74.0	58.5	3.5	3.45	4.0	4.0	87.5	86.3	5.35	2.7	50.5	6.2	7.2		10.2	
379014	15.9			11.0	9.4	10.4	64.0	47.5	3.75		3.9		96.2		5.4	2.8	51.9					11.6
Specimens	(7)	(1)	(5)	(5)	(6)	(7)	(5)	(5)	(7)	(8)	(7)	(8)	(7)	(8)	(9)	(9)	(9)	(6)	(6)	(5)	(2)	(13)
Totals	102.8			51.70	55.10	74.3	350.0	261.0	24.7	27.55	27.55	30.65			47.90	32.2		35.90	40.90		7.1	126.0
Averages	14.7			52.43	10.3	10.6	70.0	52.2	3.5	3.4	3.9	3.8	89.66	89.89	5.3	2.6	48.43	6.0	6.8	87.78	3.55	9.7
Minima	13.7			49.66	9.7	8.8	64.0	47.0	3.15	3.05	3.65	3.6	85.0	84.7	5.0	2.5	42.6	5.4	6.2	82.6	3.4	8.6
Maxima	15.9			55.17	11.0	11.0	74.0	58.5	3.75	3.7	4.1	4.1	96.2	94.9	5.75	2.8	52.0	6.4	7.3	94.1	3.7	11.0

1 Near.
 2 Male, though somewhat small.
 3 Lower median incisors knocked out long ago. Glass beads in mound. Frontal bone shows syphilis.

GEORGIA: FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxill. (glabella and maxillum)	Diam. lateral maxill.	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)
171845	U. S. N. M.	Rome	25	Compression ¹	17.9	14.2	14.0	79.53	87.23	98.59	15.37			12.2	6.9
378880	do.	St. Simons Island	45		17.4	13.9	14.0	79.89	89.45	100.72	15.10			6.9	6.9
379000	do.	Sea Island	50		17.4	13.9	13.2	79.89	84.55	94.93	14.83			6.9	6.9
378866	do.	St. Simons Island	Subadult		16.5	13.4		81.71							
379012	do.	Sea Island	40	Post mortem (asymmetry)	17.5	14.3		81.71							7.5
378979	do.	St. Simons Island	20		17.0	13.9		81.76							7.1
378987	do.	do.	Young adult, ²		17.7	14.8		83.62							
378992	do.	Sea Island	60		17.0	14.4		84.71							
378965	do.	St. Simons Island	do.		16.4	14.0		87.37							
248809	do.	Sapelo Island, McIntosh County.	25	Slight frontal occipital compression.	13.9	13.6	12.6	85.38	85.43	92.65	14.03				7.4
378977	do.	Georgia	55		16.8	14.4		85.71							
	do.	St. Simons Island	Young adult.		16.4	14.4		87.80							
379018	do.	Charley King Mound	40 (or near to).		15.6	14.2	13.3	91.03	89.26	93.66	14.37				6.9
Specimens					(13)	(13)	(5)	(13)	(5)	(5)	(5)			(1)	(7)
Totals					219.5	183.4	67.10	83.55	87.14	96.15	73.70			49.6	49.6
Averages					16.88	14.11	13.42	83.65	87.14	96.15	14.74			7.09	7.09
Minima					15.6	13.6	12.6	79.33	84.35	92.65	14.03			6.9	6.9
Maxima					17.9	14.8	14.0	91.03	89.45	100.72	15.37			7.5	7.5

Catalog No.	Diam. Bizygomatic maxm. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	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, maxm.	Nasal Index	Upper Alveolar Arch, length, maxm.	Upper Alveolar Arch, breadth, maxm.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	Diam. frontal imbm.
171845	13.0	93.86	53.08	10.4	9.5	10.8	73.5	55.0	3.3	3.4	3.9	3.7	84.6	91.9	5.2	(3.05)	(58.7) ³	5.4	6.2	87.1	3.1	9.1
378980	13.4	61.49	61.49				47.5			3.75	3.9	3.9	85.2	85.2	4.9	2.5	49.6	5.9	90.8		9.5	
379000	13.3	61.88	61.88	9.7	8.4	9.7	69.0	47.5		3.45	3.9	3.9	86.5	86.5	4.9	2.35	48.0	5.4	84.4		9.3	
378966																						9.2
379012	13.6		55.15						4.05	4.0	4.3	4.2	85.2	85.2	5.3	2.6	49.1	5.6	78.9		8.7	
378979	13.2		53.79						3.5	3.6	3.6		87.2	87.2	5.2	2.5	48.1	6.3			9.9	
378957																						9.3
378965	13.5								3.8	3.8	3.9		87.4	87.4	5.6	2.2	39.9	5.6			9.4	
243809	13.1		56.49	9.5	8.4	9.7	69.0	50.0	3.75	3.8	4.1	4.0	91.5	91.5	5.6	2.2	39.9	6.7	83.6		9.1	
378977																						9.3
379018	13.2		59.27						3.4	3.4	3.65	3.55	93.2	93.2	5.0	2.4	48.0	5.2	83.9		9.1	
Specimens	(8)	(1)	(7)	(3)	(4)	(3)	(3)	(3)	(6)	(6)	(6)	(6)	(6)	(6)	(7)	(6)	(6)	(6)	(7)	(6)	(1)	(12)
Totals	106.3			29.6	26.3	38.8	211.5	152.5	21.80	21.80	23.45	23.25	85.76	85.76	36.25	14.55	33.10	45.40			111.3	
Averages	13.29		63.45	9.87	8.77	9.70	70.5	49.83	3.63	3.63	3.91	3.88	87.6	87.6	4.18	2.43	46.83	5.52	6.49	81.65		9.28
Minima	13.0		61.49	9.5	8.4	8.0	69.0	47.5	3.3	3.3	3.6	3.55	87.0	87.0	4.0	2.2	39.9	5.2	78.9		8.7	
Maxima	13.6		66.49	10.4	9.5	10.8	73.5	55.0	4.05	3.8	4.3	4.2	97.4	96.2	5.0	2.6	49.6	7.1	90.8		9.9	

1 Where deformation affected dimensions, measurements will be in parentheses.

2 Near.

3 Negro admixture? (not evident, but nose broad).

4 Top of vault sphyllitic.

FLORIDA, EAST COAST: MALES
ST. JOHNS RIVER

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxima. (glabella and maximum)	Diam. lateral maxima.	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)
1809	A. N. S. P.	St. Johns River	Adult		18.2	14.0	114.1	76.9	87.6	100.7	15.77				
1803	do	do	do		18.8	14.6	14.6	77.7	87.4	100.0	16.0				
1781	do	do	do		18.2	14.7	13.7	80.8	83.8	98.2	15.53			7.2	
1804	do	do	do		17.2	13.9		80.8							
1805	do	do	do		17.8	14.5		81.5							
1802	do	do	do		18.1	14.8	14.3	81.8	86.9	96.6	15.73			7.9	
1807	do	do	do		17.7	14.5		81.9							
1790	do	do	do		18.3	15.0		82.0							
1810	do	do	do		17.8	14.6	14.0	82.0	86.4	95.0	15.47				
1782	do	do	do		18.1	14.9	14.5	82.8	87.9	97.8	15.83			7.1	
1785	do	do	do	Slight frontal flattening.	17.8	14.7		82.6							
1797	do	do	do		17.8	14.7		82.6							
1784	do	do	do		18.6	15.6		85.9							
1796	do	do	do	Slight frontal flattening.	18.1	15.3	14.6	84.5	87.4	95.4	16.0			13.3	7.5
1792 ²	do	do	do		17.3	15.0	13.8	86.7	85.4	92.0	15.37				
1811	do	do	do		17.6	15.3		86.9							
Specimens					(16)	(16)	(8)	(16)	(8)	(8)	(8)			(1)	(4)
Totals					287.4	226.1	113.6	82.6	86.55	96.55	15.7			29.7	7.4
Averages					18.0	14.8	14.2	82.15	86.55	96.55	15.71			7.4	7.1
Minima					17.3	13.9	13.7	76.9	83.5	92.0	13.37			7.1	7.1
Maxima					18.8	15.6	14.6	86.9	87.9	100.7	16.0			7.9	7.9

AMELIA ISLAND, ST. AUGUSTINE, NEW SMYRNA

242662	U. S. N. M.	Amelia Island	Adult	18.4	14.2	14.3	77.2	87.7	100.7	15.63	1,435	11.9	7.4
178813	do	St. Augustine	do	18.8	14.4	13.3	76.6	80.1	92.4	15.50	1,520		6.9
242664	do	do	do	18.1	14.4		79.6						
242625	do	New Smyrna	do	18.6	14.4	14.2	77.4	86.1	98.6	15.73			
242619	do	do	do	17.2	14.2	13.8	82.6	87.9	97.2	15.07	1,440		
242650	do	do	Slight asymmetry	17.8	14.2	14.2	82.6	87.7	96.6	15.57	1,530		7.3
242624	do	do	do	17.6	14.2	13.8	83.0	87.7	94.5	13.33	1,430		
330356	do	do	Adult	18.4	13.3	14.4	82.9	84.2	91.1	16.20	1,610		7.9
			do	(8)	(8)	(7)	(8)	(7)	(7)	(7)	(6)		(4)
Specimens				144.9	116.7	98.0				109.03	8,955		29.5
Totals				18.1	14.6	14.0	87.64	86.56	95.80	15.38	1,492.5		7.4
Averages				17.2	14.2	13.3	76.6	80.1	91.1	15.07	1,430		6.9
Minima				18.8	15.8	14.4	85.9	87.9	100.7	16.20	1,610		11.9
Maxima													

ORMOND BEACH

372603	U. S. N. M.	Ormond Beach	60	18.9	14.6	High	77.25	87.16	98.65	16.03			7.2
372615	do	do	00	18.7	14.8	14.6	79.14						7.7
372649	do	do	45	18.5	14.8		80.0						7.3
372645	do	do	50	18.2	14.9	14.5	81.87	87.61	97.52	15.87			7.3
372617	do	do	30	17.8	14.6	13.2	82.02	81.63	90.41	15.20			
372640	do	do	40	18.3	15.6	14.4	82.95	84.96	92.51	16.10			
372628	do	do	45	17.8	15.2	13.4	85.59	81.21	88.16	15.47			7.3
372653	do	do	65	17.9	15.4	14.6	86.03	87.69	94.81	15.97			
372641	do	do	50	(17.2)	(15.4)	(15.0)	(89.53)	(92.02)	(97.40)	15.37			7.4
Specimens				(8)	(8)	(6)	(8)	(6)	(6)	(7)			(6)
Totals				146.6	119.0	84.7				110.51			44.2
Averages				18.3	15.0	14.1	82.07	85.04	93.59	15.79			7.4
Minima				17.8	14.6	13.2	77.25	81.21	88.16	13.20			7.2
Maxima				18.9	15.6	14.6	86.03	87.69	98.65	16.10			7.7

1 Near.
 † Syphilitic.
 ‡ Probably a mixblood.
 † Restored.

FLORIDA, EAST COAST: MALES—Continued
 CANAVERAL

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabella and maximum)	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	Modern Nasion height (a)	Alveol. Pt. - Nasion height (b)
377465	U.S.N.M.	Canaveral	70		18.8	13.9	14.7	79.91	89.91	105.76	13.80			412.6	7.2
377466	do	do	45		18.7	14.0	14.2	71.87	86.85	101.58	15.63			412.8	7.5
377428	do	do	50		18.9	14.4	15.0	76.19	90.08	104.18	16.10				
377501	do	do	65		18.6	14.4	14.2	77.19	89.06	98.61	15.77				
377582	do	do	80		19.0	14.8	14.0	82.60	94.69	105.97	15.97				
377473	do	do	50		17.0	13.9	14.6	77.85	86.69	110.61	14.93			412.9	7.5
377471	do	do	55		18.4	14.3	13.8	77.72	87.00	96.50	15.50			412.0	6.9
377493	do	do	45		18.5	14.5	14.6	76.88	88.88	100.83	15.87			413.1	7.8
377533	do	do	60		18.2	14.3	14.4	76.19	88.74	100.00	15.67			412.4	7.5
377438	do	do	60		18.6	14.8	13.1	73.57	90.74	102.03	16.17			413.0	7.6
377435	do	do	65	Slight lateral occipital flattening.	18.2	14.5	14.5	79.67	88.69	100.00	15.73				8.1
377574	do	do	55												
377481	do	do	35		18.0	14.4	14.6	80.00	90.12	101.80	15.67			412.7	7.6
377525	do	do	35		18.4	14.2	14.2	80.45	86.54	96.85	15.80				
377446	do	do	55		18.5	14.9	14.6	80.54	87.43	97.89	16.20				8.1
377441	do	do	55		18.6	15.0	15.0	80.66	89.29	100.00					
377609	do	do	35		18.1	14.6		80.66							
377578	do	do	45		18.5	15.0	14.3	81.08	86.57	95.35	15.93				
377437	do	do	40		18.7	15.2		81.23							
377490	do	do	35		17.6	14.4	14.2	81.82	88.75	98.61	15.40				
377500	do	do	30		17.6	14.4	14.7	81.82	91.83	97.96	15.57				
377577	do	do	26		18.0	14.8	13.4	82.22	81.71	90.54	15.40			412.4	7.2
377655	do	do	40		18.0	14.8	14.0	82.22	86.57	94.89	15.60			412.4	7.5
377653	do	do	30		18.0	14.8	14.8	82.22	90.24	100.00	15.87				
377598	do	do	55		18.1	14.9	14.6	82.22	88.48	97.09	15.87				
377447	do	do	70		18.2	15.0	13.6	82.42	81.93	90.67	15.60				
377559	do	do	60		18.8	15.5	14.8	82.45	86.50	95.48	16.37				
377575	do	do	60		17.4	14.4	14.0	82.76	88.05	97.22	15.27				
377583	do	do	60		17.7	14.7	14.6	83.05	90.12	99.82	15.67				
377439	do	do	60		18.9	15.7	14.2	83.07	82.08	90.45	16.27				

377485	do.	45	17.2	14.3	13.4	83.4	85.4	86.08	93.71	14.97
377605	do.	40	18.4	15.3	15.3	83.15	90.80	90.33	100.00	16.33
377597	do.	50	17.5	14.6	14.4	83.45	89.16	98.63	98.63	15.30
377597	do.	60	18.2	15.2	14.6	83.92	87.43	96.06	100.00	16.00
377478	do.	40	17.0	14.2	14.0	83.53	89.74	98.69	98.04	15.07
377526	do.	40	18.3	15.3	15.0	83.61	89.89	98.04	98.04	16.20
377495	do.	50	18.0	15.3	14.8	83.89	89.43	98.01	98.01	15.97
377487	do.	25	17.8	15.0	14.5	84.27	88.41	96.67	96.67	15.77
377505	do.	35	18.1	15.3	14.4	84.63	86.83	94.12	94.12	15.93
377490	do.	24	17.2	14.4	14.1	84.71	89.81	97.92	97.92	15.17
377484	do.	35	17.0	14.6	13.7	84.88	86.16	93.84	93.84	15.77
377507	do.	35	18.0	15.3	14.0	85.00	84.08	91.50	91.50	15.77
377581	do.	24	18.0	15.3	14.6	85.66	87.43	94.81	94.81	16.00
377530	do.	60	17.6	15.1	14.4	85.80	89.16	96.00	96.00	15.57
377502	do.	60	17.3	15.0	14.4	86.71	87.54	94.12	94.12	15.77
377579	do.	40	17.6	15.3	14.4	86.93	87.54	94.12	94.12	15.77
377576	do.	65	17.8	15.5	14.4	87.08	86.19	92.90	92.90	15.90
377480	do.	75	17.6	15.4	15.2	87.50	86.12	93.70	93.70	16.07
377521	do.	45	17.4	15.3	13.9	87.63	85.02	90.85	90.85	15.53
377467	do.	35	(16.9)	(14.2)	(14.8)	(84.02)	(95.48)	(104.23)	(104.23)	15.30
377580	do.	25	(16.8)	(14.8)	(13.2)	(88.10)	(83.54)	(89.19)	(89.19)	14.93
Specimens			(50)	(50)	(47)	(50)	(47)	(47)	(47)	(49)
Totals			903.0	738.5	675.8	81.78	87.61	97.48	97.48	769.61
Averages			18.1	14.8	14.4	81.78	87.61	97.48	97.48	15.7
Minima			17.0	13.2	13.4	73.91	81.71	90.45	90.45	14.93
Maxima			18.9	15.7	15.3	87.93	96.69	110.61	110.61	16.37

MELBOURNE

331421	U. S. N. M.	35	18.4	14.8	14.8	80.4	89.2	89.2	100.0	16.00	1,620
331422	do.	60	18.8	15.2	14.4	80.9	84.7	84.7	84.7	16.13	1,630
331411	do.	70	18.0	15.0	14.0	83.3	84.9	83.3	83.3	15.67	1,450
331413	do.	60	17.5	15.0	14.0	86.2	85.9	85.3	85.3	15.53	1,490
331415	do.	55	17.2	15.0	14.0	87.2	87.2	87.2	87.2	15.80	1,470
331409	do.	60	17.5	15.5	14.4	88.6	87.3	87.3	87.3	15.80	1,470
Specimens			(6)	(6)	(5)	(6)	(6)	(6)	(6)	(5)	(5)
Totals			107.5	90.5	71.6	84.19	86.37	84.83	84.83	79.13	7,660
Averages			17.9	15.1	14.3	80.4	84.7	82.9	82.9	15.86	1,532.0
Minima			17.2	14.8	14.0	80.4	84.7	82.9	82.9	15.53	1,450
Maxima			18.8	15.5	14.8	88.6	89.2	89.2	89.2	16.13	1,630

1 Near.
6 Restored.

FLORIDA, EAST COAST: MALES—Continued
INDIAN RIVER

Catalog No.	Collection	Locality	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)
242621	U.S.N.M.	Indian River	Senile		19.0	15.1	15.0	79.5	88.0	99.5	16.37	1,700			6.9
20-2317	A.M.N.H.	East Peninsula of Indian River.	Adult		18.6	14.9	14.8	80.11	88.4	98.5	16.10				

MICCO

20-2317b	A.M.N.H.	Micco	Adult		19.2	14.7	14.8	76.56	87.52	100.68	16.23				8.2
1-4164	do	do	do		18.9	14.8	14.7	78.31	87.54	99.52	16.13	1,460		12.9	7.9

VERO

292754	U.S.N.M.	Near Vero	Adult	Slight asymmetry	17.9	14.5	14.6	81.0	90.1	100.7	15.67	1,425		12.9	8.1
292778	do	do	do		17.4	14.4	14.8	82.8	98.1	102.8	15.53	1,320		12.6	7.9

LAKE OKEECHOBEE

228338	U.S.N.M.	Lake Okeechobee	Adult		17.6	13.2	High	75.0						12.2	17.1
228451	do	do	do		18.2	13.9	14.2	76.4	86.8	102.2	15.77	1,440		13.1	7.7
243688	do	do	do		17.5	13.5	14.0	77.1	90.5	108.7	15.0			11.4	

CANAL POINT

345883	U.S.N.M.	Canal Point	55		19.0	14.0	13.8	73.7	83.6	98.6	15.60	1,510			
345769	do	do	25		18.2	14.4	14.7	79.1	90.2	80.8	15.77	1,000			
345889	do	do	60		18.2	14.8		81.3				1,500			

BOYNTON

327802	U.S.N.M.	Near Boynton	30	18.1	14.4	14.7	79.6	90.5	102.1	15.73	1,475	12.5	7.8
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MIAMI

332100 †	U.S.N.M.	Near Miami	Adult	18.6	14.2	14.6	76.3	89.0	102.8	15.80	1,485	12.3	7.2
228462	do	Miami	do	18.6	14.5	15.5	78.0	93.6	106.9	16.20	1,650	12.2	7.4

SOUTHERN FLORIDA

219417	U.S.N.M.	Southern Florida	Adult	18.6	14.7	79.0							
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BELLEGLADE

Provisional No.													
35	U.S.N.M.	Belleglade	50	119.2	14.2	14.5	73.96	86.83	102.11	15.97			7.8
6	do	do	40	18.4	14.4	14.4	78.86						
38	do	do	50	18.6	14.6	14.4	78.49	86.76	98.63	15.87			
31	do	do	Old	18.8	14.8		78.72						
39	do	do	25	18.3	14.6	14.6	79.78	88.75	100.0	15.83			
9	do	do	60	18.0	14.4		80.0						
23	do	do	60	17.8	14.3	14.6	80.31	90.97	102.10	15.87			
28	do	do	Old	18.1	14.7		81.22						
17	do	do	55										
22	do	do	35	17.2	14.0	14.2	81.40	91.03	101.43	15.13			7.4
5	do	do	60	18.0	14.7	13.4	81.67	81.96	91.16	15.37			
41	do	do	60	18.7	15.3		81.82						
18	do	do	40	18.5	15.2	14.5	82.16	86.05	95.89	16.07			7.8
19	do	do	35	18.0	14.8	14.9	82.22	90.85	100.68	15.90			
32	do	do	Old	18.0	14.8	14.2	82.22	86.59	95.95	15.67			
27	do	do	Elderly	18.0	14.8	14.4	82.22	87.80	97.80	15.73			
42	do	do	Old	17.6	14.7	15.0	83.53	92.88	102.01	15.77			
	do	do	Old	18.4	15.6		84.78						
Specimens				(17)	(17)	(11)	(17)	(11)	(11)	(11)		(2)	(3)
Totals				309.6	249.0	158.7				172.88		25.3	23.0
Averages				18.2	14.7	14.4	80.72	88.16	98.76	15.72		12.7	7.7
Minima				17.2	14.0	13.4	79.66	81.96	91.16	15.13		12.3	7.4
Maxima				19.2	15.0	15.0	84.78	92.88	102.11	16.07		13.0	7.8

† Restored.

‡ Seminole.

§ Restored.

FLORIDA, EAST COAST: MALES—Continued
ST. JOHNS RIVER

Catalog No.	Diam. Bitygomatite	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	Diam. frontal, minim.	
1809							°																
1803																							
1781	15.1		47.7												5.2	2.4	46.2						
1801																							
1805																							
1802	14.5		64.1												5.5	2.35	42.7						
1807																							
1700																							
1810	14.5														5.4								
1782	15.0		47.3												5.0	2.3	46.0						
1785																							
1797																							
1784	15.4		48.7												4.9	2.4	49.0						
1790																							
1732																							
1811																							
Specimens.	(5)	(1)	(4)												(6)	(4)	(4)						
Totals.	74.6														31.4	9.45							
Averages.	14.9		49.42												5.2	2.4	45.87						
Minima.	14.5		47.3												4.9	2.3	42.7						
Maxima.	15.4		64.1												5.5	2.4	49.0						

AMELIA ISLAND, ST. AUGUSTINE, NEW SMYRNA

212662	12.7		10.4	9.4	10.6	71.0	57.0	3.7	3.6	4.0	4.0	92.5	90.0	5.2	2.2	42.2	5.3	6.55	80.9	3.5
178813		54.3	9.3	8.4	9.55	71.0	58.0	3.15	3.1	3.7	3.6	86.1	86.1	4.9	2.2	44.9	5.4	6.0	90.0	
242064																				
242025																				
242019				8.7	9.8			3.7	3.7	4.1	4.0	90.2	92.5	5.3	2.5	47.2	5.2	6.5	76.4	
242650			9.8	8.8	10.0	69.5	53.0	3.8	3.85	4.0	3.95	95.0	97.5	5.2	2.9	43.7	5.2	6.9	76.4	9.3
242524			110.2	9.0	9.4			3.7	3.6	4.1	4.0	90.2	90.0	5.3	2.5	45.4		6.5		
330836			53.0	10.6	10.4	67.0	50.5	3.7	3.7		4.2									3.7
Specimens	(5)	(1)	(3)	(6)	(6)	(4)	(4)	(6)	(5)	(5)	(6)	(5)	(5)	(5)	(5)	(5)	(3)	(5)	(3)	(2)
Totals	69.8	50.3	53.4	59.75	278.5	218.5	21.75	17.85	19.9	23.75	20.4	89.19	91.50	20.4	12.3	46.69	5.3	6.5	81.76	7.2
Averages	14.0	10.1	8.9	9.95	69.6	54.6	3.6	3.6	4.0	4.0	3.6	86.1	86.1	4.9	2.2	42.3	5.2	6.0	76.4	3.5
Minima	12.7	9.3	8.4	9.4	67.0	50.5	3.15	3.1	3.7	3.6	3.6	85.1	86.1	4.9	2.2	42.3	5.2	6.0	76.4	3.5
Maxima	14.9	10.6	9.4	10.6	71.0	58.0	3.8	3.85	4.1	4.2	4.2	95.0	97.5	5.5	2.9	62.7	5.4	6.9	90.0	3.7

ORMOND BEACH

372603	14.5	86.21	10.8	9.8	10.8	70.5	66.0	3.3	3.3	3.9	3.7	84.62	89.19	5.15	3.2	62.14				
372615		49.66						3.6	3.6	3.8	3.8	94.74	94.74	5.5	2.5	45.45	5.7	6.4	89.06	
372642																				
372645								3.4	3.4	3.7		91.89		5.2	2.7	51.92	5.7	6.6	86.56	
372317			10.0	8.9	10.2	70.0	64.0							5.2	2.8	53.85	5.7	6.2	91.94	
372640																				
372628																				
372653																				
372641	14.8	85.81	10.7	9.0	10.8	71.0	61.5	3.6	3.7	3.9	3.9	92.31	94.87	5.3	2.25	42.45	5.7	6.5	87.69	
Specimens	(4)	(4)	(3)	(3)	(4)	(3)	(2)	(4)	(3)	(4)	(3)	(4)	(3)	(5)	(6)	(6)	(5)	(5)	(5)	(5)
Totals	57.4	41.5	28.3	42.0	211.5	161.5	13.9	10.6	13.3	11.4	31.85	31.85	16.05	28.5	2.7	60.30	5.7	6.5	87.96	
Averages	14.4	10.5	9.4	10.5	70.5	63.85	3.5	3.5	3.8	3.8	3.5	90.85	92.98	5.3	2.7	50.30	5.7	6.2	86.07	
Minima	14.0	85.81	8.9	10.2	70.0	61.5	3.3	3.3	3.7	3.7	3.7	89.19	91.5	4.9	2.25	42.45	5.7	6.0	86.07	
Maxima	14.8	90.07	9.8	10.8	71.0	66.0	3.6	3.7	3.9	3.9	3.9	94.74	94.87	5.5	2.8	62.14	5.7	6.6	91.94	

1 Near.
2 Syphilitic.

BOYNTON

327802.....	14.0	89.5	55.7	11.0	9.7	10.3	64.0	52.5	3.2	3.55	90.1	5.4	2.5	46.5	6.2	6.8	91.2	3.6	9.3
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MIAMI

332100.....	14.15	86.9	50.9	110.3	9.35	10.6	72.0	57.0	3.4	3.15	4.0	4.0	2.5	47.6	5.5	(6.8)	(80.9)	3.7	-----
228462.....	14.0	87.1	52.9	9.9	9.0	10.65	74.5	60.0	3.6	3.7	4.0	4.1	2.45	46.2	5.4	6.5	83.1	3.6	-----

SOUTHERN FLORIDA

219417.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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BELLEGLADE

Provisional No.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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35.....	14.2	-----	54.93	10.8	8.8	10.2	64.0	98.5	3.4	3.4	4.0	4.0	2.7	50.47	6.2	6.7	92.54	-----	-----
6.....	15.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
38.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31.....	-----	-----	-----	10.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
39.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23.....	-----	-----	-----	10.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
17.....	14.3	86.01	51.75	10.0	9.0	10.4	71.5	54.5	3.7	3.75	4.1	3.9	2.9	62.78	5.5	6.7	82.09	-----	-----
22.....	14.2	-----	-----	-----	9.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
41.....	14.8	87.84	52.70	10.3	9.2	10.6	70.0	66.0	3.55	3.6	3.85	3.8	2.85	51.82	5.7	7.1	80.28	-----	-----
18.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19.....	14.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
32.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
42.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Specimens.....	(6)	(4)	(5)	(3)	(3)	(8)	(5)	(5)	(3)	(3)	(3)	(3)	(3)	(3)	(4)	(4)	(4)	(4)	(4)
Totals.....	87.9	-----	-----	31.1	27.0	81.0	206.5	119.0	10.65	10.75	11.95	11.7	8.45	23.5	27.4	27.4	27.4	27.4	27.4
Averages.....	14.65	85.94	53.12	10.4	9.0	10.5	68.5	49.67	3.6	3.6	4.0	3.9	5.45	2.8	5.9	6.85	85.77	3.7	-----
Minima.....	14.2	86.01	51.75	10.0	8.8	9.7	64.0	58.5	3.4	3.4	3.85	3.8	2.7	50.47	5.5	6.7	80.28	3.6	-----
Maxima.....	15.5	87.84	54.93	10.8	9.2	11.4	71.5	66.0	3.7	3.75	4.1	4.0	2.9	62.78	6.2	7.1	92.54	3.6	-----

¹ Near.

FLORIDA, WEST COAST: MALES
PENSACOLA BAY

Catalog No.	Collection	Locality	Approximate 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. (Hrdlicka's method)	Teeth, wear	Men- tion- height (a)	Alveol. height (b)
242665	U.S.N.M.	Pensacola Bay	Adult		18.6	13.7	14.9	73.7	92.3	108.8	15.73	1,610		12.9	7.7
242681	do.	do.	do.	Slight lateral occipital flattening.	17.7	14.4	14.7	81.4	91.6	102.0	15.60				8.1
242630	do.	do.	do.		18.8	15.4		81.9							
242671	do.	do.	do.	Moderate occipital flattening.	17.4	14.3		82.2							
242632	do.	do.	do.	Pronounced occipital flattening.	(16.7)	(15.3)	(14.8)	(91.6)	(92.5)	(96.7)	15.60	1,500	Moderate	(15.0)	(8.9)
242670	do.	do.	do.		(18.3)	(15.6)	(14.8)				16.23				
Specimens					(4)	(4)	(2)	(4)	(2)	(2)	(4)	(2)		(1)	(3)
Totals					72.5	57.8	29.6	81.2	84.2	98.9	63.16	3,110		22.9	7.3
Averages					18.1	14.5	14.8	78.96	91.98	105.54	13.79	1,555			7.6

ST. ANDREWS BAY—APALACHICOLA

Catalog No.	Collection	Locality	Approximate 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. (Hrdlicka's method)	Teeth, wear	Men- tion- height (a)	Alveol. height (b)
2194	A. N. S. P.	St. Andrews Bay	Adult	Moderate frontal (not affecting dimensions).	18.1	14.7	13.8	81.2	84.2	98.9	15.53				7.3
2188	do.	Near Apalachicola	do.		17.2	14.0	13.6	81.4	87.2	97.1	14.93				6.6

GAINESVILLE

242683	U.S.N.M.	Gainesville	Adult		17.8	14.5	14.5	81.5	89.8	100.0	15.60	1,420			17.0
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CEDAR KEYS

227499	U.S.N.M.	Cedar Keys	Adult	18.9	14.5	14.2	76.7	85.0	97.9	15.87			8.4
2204	A.N.S.P.	do	do	18.4	14.2	14.0	77.2	85.9	98.6	15.53			7.0
2190	do	do	do	18.0	14.0	14.0	77.8	87.5	100.0	15.33			6.8
2205	do	do	do	17.6	13.8	14.3	78.9	91.4	103.6	15.20			7.0
2202	do	do	do	17.7	14.0	13.7	79.6	86.7	97.9	15.10			7.6
2197	do	do	do	17.4	14.4	14.1	81.4	87.9	97.9	15.40			7.3
2203	do	do	do	16.5	13.6	13.6	82.4	90.4	100.0	14.57			7.6
	do	Slight frontal occipital flattening.	do	18.1	15.0	14.4	82.9	87.0	96.0	15.83		12.7	7.3
2198	do	do	do	17.8	14.8	14.4	83.2	88.3	97.3	15.67			7.3
16533	U.S.N.M.	do	do	17.5	14.7		84.0						8.4
16332	do	do	do	17.9	15.1	14.2	84.4	86.1	94.0	15.73	1,460		13.5
2196	A.N.S.P.	do	do	16.8	14.4	13.8	85.7	88.5	95.8	15.0			6.9
212611	U.S.N.M.	do	do	(17.4)	(15.8)		(90.3)			1,490			10.9
Specimens				(12)	(12)	(11)	(12)	(11)	(11)	(11)	(2)		(11)
Totals				212.70	172.5	154.7	81.10	87.65	98.04	109.23	2,950.0		26.20
Averages				17.7	14.4	14.0	76.7	85.0	94.0	14.57	1,460.0		13.1
Minima				16.5	13.6	13.6	82.4	90.4	100.0	14.57			7.4
Maxima				18.9	15.1	14.4	85.7	91.4	103.6	15.87			13.5

Ocala

225081	U.S.N.M.	Ocala	Adult	17.8	14.2	14.6	79.8	91.2	102.8	15.53			7.6
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WITHLACOCHEE RIVER

1-2860	A.M.N.H.	Withlacoochee River	Adult	18.3	14.2		77.60						
1-2861	do	do	do	18.1	14.2	13.9	78.45	86.07	97.89	15.40			
1-2852	do	do	do	18.5	14.6	14.7	78.92	88.82	100.68	15.93			
1-2852	do	do	do	18.7	15.0		80.21						
1-2855	do	do	do	17.4	14.1		81.03						
1-2851	do	do	do	17.6	14.9	15.1	84.66	92.92	101.54	15.87			7.2
1-2867	do	do	do	18.5	15.8	14.6	85.41	85.13	98.41	16.30	1,630		
Specimens				(7)	(7)	(4)	(7)	(4)	(4)	(4)	(1)		(1)
Totals				127.10	102.8	58.3				63.5			
Averages				18.2	14.7	14.6	80.88	88.20	97.98	15.88			
Minima				17.4	14.1	13.9	77.60	85.13	98.41	15.40			
Maxima				18.7	15.8	15.1	85.41	92.92	101.54	16.30			

1 Near.

FLORIDA, WEST COAST: MALES—Continued

TARPOON SPRINGS

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (gabella 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)	Alveol. Ft.-Nasion height (b)
16009	W. I.	Tarpon Springs	Adult	Slight frontal occipital flattening.	18.8	14.4	76.6	79.6	89.7	98.6	15.43				
15782	do	do	do		18.1	14.2	78.4	78.4							
15851	do	do	do		18.4	14.6	79.4	79.4	89.1	107.7	15.90				
15853	do	do	do		18.4	14.7	79.9	79.9	84.6	95.2	15.70				
16007	do	do	do		18.4	14.7	79.9	79.9							
15791	do	do	do	Slight frontal flattening.	18.5	14.8	80.0	80.0	85.3	96.0	15.85				
16001	do	do	do		18.5	14.8	80.0	80.0							
16012	do	do	do		18.2	14.6	78.2	78.2	89.6	97.3	15.67				7.8
15788	do	do	do		17.8	14.3	80.3	80.3	87.8	98.6	15.40				
15849	do	do	do		18.4	14.8	80.4	80.4	89.8	97.3	15.87				
15845	do	do	do		18.0	14.6	81.9	81.9	85.3	95.2	15.50				
15852	do	do	do	Slight occipital flattening.	18.4	15.0	81.5	81.5	82.6	92.0	15.73				
15961	do	do	do		18.6	15.5	83.8	83.8							
15855	do	do	do	Slight frontal occipital flattening.	17.6	14.7	83.5	83.5	89.7	95.2	15.43				7.3
15856	do	do	do		17.8	14.9	83.7	83.7	83.2	91.5	15.43				8.1
15958	do	do	do		17.4	14.6	83.9	83.9							
15958	do	do	do		17.4	14.6	83.9	83.9							
15481	do	do	do		17.9	15.1	84.4	84.4	89.7	94.7	15.77				
15844	do	do	do		17.9	15.1	84.4	84.4	88.5	96.7	15.87				
15790	do	do	do		18.6	15.7	87.2	87.2							
Specimens					(20)	(20)	(20)	(20)	(13)	(13)	(13)				(3)
Totals					362.5	295.7	183.8	183.8			203.52				23.2
Averages					18.1	14.8	81.9	81.9	86.19	96.03	15.65				7.7
Minima					17.4	14.2	76.6	76.6	82.6	91.9	15.40				7.3
Maxima					18.8	15.7	87.2	87.2	89.1	100.7	15.90				8.1

HOG ISLAND

Seen locally.....	A. N., S. P.....	Hog Island.....	50.....	13.5	13.9	75.1	85.8	102.0	15.43	13.8	7.6
2207.....	do	do	do	17.7	14.0	13.8	79.1	87.1	15.17	12.7	7.8
2207a.....	do	do	do	17.7	14.0	14.2	79.1	89.6	15.30	12.7	7.6
2207b.....	do	do	do	18.2	14.4	14.9	79.1	101.4	15.83	12.7	8.1
2207c.....	do	do	do	17.0	13.7	14.0	79.9	99.5	15.30	12.9	7.6
2207d.....	do	do	do	17.0	13.7	13.1	80.6	85.8	14.60	12.9	7.2
2207e.....	do	do	do	17.6	14.2	14.2	80.7	100.0	15.33	12.9	7.2
2206.....	do	do	do	17.8	14.1	14.0	80.9	87.0	15.40	12.9	7.5
2208.....	do	do	do	17.2	14.0	13.6	81.4	87.9	14.93	12.9	7.5
22021.....	do	do	do	17.7	14.4	14.5	81.4	100.7	15.53	12.9	7.8
Specimens.....				(10)	(10)	(10)	(10)	(10)	(10)	(4)	(10)
Totals.....				17.7	14.1	140.2	88.09	99.86	182.82	52.30	76.3
Averages.....				17.7	14.1	14.0	81.94	89.86	15.28	13.1	7.6
Minima.....				17.0	13.7	13.1	75.1	85.5	14.60	12.7	6.6
Maxima.....				18.5	14.4	14.9	81.4	103.5	15.83	13.8	8.6

ANCILOTE RIVER

22084.....	U.S.N.M.....	Ancilote River.....	Adult.....	13.4	14.7	79.9	89.4	100.7	15.97		

SAFETY HARBOR

350372.....	U.S.N.M.....	Safety Harbor.....	50.....	19.4	14.3	75.7	85.8	97.4	15.87		
350373.....	do	do	60	19.2	14.4	14.0	75.0	87.4	15.87		
350374.....	do	do	65	18.5	14.0	14.3	75.7	96.7	15.60	13.1	8.1
350375.....	do	do	40	17.6	13.6	13.9	77.9	89.1	15.03	12.9	7.7
350376.....	do	do	55	18.0	14.4	13.8	77.4	83.6	15.60		
350377.....	do	do	60	18.5	14.5	13.8	78.4	85.8	15.72	13.9	8.2
350378.....	do	do	50	18.2	14.7	14.0	78.7	85.6	15.52	13.5	8.1
350379.....	do	do	55	18.3	14.4	14.0	78.9	84.4	15.80	13.3	8.1
350380.....	do	do	60	18.0	14.2	15.2	79.1	107.0	15.80	12.3	7.1
350381.....	do	Slight or none	65	18.7	14.8	79.1	80.6	1.510			
350382.....	do	do	24	18.4	14.6	80.6	91.1	1.490			
350383.....	do	do	50	17.3	14.2	80.7	80.7	1.490			
350384.....	do	do	60	18.2	14.7	80.8	85.7	95.9	15.67		
350385.....	do	do	55	18.0	14.6	81.4	81.4				
350386.....	do	do	40	18.7	15.2	81.3	81.3				
350387.....	do	do	45	18.2	14.8	81.5	81.5				
350388.....	do	do	70	18.4	15.0	81.5	81.5				
350389.....	do	do	35	18.5	15.1	81.6	81.6				
350390.....	do	do	40	18.3	15.0	82.0	82.0				
350391.....	do	do	35	18.3	15.0	82.0	82.0				
350392.....	do	do	35	18.3	15.0	82.0	82.0				

¹ Near.

FLORIDA, WEST COAST: MALES—Continued

SAFETY HARBOR—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabela ad maximum)	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)
350270	U. S. N. M.	Safety Harbor.	65		18.4	15.2	14.7	82.6	87.5	96.7	16.10	1,530		13.5	8.4
350344	do.	do.	50		18.0	15.0		83.3							7.7
350342	do.	do.	75		17.8	14.9		83.7							
350305	do.	do.	60		17.2	14.6		84.9							
350334	do.	do.	55		17.2	14.6		84.9							8.1
350282	do.	do.	30	Slight or none.	16.6	14.2	14.7	86.5	96.5	103.5	15.17	1,480		12.0	7.0
Specimens					(27)	(27)	(11)	(27)	(11)	(11)	(11)	(8)		(13)	(15)
Totals					490.8	393.1	159.9	80.50	87.78	98.96	171.47	11,950		168.8	116.9
Averages					18.2	14.3	14.2	80.50	87.78	98.96	15.50	1,468.75		13.0	7.8
Minima					16.6	13.6	13.8	73.7	82.6	93.8	13.03	1,420		12.0	7.0
Maxima					19.4	16.2	15.2	86.5	96.5	107.0	16.10	1,530		13.9	8.4

CLEARWATER

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabela ad maximum)	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)
243088	U. S. N. M.	Clearwater.	Adult.		17.5	13.5	14.0	77.1	90.5	103.7	15.00	1,475		11.4	7.2
243693	do.	do.	do.		18.4	14.4		78.3							
243696	do.	do.	do.	Slight occipital flattening.	18.6	15.0		80.5							
243691	do.	do.	do.		18.2	14.8	14.0	81.3	84.8	94.6	15.73	1,400			18.1
243665	do.	do.	do.		17.6	14.7		83.5							
243690	do.	do.	do.		18.6	15.6	15.0	83.9	87.7	96.2	16.40				8.0
243689	do.	do.	do.	Slight occipital flattening.	17.9	15.4	14.0	86.0	84.3	90.9	15.77	1,600			
Specimens					(7)	(7)	(4)	(7)	(4)	(4)	(4)	(3)		(1)	(3)
Totals					126.8	103.4	57.0	81.55	86.69	96.12	62.9	4,475		23.3	23.3
Averages					18.1	14.8	14.3	81.55	86.69	96.12	15.73	1,491.7		7.8	7.8
Minima					17.5	13.5	14.0	77.1	84.3	90.9	15.00	1,400		7.2	7.2
Maxima					18.6	15.6	15.0	86.0	90.3	103.7	16.40	1,600		8.1	8.1

TAMPA BAY

242651	U.S.N.M.	Tampa Bay	50	19.4	14.5	74.7	92.1	107.3	1,620			
242653	do	do	Adult	18.1	13.6	14.6	75.1	97.3	15.43			7.9
2211	A.N.S.P	do	do	19.1	14.6	14.2	76.4	84.3	15.97			11.7
242640	U.S.N.M.	do	do	18.8	14.4							
2219	A.N.S.P	do	do	17.6	13.6	13.6	77.3	87.9	100.0			7.0
242639	do	do	do	19.0	14.7	14.6	77.4	86.6	99.3			7.4
2216	do	do	do	17.1	13.4	13.6	78.4	89.2	101.5			7.4
242652	U.S.N.M.	do	do	17.7	14.0	15.0	79.1	94.6	107.1			12.2
242620	do	do	do	18.3	14.5							7.4
2217	A.N.S.P	do	do	17.0	13.7	13.8	80.6	89.9	100.7			7.4
362999	U.S.N.M.	Near Tampa	60	17.9	14.5	14.6	81.0	90.1	102.7	1,550		
2219	A.N.S.P	do	Adult	18.0	14.6	14.4	81.1	83.3	98.6	15.67		7.5
242630	U.S.N.M.	Tampa	65	18.7	15.4							
242632	do	Tampa Bay	Adult	17.7	14.9	82.4						
242613	do	Tampa	60	18.2	16.0	87.9						
242610	do	Tampa Bay	Adult									8.0
				(15)	(15)	(9)	(16)	(9)	(9)	(9)	(2)	(8)
Specimens				272.6	216.4	128.4			138.87	3,170		23.9
Totals				18.2	14.4	14.3	79.88	89.10	101.54	15.43		11.96
Averages				17.0	13.4	13.6	74.7	84.3	97.3	14.70		7.8
Minima				19.4	16.0	15.0	87.9	94.6	107.3	16.10		11.7
Maxima												8.0

Specimens

Totals

Averages

Minima

Maxima

WEEDEN ISLAND

329389	U.S.N.M.	Weeden Island	30	17.9	13.6	76.0						
do	do	do	45	18.5	14.2	76.7						
329417	do	do	35	18.4	14.2	77.2						
329380	do	do	60	19.1	14.8	77.5						
329386	do	do	65	18.6	14.9	79.7			(1,650)			
329400	do	do	65	18.0	14.5	80.6						
329379	do	do	40	18.1	14.6	80.7						
329392	do	do	50	17.7	14.5	81.9						
329407	do	do	65	18.3	15.4	84.2						
329384	do	do	50	17.8	15.0	84.8						
329380	do	do	45	16.8	14.4	85.7						7.6
329397	do	do	Adult	18.2	15.6	85.7						
329399	do	do	70	17.3	15.2	87.9						
				(13)	(13)	(13)						(1)
Specimens				284.7	190.9							
Totals				18.0	14.7	81.87						
Averages				17.3	13.6	76.0						
Minima				19.1	15.6	87.9						
Maxima												

i Near.

373487	do	do	55	18.9	14.5	13.6	77.13	81.08	89.79	15.63	12.7
373518	do	do	50	18.4	14.3	13.6	77.72	85.18	95.70	15.43	12.5
373573	do	do	65	19.0	14.8	14.2	77.89	84.02	96.95	16.00	8.2
373543	do	do	40	18.4	14.4	14.2	78.26	86.89	98.61	15.67	13.1
373615	do	do	55	19.4	15.2	14.7	78.35	84.97	96.71	16.43	7.9
373608	do	do	30	18.1	14.2	13.6	78.45	84.21	95.77	15.30	7.7
373602	do	do	55	18.6	14.6	14.2	78.49	86.07	96.65	15.40	6.9
373606	do	do	50	18.0	14.2	13.3	78.89	82.61	93.66	15.7	7.2
373592	do	do	50	18.1	14.3	13.7	79.01	82.04	92.67	15.70	11.9
373611	do	do	30	18.6	14.8	14.0	80.00	84.08	94.59	15.77	7.3
373500	do	do	50	18.5	14.8	14.3	80.34	89.10	100.00	15.47	7.7
373480	do	do	30	17.8	14.3	13.9	80.45	86.07	96.65	15.40	6.9
373495	do	do	50	17.9	14.4	14.2	80.54	85.03	95.80	15.87	7.6
373530	do	do	45	18.5	14.9	14.3	80.54	85.63	95.97	15.90	7.4
373588	do	do	50	18.5	14.9	14.3	80.54	85.63	95.97	15.90	7.7
373612	do	do	40	18.1	14.6	13.8	80.66	86.79	97.18	15.20	12.5
373602	do	do	35	17.6	14.2	13.6	80.77	89.67	92.63	15.50	7.6
373608	do	do	25	18.2	14.7	13.8	81.56	86.98	95.88	15.30	12.0
373616	do	do	50	17.7	14.4	14.0	81.77	86.71	94.69	15.63	7.4
373558	do	do	35	18.1	14.8	14.0	81.77	86.71	94.69	15.63	7.4
373561	do	do	18	18.3	15.0	14.1	81.97	84.68	94.0	15.80	7.7
373488	do	do	70	17.8	14.6	14.4	82.02	83.89	93.68	15.60	7.7
373467	do	do	40	17.9	14.6	14.4	82.36	83.53	94.31	16.23	7.7
373589	do	do	55	18.4	15.2	14.6	82.61	85.00	94.00	15.87	7.7
373572	do	do	65	18.4	15.2	14.6	82.61	85.00	94.00	15.87	7.7
373537	do	do	35	17.9	15.0	14.3	83.98	86.89	94.08	15.87	7.4
373650	do	do	35	18.1	15.2	14.3	84.48	87.69	95.48	15.97	7.4
373650	do	do	43	17.4	14.7	14.6	85.0	87.69	95.48	15.97	7.4
373477	do	do	40	18.0	15.3	14.6	85.0	87.69	95.48	15.97	7.4
373579	do	do	45	18.1	15.8	14.7	87.89	86.73	93.04	16.20	7.4
373665	do	do	45	(18.6)	(15.0)	(15.3)	(80.65)	(91.07)	(102.0)	16.30	7.8
373601	do	do	70	(17.7)	(15.4)	(14.0)	(84.75)	(85.03)	(93.83)	15.57	17.6
373596	do	do	43	(17.6)	(15.4)	(14.1)	(87.60)	(85.45)	(91.66)	15.70	7.7
Specimens				(37)	(37)	(29)	(57)	(29)	(29)	(21)	(25)
Totals				678.1	539.6	409.6	79.63	85.69	96.76	503.31	189.4
Averages				18.3	14.6	14.1	79.63	85.69	96.76	15.73	7.6
Minima				17.4	13.8	13.3	74.09	82.04	92.69	15.20	6.9
Maxima				19.4	15.8	14.8	87.29	91.64	106.47	16.43	8.2

OSPREY

Seen locally.	Osprey	Adult	17.8	13.7	13.6	77.0	86.4	96.5	15.03
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! Near.
* Restored.

FLORIDA, WEST COAST: MALES—Continued

CHADWICK BEACH

Catalog No.	Collection	Locality	Approximate 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	Men tion-Nasion height (a)	Alveol. Pt.-Nasion height (b)
331075	U.S.N.M.	Chadwick Beach, Charlotte County.	55	-----	17.7	15.2	14.3	86.9	86.9	94.1	15.73	1,420	-----	-----	7.5

CHARLOTTE BAY

300118	U.S.N.M.	Charlotte Bay	Senile	-----	18.5	14.8	13.6	80.0	81.7	91.9	15.63	1,515	-----	-----	17.4
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CAPTIVA ISLAND

340636	U.S.N.M.	Captiva Island	60	-----	18.8	13.7	13.5	72.9	85.1	93.5	15.33	1,400	-----	-----	-----
340638	do	do	65	-----	18.0	13.8	13.5	76.7	89.9	105.4	16.23	1,500	-----	-----	-----
340630	do	do	65	-----	19.0	14.6	15.1	76.8	89.9	105.4	16.23	1,610	-----	-----	-----
340650	do	do	60	-----	19.4	15.0	14.2	77.3	82.6	94.7	16.20	1,565	-----	-----	7.8
340666	do	do	60	-----	19.3	15.1	14.8	78.2	86.1	98.0	16.40	1,580	-----	-----	-----
340675	do	do	60	-----	18.8	14.8	14.3	78.7	89.9	102.1	15.37	-----	-----	-----	-----
340680	do	do	55	-----	17.8	14.0	14.3	78.7	89.9	102.1	15.37	-----	-----	-----	-----
340613	do	do	40	-----	18.4	14.7	15.0	79.9	90.6	102.0	16.03	1,630	-----	-----	7.6
340653	do	do	60	-----	18.7	15.0	14.0	80.2	83.1	95.3	15.90	1,625	-----	-----	7.8
340615	do	do	70	-----	17.8	14.3	12.8	80.3	79.8	89.5	14.97	1,310	-----	-----	7.3
340632	do	do	70	-----	18.3	14.7	14.3	80.3	80.3	89.5	14.97	1,540	-----	-----	-----
340690	do	do	65	-----	18.7	15.1	14.3	80.3	80.3	89.5	14.97	1,540	-----	-----	-----
340647	do	Captiva Bay	70	-----	17.8	14.4	13.2	80.9	82.2	91.7	15.10	-----	-----	-----	7.1
340657	do	Captiva Island	40	-----	17.7	14.4	14.4	81.4	86.8	96.6	15.87	1,540	-----	-----	-----
340635	do	do	65	-----	18.3	14.9	14.4	81.4	86.8	96.6	15.87	1,540	-----	-----	-----
340645	do	do	45	-----	18.5	15.1	15.1	81.6	87.5	97.4	16.53	1,670	-----	-----	7.5
340637	do	do	55	-----	19.0	15.5	15.1	81.6	87.5	97.4	16.53	1,670	-----	-----	7.5
340624	do	do	50	-----	17.9	14.6	14.6	81.6	87.5	97.4	16.53	1,670	-----	-----	7.5

340643	do	do	35	17.8	114.6	15.0	82.0	92.6	102.7	15.80		
340662	do	Capitva Bay	60	18.4	15.2		82.6				1,580	
340618	do	do	70	18.0	15.1		83.2				1,490	
340612	do	Capitva Island	75	18.0	15.2	1 13.6	84.0	81.7	89.5	15.63	1,500	
340621	do	do	30	18.1	15.0		85.2				1,550	
340664	do	do	Adult	17.6	15.0		86.0				1,580	
340670	do	do	70	17.9	15.4		86.2			15.57		
340678	do	do	Adult	17.4	15.0	14.3	86.2	88.3	95.3			
												(6)
				(26)	(26)	(14)	(26)	(14)	(14)	(14)	(16)	(6)
Specimens				475.8	384.5	199.3	80.81	86.0	96.75	220.93	24.570	75.9
Totals				18.3	14.8	14.2	72.9	79.8	89.5	15.78	1,535.6	45.1
Averages				17.6	13.7	12.8	86.2	86.2	103.4	14.97	1,220	12.7
Minima				19.4	15.5	15.1					1,670	12.4
Maxima												13.0

FORT MYERS

15477	W. I.	Near Fort Myers	Adult	19.0	14.8		77.9					
15487	do	do	do	18.4	14.7		79.9					
292775	U. S. N. M.	do	do	18.3	14.7	14.9	80.3	90.3	101.4	15.97		7.8
2230	A. N. S. P.	do	do	18.0	14.5	14.2	80.6	87.4	97.9	15.57		16.8
292776	U. S. N. M.	do	do	19.3	15.7		81.3					
292753	do	do	do	17.2	14.0		81.4					7.7
2228	A. N. S. P.	do	do	17.8	14.5	14.4	81.5	89.2	99.3	15.57		7.6
2229	do	do	do	17.6	14.4	14.0	81.8	87.5	97.2	15.33		6.8
				(8)	(8)	(4)	(8)	(4)	(4)	(4)		(1)
Specimens				143.6	117.3	57.5	80.56	83.60	98.97	62.44	36.70	36.70
Totals				18.2	14.7	14.4	77.9	87.4	97.2	15.61	7.34	7.34
Averages				17.2	14.0	14.2	81.8	87.4	97.2	15.33		6.8
Minima				19.0	15.7	14.9	81.8	90.3	101.4	15.97		7.8
Maxima												

CORA KEY

247171	U. S. N. M.	Cora Key, Lee County.	Adult	17.9	13.8	14.4	77.1	91.1	104.4	15.37		11.2
												6.8

CAPE BLANCO

315004	U. S. N. M.	Cape Blanco, Lee County.	Adult	17.9	13.9	14.3	77.6	89.9	102.9	15.37	1,460	12.7
												7.8

¹ Near.

FLORIDA, WEST COAST: MALES—Continued
BONITO SPRINGS

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Dregma 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. height (b)
349096	U.S.N.M.	Bonito Springs	Adult		13.6	13.8		74.2				1,420			8.0

HORRS ISLAND

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Dregma 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. height (b)
352092	U.S.N.M.	Horris Island, Collier County.	60		20.0	14.4	14.5	72.0	84.3	100.7	16.30	1,670		111.7	6.9
352132	do	do	50		19.4	14.0		72.2						13.3	7.8
352159	do	do	70		19.7	14.3	15.1	72.6	83.8	105.6	16.37	1,670		13.3	7.8
352144	do	do	40		19.4	14.6		72.3							
352118	do	do	55		13.0	13.6		76.6							
352139	do	do	55		19.7	15.0		76.1							
352133	do	do	40		18.4	14.0		76.1							
352085	do	do	55		19.0	14.5		76.3							
352070	do	do	50		18.8	14.5		77.1							
352103	do	do	25		18.5	14.3	13.7	77.3	83.6	95.8	15.50	11,440		12.3	7.4
352068	do	do	55		18.6	14.4		77.4							
352065	do	do	65		17.6	13.7		77.8							
352069	do	do	65		18.4	14.5		78.8							
352142	do	do	60		18.4	14.5		78.8							
352123	do	do	50		18.2	14.4		79.1							
352051	do	do	60		18.2	14.4	14.2	79.1	87.1	98.6	15.60	1,400		13.0	7.9
352002	do	do	60		18.6	14.8	14.4	79.6	86.2	97.5	15.93	1,490		12.8	8.1
352160	do	do	50	Slight occipital	18.2	14.5	14.2	79.7	86.9	97.9	15.63	1,490		12.7	7.8
352104	do	do	35		18.3	14.7		80.3				1,590		12.8	7.7
352104	do	do	50		17.9	14.4		80.5				1,290		13.3	8.1
352102	do	do	45		18.2	14.7	15.0	80.8	91.2	102.0	15.97				
352116	do	do	35		18.5	15.0		81.1							
352107	do	do	30		18.4	15.0		81.5							
352088	do	do	(?)		19.0	15.5		81.6							
352124	do	do	40		17.9	14.7		82.1							
352164	do	do	60		18.4	15.1		82.1							
352157	do	do	40		18.1	14.9	13.8	82.3	83.6	92.6	15.60				
352157	do	do	40		18.1	14.9		82.3							
352099	do	do	45		18.5	15.3		82.7							

352104	do.	60.	18.1	15.0	82.9	1,680	8.0
352108	do.	30.	17.6	14.6	83.0	1,370	12.9
352072	do.	65.	18.5	15.5	83.8		7.5
352158	do.	45.	18.3	15.5	84.7	1,670	7.6
352109	do.	65.	17.6	15.0	85.2		7.9
352073	do.	60.	18.1	15.6	86.2	1,570	8.1
Specimens.							
Totals.....							
Averages.....							
Minima.....							
Maxima.....							

PENSACOLA BAY

Catalog 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	Diam. frontal minium.	
																							(33)
242655	14.3	90.2	66.6	10.4	9.0	11.2	68.0	52.5	3.5	3.5	3.8	3.8	92.1	92.1	5.6	2.7	48.2	5.9	6.7	88.1	5.1		
242651						10.45									5.5	2.4	46.4						
242630									3.4	3.5	3.7	3.8	91.9	92.1	5.3	2.5	47.2	6.8	6.8				
242671									3.8	3.7	3.8	3.8	100.0	97.4	(6.0)	(2.15)	(55.8)	5.3	6.8	77.9			
242632	13.6	(110.3)	(65.4)	9.4	8.4	10.3	68.5	61.0	3.8	3.7	3.8	3.8											
242670																							
Specimens.....	(2)	(1)	(1)	(2)	(2)	(3)	(2)	(2)	(2)	(3)	(3)	(3)	(2)	(2)	(3)	(3)	(5)	(2)	(3)	(2)	(2)	(1)	
Totals.....	27.9	136.5	136.5	19.8	17.4	31.95	136.5	113.5	7.2	10.7	7.5	11.4	96.0	95.86	16.4	7.60	46.34	11.2	20.3	82.96			
Averages.....	13.95			9.9	8.7	10.65	68.3	56.8	3.6	3.6	3.8	3.8			5.5	2.5	46.34	5.6	6.8				

ST. ANDREWS BAY—APALACHICOLA

2194	14.2	51.4													5.2	2.3	44.2					
2188	13.8	47.8													4.6	2.6	66.5					

1 Near.

FLORIDA, WEST COAST: MALES—Continued
GAINESVILLE

Catalog 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	Orbita Index, right	Orbita 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	Diam. frontal minim.
242883	14.2		149.3	10.4	9.2	10.2	69.0	51.0	3.4	3.4	3.7	3.7	91.9	91.9	5.0	2.3	46.0	15.7	9.3	90.6		
CEDAR KEYS																						
227499	15.2		65.8			10.4									5.3	2.95	60.0					
2204	14.7		47.6												4.8	2.2	46.8					
2200	14.3		47.6												4.9	2.55	48.0					
2199	13.4														(3.1)	2.1	(67.7)					
2205	14.2		49.9												5.1	2.5	49.0					
2202	13.8		56.1												5.0	2.45	49.0					
2197	14.0		52.1												5.3	2.5	47.2					
2203	14.8		51.4												5.5	2.8	50.9					
2198	14.6		60.0												5.5	2.65	48.2					
16533																						
16332	15.15		89.1	10.6	9.2	10.45	65.5	55.0	3.6	3.65	4.2	4.2	85.7	86.9	5.3	2.6	49.1	6.1	6.4	56.3	4.3	
2195	13.8		60.0						3.7		4.0		92.0		4.6	2.4	52.2					
242011															5.0	2.55	51.0					
Specimens	(11)	(2)	(10)	(1)	(1)	(2)	(1)	(1)	(2)	(1)	(2)	(1)	(1)	(1)	(11)	(12)	(11)	(1)	(1)	(1)	(1)	(11)
Totals	157.95			20.85					7.3		8.2		89.02		56.3	29.99						
Averages	14.4		51.11	10.4					3.65		4.1		86.7		5.1	2.5	49.47					
Minima	13.4		47.6	10.4					3.6		4.0		85.7		4.6	2.1	45.8					
Maxima	15.2		66.4	10.45					3.7		4.2		92.5		5.5	2.8	62.2					
OCALA																						
225081	13.8		66.1	10.8	9.3	11.0	71.0	49.5	3.5		4.05	4.0	86.4		5.2	2.8	63.8	5.8	6.45	88.6		

WITHLACOCHEE RIVER

1-2860.....													
1-2861.....													
1-2862.....													
1-2862.....													
1-2865.....													
1-2851.....								5.2	1 2 5	48.08			
1-2867.....													
Specimens.....									(1)	(1)	(1)		
Totals.....									(1)	(1)	(1)		
Averages.....													
Minima.....													
Maxima.....													

TARPON SPRINGS

16099.....													
15782.....													
15854.....													
15853.....													
16007.....													
15791.....													
16001.....													
16012.....													
15788.....								5.3	2.3	49.4			
15849.....													
15845.....													
15852.....													
15855.....													
15856.....													
15858.....													
15961.....													
15855.....								5.1	2.6	51.0			
15856.....								5.8	2.7	46.6			
15858.....													
15968.....													
15481.....													
15844.....													
15790.....													
Specimens.....									(3)	(3)	(3)	(3)	(3)
Totals.....								16.20	7.60				
Averages.....								5.40	2.53	46.91			
Minima.....								5.1	2.3	43.4			
Maxima.....								5.8	2.7	51.0			

¹ Near.

350025	13.8	93.5	55.6	10.3	9.4	10.3	68.0	59.5	3.4	3.7	91.9	5.6	2.5	45.5	7.0	81.4	3.7	3.75	9.6
350017																			
350285																			
350020																			
350023	15.0	89.5	51.5	10.5	9.2	10.2	61.0	53.5	3.4	4.0	85.0	5.15	2.6	50.5	5.7	6.3	3.7	3.7	10.0
350031	14.4	91.7	56.3	10.4	8.8	10.4	62.0	47.0	3.3	3.9	88.2	5.5	2.7	49.1	5.7	6.8	3.9	3.9	9.6
350277	14.4	85.4	49.5						3.3	3.35	81.6	5.0	2.7	51.0	5.9	6.8	3.6	3.6	8.9
350286																			
350022	14.0	88.6	52.9	11.2	9.8	10.4	63.5	50.0	3.3	3.1	82.5	4.9	2.55	52.0	6.0	6.6	4.0	4.0	10.0
350278	14.4	91.0	55.5						3.6	3.65	92.3	5.5	2.4	45.6	5.4	6.6	3.8	3.8	9.0
350321																			
350279																			
350030	14.5	91.72	55.2						3.4	4.1	82.9	5.7	2.8	49.1	6.0	7.1	3.8	3.8	10.0
350029																			
350043																			
350287	14.3	93.7	44.6						3.65	3.9	93.6	5.1	2.5	49.0	6.3	6.7	3.7	3.7	9.5
350058																			
350276	14.6	92.5	57.5	10.7	9.5	10.6	66.0	57.0	3.25	3.9	83.3	5.7	2.6	52.8	6.3	7.1	3.8	3.8	10.0
350044									3.45	3.9	88.5	5.7	2.6	45.6			14.2	14.2	9.8
350042																			
350035																			
350034																			
350282	13.9	86.3	50.4	9.5	8.6	9.9	72.0	53.5	3.6	3.9	92.3	5.6	2.6	46.4	6.0	6.7	3.7	3.7	9.4
Specimens	(10)	(10)	(10)	(8)	(8)	(10)	(8)	(8)	(11)	(9)	(11)	(14)	(14)	(11)	(11)	(11)	(18)	(18)	(19)
Totals	143.3	84.6	74.5	104.5	825.0	423.5	30.75	38.9	35.65	43.9	75.80	36.35	5.4	2.6	43.22	64.9	73.3	69.35	151.8
Averages	14.3	82.74	55.66	10.5	9.3	10.5	63.6	52.9	3.3	4.0	86.26	5.4	2.6	43.22	5.9	6.7	3.88	3.88	9.6
Minima	13.8	83.5	44.6	9.5	8.6	10.2	62.0	47.0	3.1	3.9	82.5	4.9	2.3	45.6	5.4	6.1	3.7	3.7	8.9
Maxima	15.0	93.7	57.5	11.2	9.8	10.9	72.0	59.5	3.6	4.1	92.3	5.8	2.8	51.0	6.3	7.1	4.2	4.2	10.0

CLEARWATER

243688	13.1	87.0	55.0	10.3	9.2	10.5	69.0	58.0	3.7	3.7	93.5	5.5	2.4	43.6	5.8	17.2	80.6	13.8	3.4	
243693																				
243696																				
243691																				
243695																				
243690																				
243089																				
Specimens	(1)	(1)	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(5)	(3)	(3)	(5)	(1)	(2)	(1)	(2)	(2)	
Totals	13.1	87.0	55.0	10.3	9.2	10.5	69.0	58.0	3.7	3.7	93.5	5.5	2.4	43.6	5.8	17.2	80.6	13.8	3.4	
Averages	13.1	87.0	55.0	10.3	9.2	10.5	69.0	58.0	3.7	3.7	93.5	5.5	2.4	43.6	5.8	17.2	80.6	13.8	3.4	
Minima	13.1	87.0	55.0	10.3	9.2	10.5	69.0	58.0	3.7	3.7	93.5	5.5	2.4	43.6	5.8	17.2	80.6	13.8	3.4	
Maxima	13.1	87.0	55.0	10.3	9.2	10.5	69.0	58.0	3.7	3.7	93.5	5.5	2.4	43.6	5.8	17.2	80.6	13.8	3.4	

1 Near.

326379								3.9		5.7	2.8	49.1					9.3	
326382									3.7				84.9				3.6	
326407							3.55	4.1	85.6	5.3	2.9	64.7	6.2	7.3	84.9		9.8	
326384							3.3	3.4	85.8	5.3	2.15	40.6	5.8	6.5	89.2		9.2	
326390	13.9		64.7															
326397																	10.0	
326399																		
	(1)		(1)			(2)	(3)	(2)	(3)	(3)	(3)	(5)	(3)	(3)	(5)	(2)	(9)	
Specimens						6.85	10.4	7.9	11.5	16.3	7.85		17.5	20.6		6.9	87.9	
Totals						3.4	3.5	3.95	3.8	5.4	2.6	48.16	5.8	6.9	84.95	3.45	9.8	
Averages						3.3	3.3	3.8	3.7	5.3	2.15	40.6	5.5	6.5	80.9	3.3	9.2	
Minima						3.55	3.7	4.1	3.9	5.7	2.9	64.7	6.2	7.3	89.2	3.6	10.4	
Maxima																		
MAXIME CREEK																		
242629					11.6	10.5	11.05	67.0	57.0	3.35	3.4	3.8	88.2	89.5	5.3	3.0	66.0	6.2
																		92.5
BOGO SEGO BAY																		
331248																		10.5
MANATEE COUNTY																		
304701	14.9	81.2	51.7	10.1	9.25	10.75	73.0	60.0	3.4	3.4	3.9	3.9	87.2	87.2	5.8	2.6	44.7	5.7
																		84.4
																		3.3
SAKASOTA BAY																		
225075	14.5		51.7	19.9	9.15	10.25	70.5	63.0	3.9	3.8	4.3	4.3	90.7	88.4	5.4	2.5	40.3	
PERICO ISLAND																		
373476	14.6	84.26	49.32	10.4	9.4	10.9	73.5	53.5	3.8	3.8	4.1	4.0	82.68	96.00	5.35	2.4	44.86	5.9
373481	14.2	83.03	52.62						3.6	3.8	4.1	4.0	87.80	95.0	5.4	2.7	60.00	5.3
373494	14.8	89.19	62.70	10.1	9.2	10.6	71.0	59.0	3.6	3.65	4.0	3.8	80.00	96.05	5.6	2.6	46.43	5.6
373595	14.5								3.7	3.7	4.0	3.9	92.60	94.87	4.9	2.6	63.06	
373498	14.4	83.19	62.08	11.0	9.7	11.0	70.0	51.5	3.4	3.55	4.0	3.9	86.00	91.08	5.3	2.7	60.94	6.0
373503	15.0	88.00	63.85	11.2	10.0	10.9	66.5	54.0	3.7	3.7	4.1	4.0	90.24	92.50	5.6	2.5	44.64	6.0
373597																		
373487	14.1	90.07	65.32	10.8	9.4	10.6	67.5	51.5	3.6	3.7	4.1	3.9	87.80	94.87	5.3	2.6	49.06	6.0
373618	14.1	88.65	51.77	10.1	9.0	10.2	69.5	54.0	3.9	3.9	4.05	3.9	93.24	100.0	5.1	2.25	44.12	5.5
373573	115.4		63.25						3.9	3.9	4.25	4.1	91.76	95.12	5.55	2.6	46.85	5.6
373543	115.0	87.53	52.67	10.4	9.3	10.6	69.5	57.5	3.9	3.9	4.0	3.9	87.18	87.18	5.4	2.6	48.15	5.9
373615	115.6								3.5	3.5	4.0	3.9	87.60	89.74	5.2	2.6	60.0	
373608																		

FLORIDA, WEST COAST: MALES—Continued
PERICO ISLAND—Continued

Catalog 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 maxm.	Nasal Index	Upper Alveolar Arch, length maxm.	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	Diam. frontal minm.
373602	14.7	85.62	49.82	10.0	8.6	9.6	65.5	48.0	3.3	3.45	3.9	3.7	84.62	93.24	5.0	2.6	62.0	5.5	16.6	83.83		
373606	14.6								3.45	3.45	3.9	3.8	88.46	90.79	4.9	2.5	51.02					
373611									3.6	3.7	4.0	4.0	90.00	92.60	5.25	2.7	51.45					
373500	14.9		51.68	10.3	8.8	10.4	69.0	49.5	3.4	3.4	3.7	3.6	95.12	92.68	5.4	2.6	48.15		6.3	90.48		
373480	14.3	92.81	53.85	10.5	9.2	10.6	69.5	51.5	3.4	3.4	3.7	3.6	91.89	94.44	5.15	2.7	52.43		7.0	78.47		
373495	14.2	87.69	48.69	9.8	8.6	10.0	72.5	52.0	3.4	3.4	3.7	3.6	91.89	94.44	5.15	2.7	52.43		6.2	82.96		
373495	14.3	88.11	53.15	11.0	10.0	10.9	69.0	57.5	3.6	3.6	4.1	4.1	87.80	87.80	5.4	2.6	48.15		6.4	90.63		
373688									3.7	3.8	4.0	4.0	92.5	95.00	5.2	2.15	41.95					
373612	14.6	85.62	50.88						3.6	3.65	4.1	4.0	87.80	89.09	5.2	2.3	44.93		6.4	89.06		
373602	14.0		55.00						3.86	3.95	4.1	3.0	93.90	101.28	5.5	2.7	49.09		6.6	86.96		
373508	14.0	84.86	51.01	10.1	9.0	10.2	69.0	54.0	3.3	3.3	3.7	3.7	80.19	89.19	5.15	2.55	49.61		6.0	90.91		
373516	14.4	83.53	51.89			10.8																
373558	14.6																					
373561																						
373488																						
373567	14.7					11.1																
373589	15.3	88.01	50.85																			
373572	14.6																					
373587																						
373650																						
373477	14.9	84.56	49.66	10.1	9.0	10.2	69.0	55.0	3.7	3.7	4.0	4.0	92.60	92.60	5.2	2.3	44.23		5.5	83.33		
373579	15.2	84.87	43.68	9.9	8.9	10.4	72.0	55.5	3.8	3.8	4.0	3.9	87.44	97.44	5.25	2.65	60.43		6.0	81.16		
373565	15.1	87.42	51.66	10.9	8.6	10.9	68.5	57.5	3.4	3.4	4.0	4.0	85.0	86.0	5.25	2.65	60.43		6.9	86.96		
373501	13.9		54.68						3.7	3.7	3.8	3.9	90.84	90.84	5.05	2.25	44.69		5.5	84.63		
373596	14.3	88.81	53.86						3.7	3.7	4.1	3.9	97.87	94.87	5.45	2.2	40.87		6.5	84.63		
Specimens	(30)	(20)	(24)	(16)	(18)	(20)	(16)	(16)	(24)	(26)	(24)	(26)	(24)	(26)	(27)	(27)	(27)	(21)	(21)	(21)	(21)	
Totals	439.2			166.4	165.8	210.7	1,111.5	861.5	86.9	94.8	96.2	102.1	90.83	92.56	142.55	68.3		119.9	137.9	119.9	137.9	
Averages	14.6	86.62	51.95	10.4	9.2	10.5	69.47	53.84	3.6	3.6	4.0	3.9	90.83	92.56	5.28	2.53	47.91		6.6	86.96		
Minima	13.9	81.69	48.69	9.6	8.6	9.6	65.5	51.5	3.3	3.3	3.7	3.6	84.63	86.0	4.9	2.2	40.87		6.2	78.67		
Maxima	15.6	92.81	56.22	11.2	10.0	11.1	73.5	59.0	3.9	3.95	4.25	4.1	97.87	101.28	5.6	2.7	53.06		7.1	96.77		

OSPREY

CHADWICK BEACH

331075.....	14.6	51.4	10.4	9.1	10.2	67.5	53.5	3.45	3.45	4.0	3.9	86.5	88.5	5.0	2.4	48.0	5.5	6.9	79.7	9.7
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CHARLOTTE BAY

300118.....	14.8	60.0	10.3	9.5	10.6	71.5	50.0	3.45	3.5	4.0	4.0	86.2	87.5	5.6	2.7	48.2				
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CAPTIVA ISLAND

340636.....					10.7			3.6		4.0		90.0		5.7	2.3	40.4				3.7
340638.....					10.8					4.1										9.2
340650.....		61.0	10.3	9.2	10.6	70.5	56.5	3.7	3.7	4.1	4.1	90.2		5.6	2.55	45.5	5.7	6.9	82.6	3.8
340666.....					10.8															11.0
340675.....																				10.2
340680.....																				
340613.....	14.6	85.6						3.75		4.1		91.5		5.6	2.6	46.4	5.4	6.5	89.1	3.5
340653.....	14.7	88.4	10.6	9.2	10.6	68.5	50.5	3.55	4.1	3.9	3.5	89.0		5.4	2.4	44.4	5.9	6.9	85.5	9.8
340615.....	14.6	84.9	11.0	9.8	10.4	65.5	52.0	3.7	3.9	3.5	3.9	94.6		5.1	2.3	45.1				9.6
340682.....	15.0													5.1	2.3					10.1
340682.....																				10.2
340680.....																				
340647.....																				
340657.....	11.4	86.8	10.2	9.0	10.1	68.5	51.0	3.65	3.55	3.8	3.8	96.1		5.0	2.5	50.0	5.6	6.4	87.5	9.3
340635.....					10.8			3.5		4.2		83.5								9.6
340635.....																				9.8
340637.....																				9.5
340634.....					10.5	70.0	57.0	3.35		3.8		88.2		5.3	2.25	42.5				3.5
340624.....																				
340643.....			8.6																	
340682.....																				
340618.....																				9.6
340621.....									3.95	4.0		98.8								3.7
340664.....																				10.1
340670.....																				9.7
340678.....																				9.7
340678.....																				9.8
Specimens.....	(6)	(6)	(6)	(5)	(9)	(5)	(5)	(4)	(8)	(4)	(8)	(4)	(8)	(7)	(7)	(7)	(4)	(4)	(4)	(10)
Totals.....	88.6		61.1	46.6	95.3	343.0	297.0	14.7	29.3	15.5	31.9	91.85	91.85	37.7	16.9	44.88	22.6	26.7	86.35	195.1
Averages.....	14.8	51.00	10.2	9.2	10.6	68.6	53.4	3.7	3.9	4.0	4.0	91.84	91.84	5.4	2.4	44.88	5.7	6.7	84.64	3.6
Minimum.....	14.4	49.5	8.6	9.0	10.1	65.5	50.5	3.65	3.35	3.5	3.8	89.0	89.0	5.0	2.25	40.4	5.4	6.4	82.6	3.45
Maximum.....	15.3	88.4	11.0	9.8	10.8	70.5	57.0	3.7	3.95	4.1	4.2	96.1	100.0	5.7	2.6	50.0	5.9	6.9	87.5	3.8

FLORIDA, WEST COAST: MALES—Continued

FORT MYERS

Catalog No.	Diam. Bizygomatico maxim. (c)	Facial Index, total $\left(\frac{a}{b} \times 100\right)$	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	Diam. frontal minim.
15477	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15487	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
292775	14.4	86.8	51.9	-----	-----	10.3	-----	-----	-----	-----	-----	-----	-----	-----	5.4	2.6	48.1	5.9	6.7	88.1	4.2	-----
2230	13.3	-----	51.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.8	2.7	56.2	-----	-----	-----	-----	-----
292776	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
292753	14.1	-----	51.6	-----	-----	-----	-----	-----	3.7	3.7	3.9	3.9	94.9	94.9	5.4	2.4	44.4	5.6	6.7	88.6	-----	-----
2228	14.5	-----	51.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.3	2.5	47.2	-----	-----	-----	-----	-----
2229	13.7	-----	49.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.8	2.3	47.9	-----	-----	-----	-----	-----
Specimens	70	(5)	(5)	-----	-----	(1)	-----	-----	(1)	(1)	(1)	(1)	(1)	(1)	(5)	(5)	(5)	(2)	(2)	(2)	(1)	-----
Totals	70.0	(1)	(5)	-----	-----	-----	-----	-----	(1)	(1)	(1)	(1)	(1)	(1)	25.7	12.5	-----	11.50	13.4	-----	-----	-----
Averages	13.0	-----	52.43	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.1	2.5	48.64	5.75	6.7	86.82	-----	-----
Minima	13.3	-----	49.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4.8	2.3	44.4	5.6	6.7	83.6	-----	-----
Maxima	14.5	-----	54.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.4	2.7	56.2	5.9	6.7	88.1	-----	-----

CORA KEY

247171	13.3	84.2	51.1	10.1	8.9	10.25	71.5	48.0	3.3	3.3	4.0	3.9	82.5	84.6	50.5	2.1	41.6	5.4	6.5	83.1	3.6	-----
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CAPE BLANCO

315004	13.9	91.4	56.1	10.6	9.2	10.2	65.0	47.0	3.6	3.6	3.8	3.9	84.7	92.3	5.7	2.4	42.1	5.9	6.9	86.5	3.8	-----
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BONITO SPRINGS

340096	14.4	55.6						3.75	3.7	4.45	4.45	84.8	83.1	5.5	2.85	51.8	5.7	6.7	85.1	
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HORRS ISLAND

352092	15.0	78.0	46.0	10.9	10.0	10.8	10.8	71.0	58.5	3.4	3.5	3.9	3.9	87.2	89.7	4.85	2.75	56.7	5.7	6.8	82.8	3.5	9.9
352132																						4.2	9.5
352159	14.7	90.5	53.1	10.4	9.4	10.8	10.5	70.5	58.5	3.9	3.8	4.1	4.3	95.1	88.4	5.5	2.7	49.1				3.7	10.0
352144																						4.2	9.3
352118																						3.7	9.5
352139																						3.7	9.5
352133																						3.8	8.9
352085	115.2																					3.4	10.1
352070																						3.4	9.3
352103	14.1	87.2	52.5	11.2	9.6	10.0	10.5	60.5	43.0							5.2	2.65	51.0	6.0	6.6	90.9	3.5	9.7
352068																						3.8	9.4
352065	114.2	87.3	52.8																			3.85	9.5
352069																						3.95	9.1
352142																						4.2	9.2
352123	14.6		52.7			10.6	10.6			3.9	4.05			96.90		5.7	2.65	46.5				4.2	9.5
352051	14.9	87.9	53.0	11.2	9.9	10.6	10.6	64.5	51.5	3.55	3.55	4.0	4.0	88.8	88.8	5.5	2.8	50.9	6.5	7.1	91.6	3.5	9.3
352062	14.8	86.5	51.7							3.6	3.55	3.8	3.75	91.7	91.7	5.5	2.5	45.5	5.7	6.9	82.6	3.65	9.2
352100	14.2	89.4	54.9							3.7	3.7	4.05	4.1	91.4	90.2	5.7	2.65	46.5	5.9	6.4	92.2	3.6	9.4
352164	114.8	86.5	52.0							3.6	3.5	4.0	4.1	90.0	85.4	5.85	2.7	50.5				3.5	9.3
352102	114.8	89.9	54.7			10.5										5.9	2.5	42.4	5.8	6.7	86.6	3.5	9.3
352116																			5.7	6.9	82.6	3.5	9.5
352107																			6.4	6.9	92.75	4.2	9.7
352088																						3.7	10.3
352124	115.5		49.7								3.65	4.0		91.5		5.6	2.75	49.1	5.7	6.6	86.4	3.7	10.3
352167																			6.1	7.0	87.1	4.0	
352157																							
350409																							
352104																							
352163	114.6	88.4	54.8							3.4	3.55	3.7	3.7	91.59	95.96	5.8	2.35	40.5	5.8	6.9	81.1	3.5	9.4
352072										3.3	3.9	3.9		87.2		5.3	2.6	49.4	6.4	7.1	90.9	3.4	9.4
352158	15.5		51.0	10.9	9.8	10.9	69.0	56.5		3.7	3.65	4.3	4.1	86.1	89.0	5.55	2.9	62.5	6.1	7.3	85.6	4.0	10.2
352169																						4.0	9.7
352073																			5.7	6.4	89.1	3.65	9.7
Specimens	(14)	(10)	(13)	(5)	(5)	(7)	(5)	(5)	(5)	(10)	(9)	(10)	(9)	(10)	(9)	(14)	(14)	(14)	(16)	(16)	(16)	(27)	(30)
Totals	206.9	87.06	52.43	54.6	48.7	74.2	335.5	288.0	36.25	32.45	39.8	35.95	39.5	91.98	90.26	70.95	37.2	95.5	109.0	109.0	101.3	287.2	
Averages	14.8	78.0	46.0	10.9	9.7	10.6	67.1	53.6	3.6	3.6	4.0	4.0	4.0	86.1	85.4	5.5	2.7	48.34	6.0	6.8	87.61	3.8	9.6
Minima	14.1	78.0	46.0	10.4	9.4	10.0	60.5	43.0	3.4	3.5	3.7	3.7	3.7	86.1	85.4	4.80	2.5	40.5	5.7	6.4	82.6	3.4	8.9
Maxima	15.5	90.5	54.9	11.2	10.0	10.9	71.0	58.5	3.9	3.8	4.3	4.3	4.3	95.1	96.5	5.9	2.9	56.7	6.5	7.3	93.9	4.2	10.3

1 Near.

SEMINOLE INDIANS: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxm. (globella 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)
1286 I	A. N. S. P.	Various (all fresh or nearly so).	Adult		17.2	12.7	13.8	73.8	92.3	103.7	14.57				8.8
1732	do	do	do		18.4	13.7	14.1	74.5	87.9	102.9	15.40			11.8	9.9
1840	do	do	do		18.3	13.7	14.1	74.9	88.1	102.9	15.37				7.1
15490	U. S. N. M.	do	do		18.0	13.6	14.6	75.6	92.4	107.4	15.60				7.2
1698	A. N. S. P.	do	do		18.0	13.8	14.0	76.7	88.0	101.4	15.37				7.4
1105	do	do	do		17.6	13.5	13.7	76.7	88.1	101.5	14.93				7.2
1754	do	do	do		17.5	13.6	13.5	77.7	86.8	99.8	14.87				9.6
1730	do	do	do		18.0	14.0	13.1	77.8	81.9	93.6	15.03				7.7
1708	do	do	do		17.8	14.0	13.6	78.6	85.5	97.1	15.13				6.7
1604	do	do	do		18.4	14.7	14.4	79.9	87.0	98.0	15.83				7.2
1707	do	do	do		17.9	14.5	13.9	81.0	85.8	95.9	15.43				7.1
Specimens					(11)	(11)	(11)	(11)	(11)	(11)	(11)			(1)	(11)
Totals					197.1	151.8	162.8				167.43			78.0	
Averages					17.9	13.8	13.9	77.02	87.59	100.66	15.22			7.1	
Minima					17.2	12.7	13.1	73.8	81.9	93.6	14.57				6.7
Maxima					18.4	14.7	14.6	81.0	92.4	103.7	15.83				7.7

Catalog No.	Diam. Bizygomatic maxilm. (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	Diam. frontal minlm.
1286 ¹	12.7	83.1	58.9				°	°							5.0	2.4	48.0					
1732	14.2		48.6												5.2	2.4	46.2					
1840	14.3		49.6												5.3	2.6	49.1					
15490	13.5		53.8												5.1	2.75	53.9					
1688	13.0		56.9												5.0	2.65	53.0					
1105	13.4		58.7												5.4	2.5	46.8					
1754	13.6		49.8												(Cleft palate)							
1730	13.9		55.4												5.1	2.8	54.9					
1708	12.9		51.9												5.1	2.65	52.0					
1604	13.6		52.9												5.4	2.75	50.9					
1707	13.4		52.0												5.2	2.7	51.9					
Specimens	(11)	(1)	(11)												(10)	(10)	(10)					
Totals	148.5														51.8	26.2						
Averages	13.5														5.2	2.6	50.58					
Minima	12.7														5.0	2.4	46.2					
Maxima	14.3														5.4	2.8	54.9					

³ Near.

¹ Small, but male.

FLORIDA, EAST COAST: FEMALES
ST. JOHNS RIVER

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabella and maxilla)	Diam. lateral maxilla	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. Ft.-Nasion height (b)
1794	A. N. S. P.	St. Johns River	Adult		17.7	14.0	12.9	79.1	81.4	92.1	14.87				
1808	do.	do.	do.		17.5	13.9	14.0	79.4	89.2	100.7	15.13				
1787	do.	do.	do.	Slight frontal flattening.	17.1	14.0		81.9							
1795	do.	do.	do.		17.2	14.3	14.0	83.1	88.9	97.9	15.17				
1783	do.	do.	do.		15.9	13.6	13.8	85.5	93.6	101.5	14.43				
1789	do.	do.	do.		16.5	14.3	13.1	86.7	86.1	91.6	14.63				6.4
1790	do.	do.	do.		16.7	14.7		88.0							
Specimens.					(7)	(7)	(8)	(7)	(9)	(9)	(5)				(1)
Totals					118.6	93.8	67.8	83.31	87.54	96.72	74.23				
Averages					16.9	14.1	13.6	83.31	87.54	96.72	14.85				
Minima					15.9	13.6	12.9	79.1	81.4	91.6	14.43				
Maxima					17.7	14.7	14.0	88.0	93.6	101.5	15.17				

ST. AUGUSTINE

242066	U. S. N. M.	St. Augustine	Adult		16.8	13.2	13.6	78.6	90.7	103.0	14.53	1,220			6.8
242085	do.	do.	do.		17.0	13.9	13.3	81.8						12.0	
242086	do.	do.	do.		16.8	13.9		82.7	86.6	95.7	14.67	1,380			7.6

ANASTASIA ISLAND

229094	U. S. N. M.	Anastasia Island	Adult		17.4	13.4		77.							
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CRESCENT BEACH

Seen locally	Crescent Beach	50	10.6	13.7	13.1	73.9	86.5	95.6	14.47	
NEW SMYRNA										
949697	U. S. N. M.	Adult	17.4	13.3	14.0	76.4	91.2	105.8	14.90	1,335
249562	do	do	17.3	13.5	14.1	78.0	91.6	107.6	14.97	1,280
249565	do	do	17.0	13.9	13.4	81.8	86.7	95.4	14.77	95.4
249523	do	do	17.0	14.1	13.8	82.9	88.7	97.9	14.97	1,310.0
249523	do	do	16.8	14.0		83.5				
330835	do	do	(16.6)	(14.6)	(13.6)	(83.0)	(87.2)	(93.2)	14.93	(1,300)
		Moderate occipital flattening.								
Specimens										
Totals			(10)	(10)	(7)	(10)	(7)	(7)	(8)	(5)
Averages			170.1	136.9	95.3	80.48	88.86	99.69	118.21	6,475
Minima			17.0	13.7	13.6	76.4	83.6	95.6	14.78	1,295
Maxima			17.4	14.1	14.1	83.3	91.6	107.6	14.97	1,335

ORMOND BEACH

Seen locally	Ormond Beach	55	17.8	13.8	13.7	77.53	86.71	99.28	15.10	
372633	U. S. N. M.	55	17.8	13.8	13.7	77.53	86.71	99.28	15.10	
372601	do	35	17.8	14.1	13.9	79.76	93.05	103.79	14.70	
372613	do	25	16.8	13.4	13.4	80.68	84.28	94.37	15.07	7.3
372614	do	35	17.6	14.2	13.4	81.32	87.21	90.54	15.47	6.9
372626	do	60	18.2	14.8	13.7	81.87	88.10	97.86	14.93	6.6
372616	do	35	17.1	14.0	13.4	82.08	85.03	94.37	14.97	
372637	do	40	17.3	14.2	13.4	82.59	82.76	91.67	15.03	
372608	do	35	17.5	14.4	13.4	83.63	85.35	93.71	14.93	
372611	do	45	17.1	14.3	13.7	83.71	83.79	91.56	15.47	14.4
372614	do	50	17.8	14.9	13.8	84.09	85.72	93.88	15.33	
372624	do	30	17.5	14.7	13.8	84.50				
372612	do	Subadult	17.2	14.5	13.5	85.54	87.66	96.48	14.77	
372636	do	40	16.6	14.2	13.5	86.25				
372607	do	50	16.0	13.8	13.9	87.43	83.82	95.21	15.07	
372627	do	35	16.7	14.6	13.9	87.43	83.82	95.21	15.07	
372622	do	45	18.6	15.0	14.1	90.56	80.24	94.00	15.23	
			(16)	(16)	(13)	(16)	(13)	(15)	(13)	(3)
Totals			273.6	228.9	177.1	82.06	86.16	94.96	15.07	20.3
Averages			17.2	14.3	13.6	77.53	81.21	90.54	14.47	6.9
Minima			16.0	13.4	13.2	77.53	81.21	90.54	14.47	6.0
Maxima			18.2	15.0	14.1	90.56	82.05	103.79	15.47	7.3

1 Near.

FLORIDA, EAST COAST: FEMALES—Continued

CANAVERAL

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxium (labella 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)
377523	U. S. N. M.	Canaveral	40	.....	17.5	13.4	13.2	76.57	86.44	98.51	14.70	.....	.....	.....	.....
377552	do.	do.	55	.....	17.5	13.7	13.0	78.29	83.38	94.89	14.73	.....	.....	.....	.....
377580	do.	do.	35	.....	17.0	13.4	13.3	78.82	87.50	99.25	14.57	.....	.....	.....	.....
377453	do.	do.	25	.....	17.8	14.1	14.4	79.21	90.28	103.12	15.43	.....	.....	.....	.....
377426	do.	do.	65	.....	16.4	13.0	12.7	79.27	86.39	97.69	14.03	.....	.....	.....	.....
377500	do.	do.	24	.....	17.2	13.7	13.2	79.65	86.44	96.56	14.70	.....	.....	.....	.....
377500	do.	do.	35	.....	17.2	13.7	13.7	79.65	88.67	100.00	14.87	.....	.....	.....	.....
377592	do.	do.	35	.....	18.0	14.4	13.8	80.00	85.19	95.83	15.40	.....	.....	.....	.....
377524	do.	do.	30	.....	17.5	14.1	13.4	80.57	84.81	95.04	15.00	.....	.....	.....	.....
377504	do.	do.	50	.....	17.6	14.2	14.0	80.68	88.05	98.59	15.26	.....	.....	.....	.....
377612	do.	do.	50	.....	17.6	14.2	14.4	80.68	90.57	101.41	15.40	.....	.....	.....	.....
377488	do.	do.	23	.....	17.0	13.8	14.1	81.18	91.56	102.17	14.97	.....	.....	.....	.....
377583	do.	do.	50	.....	17.1	13.9	13.6	81.29	87.74	97.84	14.87	.....	.....	.....	.....
377459	do.	do.	35	.....	16.8	13.7	14.7	81.65	96.59	107.90	15.07	.....	.....	.....	.....
377430	do.	do.	23	.....	17.0	13.9	13.1	81.76	84.79	94.24	14.67	.....	.....	.....	.....
377439	do.	do.	60	.....	18.1	14.8	14.2	81.77	86.52	95.95	15.70	.....	.....	.....	.....
377469	do.	do.	50	.....	17.3	14.2	13.7	82.08	86.98	96.48	15.07	.....	.....	.....	.....
377497	do.	do.	50	.....	17.1	14.1	13.4	82.46	85.90	95.04	14.87	.....	.....	.....	.....
377515	do.	do.	30	.....	17.7	14.6	13.8	82.49	85.45	94.52	15.37	.....	.....	.....	.....
377588	do.	do.	30	.....	16.7	13.8	13.8	82.63	90.49	100.00	14.77	.....	.....	.....	.....
377654	do.	do.	50	.....	17.6	14.7	13.6	83.53	87.18	95.77	14.93	.....	.....	.....	.....
377504	do.	do.	50	.....	17.0	14.2	13.6	83.53	85.00	93.15	15.20	.....	.....	.....	.....
377499	do.	do.	70	.....	17.4	14.6	14.0	83.91	85.00	93.15	15.20	.....	.....	.....	.....
377503	do.	do.	30	.....	16.8	14.1	13.7	83.93	90.61	99.29	14.97	.....	.....	.....	.....
377506	do.	do.	45	.....	17.0	14.4	13.6	84.71	87.26	95.14	15.03	.....	.....	.....	.....
377587	do.	do.	45	.....	16.2	13.8	12.6	85.19	84.00	91.50	14.20	.....	.....	.....	.....
377436	do.	do.	55	.....	15.6	13.6	13.1	85.25	89.09	96.79	16.33	.....	.....	.....	.....
377591	do.	do.	45	.....	17.1	14.6	13.0	85.28	85.80	93.45	15.00	.....	.....	.....	.....
377440	do.	do.	45	.....	16.5	14.2	13.0	85.28	86.94	96.99	14.73	.....	.....	.....	.....
377510	do.	do.	65	.....	16.8	14.4	13.0	85.71	83.35	90.28	14.73	.....	.....	.....	.....
377585	do.	do.	25	.....	16.8	14.4	12.7	85.71	81.41	88.19	14.63	.....	.....	.....	.....

377510	do.	25	16.5	14.2	13.1	86.06	85.54	92.25	14.60		
377460	do.	70	17.1	14.8	13.6	86.55	85.27	91.89	15.17		
377454	do.	35	17.0	14.8	13.9	87.06	87.42	93.02	15.23	12.1	7.1
377494	do.	70	17.3	15.1	13.7	87.28	84.77	90.75	15.37		
377432	do.	60	16.8	14.7	13.5	87.50	85.71	91.84	15.00		7.1
377589	do.	25	16.7	15.0	14.0	89.82	88.83	93.89	15.23		
377408	do.	50	16.7	15.4	13.6	92.22					
377522	do.	55	17.0	15.7	13.6	92.35	83.18	88.62	15.43		
Slight occipital flat-tening.											
Specimens											
Totals											
Averages											
Minima											
Maxima											
		(39)	(37)	(59)	(37)	(37)	(37)	(37)	(14)		
		668.8	557.4	504.8	504.8	83.54	86.90	95.78	555.53	108.4	100.4
		17.1	14.3	12.6	12.6	76.27	81.41	89.62	13.01	12.04	7.2
		18.3	15.7	13.1	13.1	92.35	96.33	107.30	15.70	11.3	6.6
										12.9	7.7

MELBOURNE

331414	U.S.N.M.	50	17.4	14.0	13.2	80.5	84.1	94.3	14.57		
331424	do.	55	16.9	13.6	12.0	80.5	78.7	88.2	14.17		7.2
331408	do.	23	17.8	14.7	13.8	82.6	84.9	93.9	15.43		
331423	do.	55	17.7	14.7	14.4	83.1	88.9	98.0	15.60		
331420	do.	45	17.3	14.5	13.5	83.8	84.9	93.1	15.10	1.450	
331412	do.	50	16.8	14.1	13.8	83.9	89.3	97.9	14.90		7.1
Specimens											
Totals											
Averages											
Minima											
Maxima											
		(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(1)	(2)
		103.9	85.6	80.7	80.7	82.39	85.17	94.28	90.07	14.3	14.3
		17.3	14.3	13.5	13.5	78.7	78.2	88.2	15.01		7.15
		16.8	13.6	12.0	12.0	80.5	80.3	89.0	14.17		7.1
		17.8	14.7	14.4	14.4	83.9	89.3	98.0	15.60		7.2

OLYMPIA LIGHT

363321	U.S.N.M.	50	17.6	14.0	13.4	79.6	84.8	95.7	15.00		
363320	do.	40	18.1	14.6	14.0	80.7	85.6	96.9	15.57		
Specimens											
Totals											
Averages											
Minima											
Maxima											
		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
		1,255	1,380	1,380	1,380	1,380	1,380	1,380	1,380	1,380	1,380

LAKE OKECHOBEE

228452	U.S.N.M.	Adult	17.3	13.6	14.0	78.6	90.6	102.9	14.97		6.9
228336	do.	30	16.2	13.0	13.1	80.3	82.7	100.8	14.10		
228337	do.	Adult	15.2	12.6	12.8	82.9	92.1	101.6	13.53		6.3
Specimens											
Totals											
Averages											
Minima											
Maxima											
		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
		1,325	1,140	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008

¹ Near.
* Restored.

FLORIDA, EAST COAST: FEMALES—Continued
CANAL POINT

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior 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 height (a)	Alveol. Pt. - Nasion height (b)
345768	U.S.N.M.	Canal Point	35		17.4	12.7	13.4	73.0	89.0	105.5	14.50	1,190		11.1	6.8
345884	do	do	20		18.1	13.8	13.4	76.2							
345767	do	do	70		17.7	13.7	13.4	77.4	85.3	97.8	14.93	1,350		11.2	6.4
345887	do	do	35		17.7	14.6		82.7							
345885	do	do	65		17.3	13.0		86.7							
Specimens															
Totals															
Averages															
Minima															
Maxima															
					(5)	(5)	(2)	(5)	(4)	(2)	(2)	(2)		(2)	(2)
					88.2	69.8	26.8	79.14	87.16	101.62	29.43	2,540		22.3	13.2
					17.6	14.0	13.4	73.0	85.3	97.8	14.72	1,270		11.2	6.6
					17.3	12.7	13.4	86.7	89.0	105.6	14.50	1,190		11.1	6.4
					18.1	15.0	13.4				14.93	1,350		11.2	6.8

BELLEGLADE

Provisional No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior 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 height (a)	Alveol. Pt. - Nasion height (b)
21	U.S.N.M.	Belleglade	Near middle age.		18.5	14.0	13.8	75.68	84.92	98.57	15.43				
20	do	do	24		17.8	13.6	13.5	76.10	85.99	99.46	14.97			11.1	6.8
33	do	do	35		17.2	13.4		77.49							
1	do	do	30		17.8	13.9	14.0	78.09	88.33	100.72	15.23			12.5	7.6
3	do	do	70		17.5	13.7	13.8	78.29	88.46	100.75	15.00				
11	do	do	Young adult.		17.1	13.5		78.95							
12	do	do	adult.		17.6	14.1		80.11							
14	do	do	Middle aged.		16.6	13.3		80.12							
26	do	do	Young adult.		17.7	14.2		80.23							

7	do	do	70	17.8	14.3	80.81	80.15	81.21	94.11	15.30	
8	do	do	70	17.9	14.4	80.16	80.17	80.17	100.00	15.13	
15	do	do	35	17.4	14.0	80.47	85.25	85.59	105.59	14.50	11.3
24	do	do	24	16.9	13.6	80.47	87.58	87.58	97.99	13.63	6.7
37	do	do	45	17.8	14.4	81.78	86.26	86.26	100.72	14.90	
30	do	do	Old	17.0	13.8	81.78	86.26	86.26	100.72	14.90	
2	do	do	25	17.8	14.5	81.78	86.26	86.26	100.72	14.90	
Occipital S.M. asymmetry.											
25	do	do	Old	18.0	14.7	81.67	85.02	85.02	94.56	15.53	
10	do	do	20	17.0	14.0	82.35	87.58	87.58	96.58	15.43	
24	do	do	Old	17.6	14.6	82.35	87.58	87.58	96.58	15.43	
42	do	do	do	13.4	14.1	83.93	86.73	86.73	95.04	14.77	
13	do	do	Young adult	16.6	14.1	13.5	81.94	87.95	95.74	14.73	
34	do	do	do	16.9	14.4	85.21	85.62	85.62	93.06	14.90	
16	do	do	Middle aged	16.3	13.9	85.28	82.72	82.72	100.72	14.73	
4	do	do	Subadult	16.2	14.0	86.42	84.52	84.52	90.34	14.70	
40	do	do	40	13.1	13.7	87.88	84.52	84.52	90.34	14.70	
29	do	do	Elderly	17.4	15.3	87.93	85.63	85.63	91.60	15.57	10.7
Specimens											
Totals				(26)	(26)	(17)	(26)	(17)	(17)	(17)	(3)
Averages				449.7	366.3	233.1	81.45	87.03	96.72	256.25	45.6
Minima				17.3	14.1	13.7	81.45	87.03	96.72	15.1	21.1
Maxima				18.5	15.3	14.1	87.93	82.72	100.73	15.57	11.4
											10.7
											12.5
											7.6

BOYNTON

327506	U.S.N.M.	Near Boynton	65	17.2	13.7	79.7	88.0	88.0	99.5	14.83	1,215
327508	do	do	60	18.0	14.6	81.1	81.1	81.1	114.80	15.1	1,480
327509	do	do	25	16.9	13.8	81.7	81.7	81.7	93.7	15.03	1,305
327505	do	do	70	17.4	14.3	83.2	84.5	84.5	92.9	14.70	
327504	do	do	60	16.9	14.1	84.1	84.1	84.1	92.9	14.70	
327501	do	do	45	17.0	14.3	84.1	84.1	84.1	92.9	14.70	
Specimens											
Totals				(6)	(6)	(6)	(6)	(6)	(6)	(3)	(3)
Averages				103.4	84.8	40.1	82.01	85.68	95.55	44.56	4,000
Minima				17.2	14.1	13.4	82.01	85.68	95.55	14.85	1,333.3
Maxima				18.0	14.6	13.6	84.1	88.0	99.5	15.03	1,480

DELRAY

284702	U.S.N.M.	Near Delray	Adult	17.6	14.2	80.7	88.0	88.0	98.6	15.27	1,375
											11.9

1 Near.

CRESCENT BEACH

Seen locally.....				9.4				3.15	3.35	94.05	4.3	2.1	48.8		
242627.....				10.1											
242622.....				9.8											
242626.....				9.9											
242625.....	112.9			10.1	49.0			3.6	3.8	94.7	4.9				
242628.....															
330835.....															
Specimens.....	(2)	(1)	(1)	(2)	(2)	(2)	(2)	(3)	(3)	(2)	(3)	(2)	(2)	(1)	(1)
Totals.....	26.1			69.3	140.5	104.0	6.9	10.25	10.85	94.4	14.6	4.5	46.89		
Averages.....	13.05			9.9	70.25	52.0	3.45	3.6	3.6	92.0	4.9	2.25	46.89		
Minima.....	12.9			8.5	68.5	49.0	3.4	3.15	3.35	89.7	4.3	2.1	44.4		
Maxima.....	13.2			10.2	72.0	55.0	3.5	3.6	3.8	94.7	5.4	2.4	48.8		

NEW SMYRNA

ORMOND BEACH

372633.....				10.8											
372601.....				9.7											
372615.....				9.8											
372614.....	13.3			9.9											
372626.....	13.7			10.2	6.55	4.54		3.3	3.9	84.03	5.0	2.4	48.0		
372616.....	13.2			10.4							4.8	2.0	54.17	5.7	6.0
372637.....				9.7											
372608.....															
372611.....															
372644.....															
372624.....															
372612.....															
372636.....				10.4											
372607.....															
372627.....															
372622.....															
Specimens.....	(3)			(8)	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	(3)	(1)	(1)
Totals.....	40.2			80.9							14.8	7.6	51.56		
Averages.....	13.4			10.1							4.9	2.5	48.0		
Minima.....	13.2			9.7							4.8	2.4	48.0		
Maxima.....	13.7			10.8							5.0	2.6	54.17		

i Near.

FLORIDA, EAST COAST: FEMALES—Continued
CANAVERAL

Catalog No.	Diam. Bizygomatic	Facial Index total	Facial Index upper	Basion-Alveolar Ft.	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 Alveolar Arch.	Lower Jaw, height at Symphysis	Diam. frontal minm.
377523.	13.7					10.1				3.7		4.1		90.24	5.15	2.65	51.46						
377522.	14.0				8	9.8																	
377586.																							
377453.	14.0					10.4													9.4	89.06			
377426.	13.0				8	9.4		3.45	3.6	4.1	3.8	3.8	84.15	91.74	5.3	2.0	37.74	9.7	9				
377509.						10.3																	
377590.																							
377592.																							
377524.						10.2																	
377504.	13.4					10.2																	
377612.				9.8		10.0		57.0	3.5	3.45	3.8	3.75	92.11	92.00	5.3	2.5	47.17						
377488.	13.7		63.28	10.0	9.0	10.3	71.5	55.5	3.5	3.6	4.0	4.0	87.50	90.00	5.0	2.35	37.0	5.4	6.3	85.71			
377593.						10.6																	
377459.	13.4	86.57	52.24	10.2	9.2	10.4	71.0	57.0	3.4	3.4	3.7	3.7	91.89	91.89	4.95	2.5	60.51	5.3	6.4	82.81			
377430.	13.1	86.26	53.44	9.9	8.8	9.7	70.0	52.0	3.4	3.35	3.65	3.65	93.15	91.78	5.0	2.4	48.0	5.4	6.3	85.71			
377438.	14.3			9.2	9.2	10.4			3.6	3.6	4.0	4.0	90.00	90.00	5.3	2.65	60.0						
377469.	14.0	92.14	55.00	10.6	9.4	10.1	64.5	55.0	3.6	3.6	3.9	3.7	92.91	97.90	5.2	2.5	48.08	5.9	6.9	85.51			
377497.	13.8		50.72	10.5	9.5	10.0	66.0	54.0	3.35	3.6	3.8	3.7	88.16		5.05	2.5	49.50						
377515.						10.3																	
377588.						10.0																	
377654.	13.7	89.05	52.55						3.6	3.7	4.1	4.1	87.80		5.2	2.65	60.96	5.6	6.4	87.50			
377594.	13.7	84.67	48.18	9.5	8.4	9.4	68.5	49.0	3.4	3.4	3.7	3.65	93.24	93.15	4.9	2.5	47.62	5.3	6.0	88.33			
377420.	13.9					10.1			3.45	3.4	3.7	3.65											
377503.	13.0	87.77	53.96	10.3	9.2	10.3	68.0	53.0	3.3	3.25	3.8	3.8	86.84	85.53	5.3	2.5	47.17	5.8	6.7	86.57			
377595.	14.6					9.9																	
377587.						9.6																	
377436.						10.7																	
377591.						10.0																	
377440.	13.5	91.85	54.81	10.2	9.0	9.9	66.0	53.0	3.2	3.3	3.8	3.75	84.91	88.00	4.35	2.45	60.52	5.5	6.6	88.33			
377510.	13.6		51.47	9.5	8.4	9.6	69.0	52.5	3.65	3.65	4.2	4.1	86.90	89.02	5.0	2.55	51.0						

377585	14.2	9.9	3.7	3.9	3.75	92.51	98.67	5.2	2.2	42.51	5.3	6.2	85.48
377516		9.1											
377490		10.1											
377484	114.1	69.0	60.0	3.6	3.7	3.9	3.75	92.51	98.67	5.3	2.5	47.17	
377494	113.8												
377432		9.5											
377580		9.6											
377508		9.7											
377522		9.8											
377522		10.1											
Specimens	(22)	(8)	(11)	(11)	(14)	(15)	(14)	(15)	(14)	(18)	(18)	(11)	(11)
Totals	304.2	389.3	760.0	588.0	52.4	49.3	58.45	53.85	92.25	44.45	60.3	70.5	
Averages	13.8	88.03	68.18	53.45	3.5	3.5	3.9	3.8	89.65	91.55	5.5	6.4	85.53
Minima	13.0	84.67	48.18	49.0	3.2	3.25	3.65	3.65	84.15	85.53	4.85	6.0	80.95
Maxima	14.8	92.14	71.5	57.0	3.7	3.7	4.2	4.1	94.87	98.67	5.3	6.9	89.06

MELBOURNE

331414	13.6	10.2	68.0	52.0	3.55	3.45	3.9	3.8	91.0	90.8	5.2	2.5	48.1	5.9	6.6	80.4	9.3
331424		9.5														3.4	9.5
331408																	10.4
331423																	
331420		10.1															9.9
331412	13.5	88.9	65.5	48.0	3.3	3.3	3.9	3.9	81.6	84.6	4.9	2.4	49.0	5.6	6.3	88.9	9.9
Specimens	(2)	(4)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(5)
Totals	27.1	39.2	133.5	100.0	6.85	6.75	7.8	7.7	87.82	87.66	10.1	4.9	11.5	12.9	16.45	7.0	48.7
Averages	13.6	9.8	66.8	50.0	3.4	3.4	3.9	3.85	84.6	84.6	5.05	2.45	5.75	6.45	89.15	3.5	9.7
Minima	13.5	8.4	65.5	48.0	3.3	3.3	3.9	3.8	81.6	84.6	4.9	2.4	48.1	5.6	6.3	88.9	9.3
Maxima	13.0	10.2	68.0	52.0	3.55	3.45	3.9	3.9	96.2	90.8	5.2	2.5	49.0	5.9	6.6	89.4	10.4

OLYMPIA LIGHT

363321	13.7	9.8															9.5
363320	14.2	10.4															9.2
					3.55	3.6	4.05	3.8	87.7	94.7							

LAKE OKEECHOBEE

228452		19.8	8.9	72.5	58.0	3.3	3.9	84.6	4.0								3.05
228336	12.4																3.5
228337		110.0	8.8	66.0	43.0	3.3	3.6	91.7	4.7					1.54	5.8	55.1	9.4

1 Near.

8	13.9	87.60	51.04	9.0	8.0	10.9	55.5	3.7	3.65	3.6	102.78	101.39	4.7	2.45	62.15	5.1	6.1	88.61	
15	12.9	87.60	51.04	9.0	8.0	10.2	70.0	3.5	3.5	3.85	90.91	92.11	5.15	2.75	53.40				
36	13.5				8.4														
57																			
30																			
2																			
25	13.8				8.7	10.1		3.6	3.7	4.0	90.00	94.87	5.2	2.95	56.73				
10																			
24	13.8				10.1														
42	13.2																		
13																			
34	13.3					9.3													
16	113.2					10.1													
4																			
40	13.4	79.85			8.2	9.1		3.75	3.75	3.9	96.15	101.55	5.05	2.6	51.49				
29						9.9													
Specimens	(12)	(4)	(3)	(3)	(7)	(14)	(3)	(7)	(6)	(7)	(6)	(7)	(7)	(7)	(7)	(3)	(3)	(5)	
Totals	162.0	84.76	22.23	29.2	59.1	138.6	206.0	23.45	22.3	27.3	22.9	93.22	97.38	35.1	18.75	16.0	19.3	82.90	
Averages	13.5	79.85	56.75	9.7	8.4	9.9	68.67	3.6	3.7	3.9	3.8	92.11	92.11	5.01	2.7	53.42	5.3	6.4	82.55
Minima	12.9	87.60	51.04	9.0	8.0	10.2	70.0	3.4	3.5	3.6	90.91	92.11	4.7	2.45	53.40	5.1	6.1	88.61	
Maxima	14.1	88.66	53.90	10.2	9.0	10.9	71.0	3.75	3.9	4.1	102.78	101.39	5.3	2.95	56.73	5.6	6.8	88.61	

BOYNTON

327806						10.4	°	°										9.3	
327808																		10.2	
327803																		9.0	
327805																		3.3	
327804						9.9												9.0	
327801																		10.2	
Specimens						(2)												8.8	
Totals						20.3												(1)	56.9
Averages						10.2													8.46
Minima						9.0													8.8
Maxima						10.4													10.2

DELRAY

284702	13.2	90.2			9.1	9.85			3.5	3.6	3.8	92.1	94.7	5.15	2.3	44.7		6.7	
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1 Near.

15478	do	do	17.2	14.6	84.9				
15794	do	do	16.5	14.1	85.4				
15962	do	do	16.4	14.3	87.2				
16009	do	do	(16.9)	(15.4)	88.6	95.1	14.77		6.8
Specimens			(9)	(9)	(9)	(4)	(4)	(4)	(3)
Totals			152.7	126.8	52.5	85.92	88.24	88.24	21.20
Averages			17.9	14.1	13.1	95.11	14.56		7.1
Minima			13.8	12.0	12.6	82.4	13.80		7.1
Maxima			17.6	14.6	13.0	87.2	15.27		7.3

SAFETY HARBOR

350284	U. S. N. M.	Safety Harbor	65	13.8	74.6			11,250	
350353	do	do	25	17.5	78.3				
350337	do	do	45	18.0	78.9				
350346	do	do	30	16.8	79.2	83.0	100.8	14.50	11.3
350335	do	do	60	17.7	79.6				
350292	do	do	25	17.6	80.1				
350288	do	do	25	17.3	80.4				
350310	do	do	45	17.5	81.2	85.8	95.8	15.10	11.3
350356	do	do	30	17.0	81.5	87.0	97.1	14.73	6.8
350316	do	do	35	18.2	81.5				
350318	do	do	35	17.2	81.4	83.3	92.9	14.73	
350326	do	do	50	17.1	82.1	83.6	92.9	14.70	
350290	do	do	35	16.8	82.1	87.2	96.5	14.93	11.8
350313	do	do	60	17.1	83.0				
350307	do	do	20	17.6	83.1	83.0			
350350	do	do	50	17.0	83.0				
350294	do	do	25	16.6	84.3	84.4	92.3	14.83	
350324	do	do	35	16.6	84.9	80.5	97.9	14.77	
350291	do	do	30	16.7	84.7	83.3	96.4	14.80	
350312	do	do	30	16.8	84.4	83.2	93.0	14.80	6.8
350309	do	do	25	17.3	84.2	86.2	93.0	14.73	
350299	do	do	24	17.0	85.0	87.7			
350308	do	do	35	17.0	87.7				
Specimens			(23)	(23)	(23)	(10)	(10)	(10)	(4)
Totals			396.5	324.5	133.7	86.31	96.50	147.82	8,700
Averages			17.2	14.1	13.4	87.84	14.78	1,251.4	11.45
Minima			16.6	13.3	13.0	74.6	83.0	14.50	6.9
Maxima			18.5	14.9	13.7	87.7	109.8	15.10	7.2

1 Near.

FLORIDA, WEST COAST: FEMALES—Continued

TAMPA BAY

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxium. (labella ad maximum)	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)
242648.	U. S. N. M.	Tampa Bay	Adult		17.6	13.3	13.8	75.6	82.9	103.8	14.57				
242637.	do	do	do		17.3	13.5	14.2	78.0	92.2	105.2	15.00			10.8	6.6
242679.	do	do	do		17.4	13.6		78.3							
242645.	do	do	do		17.5	13.7		78.3							
2213.	do	do	do		17.0	13.4	13.3	78.8	87.5	99.2	14.57				
242614.	A. N. S. P.	do	do		18.1	14.3		79.0							
2210.	do	do	do		17.3	13.6	12.8	79.5	83.5	94.1	14.50			11.0	6.8
242674.	U. S. N. M.	do	do		17.1	13.8		79.8							
242636.	do	do	do		17.3	14.3	14.8	80.8	92.2	103.6	15.63				
2215.	A. N. S. P.	do	do		17.8	14.3	13.7	81.8	85.9	93.5	15.63			17.2	
242643.	U. S. N. M.	do	do		17.0	13.9	13.3	81.8	86.1	96.7	14.73			11.5	7.1
242672.	do	do	do		17.4	14.3		82.2							
242642.	do	do	do		17.2	14.2	14.4	82.6	91.7	101.4	15.27			6.6	
242635.	do	do	do		17.0	14.5		83.0							
2218.	A. N. S. P.	do	do		16.3	14.7	13.8	89.1	88.5	93.9	15.0				6.9
Specimens					(12)	(13)	(9)	(15)	(9)	(9)	(9)			(3)	(7)
Totals					260.4	209.3	194.7	134.47	134.47	134.47	134.47			33.3	48.0
Averages					17.86	13.97	13.79	79.07	88.55	99.12	14.94			11.1	6.86
Minima					16.3	13.3	12.8	76.6	83.3	93.9	14.50			10.8	6.6
Maxima					18.1	14.7	14.8	89.1	92.2	105.2	15.63			11.5	7.2

CLEARWATER

243692.	U. S. N. M.	Clearwater	Adult		17.7	14.0	13.4	79.1	84.5	95.7	15.03	1,320			
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WEEDEN ISLAND

329412	U. S. N. M.	Weeden Island	60	17.7	13.7	77.4				
329413	do.	do.	73	18.0	14.0	77.8				
329378	do.	do.	63	17.4	13.6	78.2				
329419	do.	do.	60	17.4	13.7	73.7				
329398	do.	Moderate lateral occipital.	50	15.2	14.4	79.1				
329409	do.	do.	40	17.5	14.0	80.0				
329403	do.	do.	50	16.2	13.0	80.3				
329410	do.	do.	45	17.4	14.0	80.5		1,360		
329406	do.	do.	60	17.1	13.8	80.7				
329377	do.	do.	55	18.1	14.7	81.2				7.1
329387	do.	do.	60	17.3	14.1	81.5				
329391	do.	do.	40	16.8	13.7	81.6				
329408	do.	do.	60	17.4	14.4	82.8				
329416	do.	Slight lateral occipital.	45	17.0	14.1	82.9				
329393	do.	do.	35	16.4	13.6	82.9				
329402	do.	do.	40	17.3	14.4	83.2				
329396	do.	do.	25	17.3	14.4	83.2				
329376	do.	do.	50	16.5	13.9	84.2				
329411	do.	do.	65	17.2	14.6	84.9				
329381	do.	do.	25	17.2	14.6	84.9				
329418	do.	do.	70	16.8	14.6	86.9				
329383	do.	do.	60	16.0	14.2	88.8				
Specimens				(22)	(22)	(22)			(1)	(1)
Totals				378.2	309.5					
Averages				17.2	14.1	81.84				
Minima				16.0	13.0	77.4				
Maxima				18.2	14.7	88.8				

PUNTA GORDA

331426	U. S. N. M.	Punta Gorda	65	16.8	14.1	13.4	83.9	86.7	95.0	14.77	1,235	12.3	7.1
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PERICO ISLAND

373554	U. S. N. M.	Perico Island	30	18.3	13.6	14.6	74.99	91.54	93.15	15.50			
373479	do.	do.	55	18.0	13.4	13.2	74.44	84.06	98.51	14.87			*12.8
373545	do.	do.	55	17.8	13.7		76.97						
373586	do.	Young adult.		17.6	13.6		77.87						
373571	do.	do.	50	18.1	14.0	13.8	77.95	85.98	98.57	15.30			7.3
373623	do.	do.	65	18.3	14.2	13.7	77.60	84.31	96.48	15.40			

* Near.
* Restored.

FLORIDA, EAST COAST: FEMALES—Continued

PERICO ISLAND—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxium. (gabella ad maxium)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Weight Index	Height-Breadth Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. height (b)
373478	U.S.N.M.	Perico Island	40		18.0	14.0	13.5	77.78	84.88	96.48	15.17			12.3	17.5
373553	do	do	60		17.7	13.8	13.4	77.97	85.08	97.10	14.97				
373548	do	do	30		17.8	13.9	14.0	78.09	88.83	100.72	15.23				
373531	do	do	28		17.6	13.4	12.8	78.86	88.83	99.62	14.43			12.0	7.1
373624	do	do	50		17.6	13.8		78.71							7.3
373484	do	do	40		17.0	13.8	13.6	78.71	86.62	93.55	15.00				
373580	do	do	30		18.1	14.2	13.8	78.45	85.45	97.18	15.37			11.9	6.8
373540	do	do	45	Occipital slight asymmetry.	18.0	14.2	13.8	78.89						12.4	7.2
373603	do	do	35		17.6	13.9	13.7	78.98	86.98	98.66	15.07			12.4	7.5
373535	do	do	40		17.2	13.6	13.4	79.07	87.01	93.65	14.73				
373604	do	do	40		17.7	14.0	13.8	79.10	87.07	98.57	15.17				
373504	do	do	75		18.2	14.4		79.13							
373492	do	do	40		17.4	13.8	13.3	79.31	85.27	96.38	14.83				
373489	do	do	45		18.0	14.3	13.5	79.44	83.59	94.41	15.27			12.4	7.5
373557	do	do	40		18.0	14.3	14.2	79.44	87.93	99.80	15.50				7.4
373617	do	do	45		17.6	14.0	14.1	79.55	86.24	100.71	15.23				
373594	do	do	24		17.2	13.7		79.65							
373505	do	do	30		17.7	14.1	13.9	79.65	87.42	98.68	15.23			11.8	6.9
373625	do	do	35		17.3	13.8	13.4	79.77	86.17	97.10	14.83			12.0	7.3
373507	do	do	35		17.3	13.8	13.9	79.77	89.59	100.72	15.00			12.1	7.2
373481	do	do	45		17.0	13.6	13.3	80.00	86.93	97.79	14.63			12.1	16.5
373590	do	do	70		17.8	14.3		80.54							
373585	do	do	35	Occipital small asymmetry.	17.9	14.4		80.45						12.1	7.2
373627	do	do	60		17.0	13.7	12.1	80.59	78.85	88.32	14.27			11.3	6.7
373591	do	do	30		17.6	14.2		80.68							
373560	do	Subadult.	60		17.1	13.8	13.6	80.70	83.03	98.55	14.83				
373547	do	do	50		17.2	13.9		80.81							
373497	do	do	50		17.8	14.4	13.6	80.90	84.47	94.44	15.27				
373549	do	do	50		17.8	14.4		80.90							
373532	do	do	45		18.0	14.6	14.4	81.11	88.54	98.63	15.67				
373482	do	do	50		18.0	14.6	14.3	81.11	87.75	97.95	15.63				
373569	do	do	50		17.5	14.2		81.14							7.3

293065	do.	do.	16.6	13.5	13.4	81.35	89.04	99.26	14.50	1,200	6.9
373619	do.	do.	17.4	14.2	17.4	81.61	87.54	97.80	15.77		12.7
373552	do.	do.	18.1	14.8	14.4	81.77	87.87	90.03	15.03		7.7
373520	do.	do.	17.1	14.0	14.0	82.08	82.08	84.49	11.5		
373556	do.	do.	17.3	14.2	13.0	82.85	82.85	87.55	14.60		
373628	do.	do.	16.9	13.9	14.0	82.39	87.23	96.55	15.37		
373607	do.	do.	17.6	14.5	14.0	82.69	82.69	82.94			
373575	do.	do.	16.7	13.8	16.7	82.94	82.94	84.85	14.83		6.6
373539	do.	do.	17.0	14.1	13.2	83.04	83.04	92.96	11.2		6.6
373509	do.	do.	17.1	14.2	17.1	83.14	83.14	88.14	11.8		7.0
373486	do.	do.	17.2	14.3	17.2	83.24	83.24	85.02	11.7		7.0
373598	do.	do.	17.3	14.4	13.9	83.71	85.02	93.29	15.53		
373562	do.	do.	16.8	14.1	13.5	83.93	85.27	93.15	15.17		6.9
373601	do.	do.	17.3	14.6	13.0	84.39	84.87	92.86	14.53		17.1
373491	do.	do.	16.6	14.0	12.6	84.54	84.87	87.50	14.67		17.2
373400	do.	do.	17.0	14.4	12.6	84.71	80.25	87.50	14.67		
373613	do.	do.	17.0	14.4	14.0	84.71	84.71	98.59	15.23		7.3
373587	do.	do.	16.5	14.2	14.0	86.05	91.21	98.59	14.90		
373502	do.	do.	17.0	14.8	13.9	87.05	87.42	93.92	15.23		
373506	do.	do.	17.1	14.9	13.8	87.45	87.45	87.90	15.07		7.0
373502	do.	do.	17.1	14.9	13.8	89.16	87.90	93.24	15.07		
373563	do.	do.	16.6	14.8	13.8	89.16	87.90	93.24	15.07		
363605	do.	do.	(15.6)	(14.1)	(14.0)	(84.94)	(91.21)	(99.59)	14.90		11.8
373555	do.	do.	(15.6)	(14.1)	(14.0)	(84.94)	(91.21)	(99.59)	14.90		7.0
Specimens			(60)	(60)	(39)	(60)	(59)	(59)	(40)	(1)	(30)
Totals			1,047.0	846.4	531.7	80.77	86.37	96.81	602.5	1,200	293.4
Averages			17.5	14.1	13.6	80.77	86.37	96.81	15.06		12.0
Minima			16.5	13.4	12.1	74.52	78.83	87.50	14.27		11.2
Maxima			18.3	14.9	14.6	89.16	91.54	100.72	15.77		12.8

CHARLOTTE BAY

2227	A. N. S. P.	Charlotte Bay	Adult	16.6	14.0	13.5	84.3	88.2	96.4	14.70	6.7
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CAPTIVA ISLAND

340622	U. S. N. M.	Captiva Island	35	17.9	13.2	78.7	86.2	101.5	14.83	1,320	11.5
340629	do.	do.	35	17.5	13.1	74.9	87.6	102.3	14.67	1,200	7.1
340626	do.	do.	55	18.3	13.7	74.9	76.3	91.360			
340676	do.	do.	25	17.8	13.4	75.3					
340641	do.	do.	65	19.0	14.3	75.3					
292755	do.	do.	Adult	17.5	13.4	76.6				1,370	
340681	do.	do.	40	18.2	14.0	76.9					
340665	do.	do.	50	18.1	14.0	77.4					
340644	do.	do.	75	18.3	14.2	77.6					
340651	do.	do.	75	17.9	13.9	77.7					

1 Near.

1 Restored.

FLORIDA, WEST COAST: FEMALES—Continued
CAPTIVA ISLAND—Continued

Catalog No.	Collection	Locality	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	Men height (a)	Alveol. Pt. - Nasion height (b)
340630	U. S. N. M.	Captiva Island	60		18.5	14.4		77.8	81.9	93.6	15.03	1,220			
340654	do	do	30		18.0	14.0	13.1	78.0							
340671	do	do	50		18.2	14.2		78.3	82.7	94.9	14.70	1,140	11.3	6.7	
340611	do	do	55		17.5	13.7	12.9	78.3	87.3	99.3	15.13	1,340			
340668	do	do	60		17.7	13.9	13.8	78.5							
340663	do	do	18		16.8	13.4		79.9							
340640	do	do	23		18.4	14.7									
340638	do	do	30		17.5	14.0	13.4	80.0	85.5	95.7	14.97	1,210			
340651	do	do	50		17.0	13.6	13.2	80.0	86.3	97.7	14.60		11.8	7.1	
340610	do	do	55		17.6	14.1	12.5	80.1	78.9	88.7	14.73	1,230			
340655	do	do	45		17.6	14.1		80.1							
340656	do	do	40		17.3	13.9	13.2	80.4	84.6	95.0	14.80	1,360	11.4	6.6	
340631	do	do	30		17.5	14.1	13.0	80.6	82.3	92.2	14.87	1,180	12.1	7.1	
340687	do	do	25		17.2	13.9	13.2	80.8	84.9	95.0	14.77				
340614	do	do	50		17.3	14.0		80.9							
340616	do	do	50		17.3	14.0	13.5	80.9	86.3	99.3	14.93	1,350	11.8	7.0	
340674	do	do	65		18.3	14.8		80.9							
340642	do	do	25		17.0	13.8	13.4	81.2	87.0	97.1	14.73	1,290	11.8	7.4	
340669	do	do	55		17.6	14.3	13.4	81.3	84.0	98.7	15.10	1,350			
340686	do	do	65		17.7	14.4		81.4							
292752	do	do	Adult		17.7	14.4									
340619	do	do	40		17.8	14.5	13.2	81.5	81.7	91.0	15.17	1,260			
340667	do	do	20		17.6	14.4	13.3	81.8	88.1	92.4	15.10	1,325			
340620	do	do	20		17.6	14.4		81.8							
340658	do	do	23		17.7	14.5		81.9							
340682	do	do	18		18.2	14.5		82.0							
340659	do	do	50		17.2	14.2	13.1	82.6	83.4	92.3	14.83				
340633	do	do	65		17.6	14.6		83.0							
340639	do	do	65		16.9	14.1		83.4							
340652	do	do	35		17.0	14.2	13.0	83.5	88.3	91.6	14.73	1,210	10.6	6.4	
340634	do	do	60	Slight lateral occipital.	16.8	14.2		84.5							

30017	do	do	Adult	Slight occipital flattening.	17.0	14.4	13.8	84.7	87.9	95.8	15.07	1,280	12.1	7.6
340617	do	do	55	Slight occipital flattening.	17.4	14.8	13.0	85.1	80.8	87.8	15.07	1,350		
340672	do	do	55	Slight occipital flattening.	16.4	14.1		86.0						
Specimens														
Totals														
Averages														
Minima														
Maxima														
			(43)	(43)	(20)	(45)	(80)	(90)	(90)	(90)	(26)	(10)	(9)	(10)
			756.7	605.0	264.8	79.95	84.94	207.83	83.475	1,287.5	104.4	70.7	104.4	70.7
			17.0	13.1	13.2	78.9	78.9	14.89	1,287.5	11.6	7.1	11.6	7.1	7.1
			16.4	13.1	12.9	78.7	78.9	14.60	1,140	10.6	6.4	10.6	6.4	6.4
			19.0	14.8	13.8	86.0	87.9	15.17	1,460	12.1	7.7	12.1	7.7	7.7

FORT MYERS

292751	U.S.N.M.	Near Fort Myers	Adult		17.5	13.5	14.0	77.1	90.9	103.7	15.00	1,205	11.4	7.3
227842	do	do	do		18.0	14.6	14.0	81.1	85.9	95.9	15.53			

LEE COUNTY

247171	U.S.N.M.	Lee County	40		17.8	13.8	14.4	77.5	91.1	104.4	15.33	1,410	11.6	7.0
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BONITO SPRINGS

340694	U.S.N.M.	Bonito Springs	50		18.1	14.2	13.9	78.4	86.1	97.9	15.40			
340097	do	do	Adult	Slight asymmetry	17.8	14.2		79.8				1,375	7.1	
340696	do	do	35		17.8	14.4	13.6	80.9	84.6	94.4	15.27	1,435	11.4	6.4
340695	do	do	40		17.3	14.4		85.2				1,390		

HORRS ISLAND

352117	U.S.N.M.	Horris Island, Collier County	35		18.5	13.3		71.9				1,300	11.8	6.8
352120	do	do	25		17.8	13.2		74.2				1,250		
352060	do	do	50		17.9	13.3		74.9						
352108	do	do	27		18.0	13.4		74.4						
352091	do	do	65		18.8	14.0		74.5						
352171	do	do	35		17.9	13.5		75.4				1,210	12.4	7.5
352115	do	do	55		18.9	14.3		75.7				1,440	7.0	
352059	do	do	33		18.4	14.0		76.1						
352053	do	do	40		17.6	13.6		77.3				1,340		
352105	do	do	50		17.7	13.9		78.0						
352109	do	do	80		18.4	14.4		78.9						
352062	do	do	30		17.2	13.5		78.5						
352170	do	do	23		16.9	13.3	13.1	78.7	86.8	98.5	14.43	1,180	12.5	7.7
352165	do	do	25	Plioc. (p. m.) but +	18.0	14.2		78.9						
352061	do	do	35		17.6	13.9	13.4	79.0	85.1	96.4	14.07	1,200	11.9	7.3

¹N.col.

FLORIDA, WEST COAST: FEMALES—Continued
HORRS ISLAND—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maximm. (glabella ad maximm.)	Diam. lateral maximm.	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. Pt.-Nasion height (b)
352057	U.S.N.M.	Horris Island, Collier County.	60		17.2	13.6		79.1							
352076	do	do	45		17.3	13.7	13.8	79.2	89.0	100.7	14.93	1,280		12.3	7.6
352089	do	do	65		17.6	14.0		79.6				1,380			
352095	do	do	65		17.9	14.3		79.9				1,420			
352125	do	do	65		17.6	14.1		80.1				1,205		112.0	7.3
352121	do	do	24		17.5	14.1		80.6							
352184	do	do	35		18.0	14.5		80.6							
352087	do	do	65		18.0	14.5		80.6				1,410			7.3
352114	do	do	75		17.1	13.8		80.7				1,330			
352082	do	do	65		18.2	14.7		80.8							7.9
352166	do	do	60		17.8	14.4		80.9							
352074	do	do	35		17.2	14.0	13.2	81.4	84.6	94.5	14.80	1,290		11.0	6.8
352101	do	do	24		17.6	14.4	13.4	81.8	83.8	93.1	15.13	1,340		11.4	6.8
352112	do	do	30		16.9	13.9		82.3						112.4	7.3
35	do	do	35		17.7	14.6		82.5							
352111	do	do	30		17.3	14.3		82.7							
352140	do	do	60		17.4	14.4		82.8							7.2
352096	do	do	35		17.1	14.3	13.0	83.6	82.8	90.9	14.80	1,360		11.0	7.1
352161	do	do	45		16.6	14.0		81.3							
352097	do	do	28		16.2	13.8	13.0	85.2	86.7	94.2	14.33	1,130		11.2	6.9
352151	do	do	35					85.2						11.9	7.0
Specimens					(35)	(35)	(7)	(35)	(7)	(7)	(7)	(17)		(13)	(17)
Totals					489.1	489.1	92.9	79.17	85.58	95.58	103.30	22,065		153.4	122.5
Averages					17.7	14.0	13.3	79.17	85.60	95.58	14.77	1,297.9		11.8	7.2
Minima					16.2	13.2	13.0	71.9	82.8	90.9	14.33	1,130		11.0	6.8
Maxima					18.9	14.7	13.8	85.2	89.0	100.7	15.13	1,440		12.5	7.9

¹ Near.

FLORIDA, WEST COAST: FEMALES—Continued
PENSACOLA BAY

Catalog No.	Diam. Bizygomatic maxm. (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	Diam. frontal minlm.
242667	12.8	90.6	64.7	9.5	8.35	9.05	70.0	°	3.4	3.5	3.7	3.7	91.9	91.6	5.3	2.45	46.2	5.25	6.4	88.0	3.2	
242669	13.1	95.1	61.1	19.5	8.2	9.7	67.0	°	3.3	3.3	3.7	3.7	89.2	89.2	5.2	2.5	43.2	(5.0)	(93.9)	4.0		
242668				10.0	8.6	10.1			3.3	3.3	3.8	3.8	86.8	86.8	5.3	2.65	60.0	5.9				
CEDAR KEYS																						
243694						9.8															3.3	
242617																					3.3	
331765																					13.2	
ANCLOTE KEY																						
15857															5.2	2.5	48.2					
TARPON SPRINGS																						
15830	113.9																					
15483			51.1												5.2	2.3	44.2					
16010															5.3	2.2	41.6					
15480																						
15840																						
15057																						
15057																						
15778																						
15794																						
15862																						
16009															4.7	2.4	51.1					

¹Left side of upper jaw small.

¹Near.

350296																			3.8	10.1
350308					3.55				4.0		88.8			4.8	2.7	56.5		5.6	6.9	81.2
Specimens.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Totals.....	39.3	296.0	152.0	9.95	10.1	11.7	11.6	3.9	3.9	85.04	87.07	29.65	14.9	38.0	32.5	50.95	5.4	32.5	38.0	50.1
Averages.....	13.1	68.7	50.7	3.3	3.4	3.9	3.8	3.8	3.8	80.8	85.5	5.0	2.5	6.1	5.1	17.0	1.5	6.1	6.1	16.2
Minima.....	12.9	63.5	40.0	3.15	3.25	3.8	3.6	3.6	3.6	88.8	89.7	4.8	2.35	5.1	4.7	17.0	1.5	5.1	5.1	15.4
Maxima.....	13.4	72.5	57.5	3.6	3.5	4.0	3.9	3.9	3.9	88.8	89.7	5.1	2.7	5.7	5.7	17.0	1.5	5.7	5.7	16.1

TAMPA BAY

242648																				
242637																				
242679																				
242645																				
2213	13.3													4.6	2.2	47.8				
242914														4.9	2.5	51.0				
2210	13.6													5.4	2.6	48.2	15.4			
242674														4.9	2.4	49.0				
242936																				
2215	13.3	86.5	63.4		110.3	9.4	10.25	69.0	56.5											
242643																				
242672						8.9	9.7													
242642																				
242635																				
2218	13.4							71.5	58.0	3.25	13.3	3.6	3.6	90.3	91.7	4.9	12.6	63.1	15.5	6.85
Specimens.....	(4)	(2)	(4)	(3)	(3)	(3)	(3)	(2)	(2)	(1)	(3)	(1)	(3)	(1)	(3)	(6)	(6)	(2)	(1)	(1)
Totals.....	53.6	20.2	27.4	20.2	27.4	27.4	27.4	140.5	114.5	10.0	11.0	11.0	11.0	29.4	14.6	49.05	10.9	10.9	10.9	10.9
Averages.....	13.4	85.64	61.49	10.1	9.1	10.0	10.0	70.25	57.25	3.3	3.7	3.7	3.7	4.9	2.4	49.05	5.45	5.45	5.45	5.45
Minima.....	13.3	80.9	60.0	9.9	8.9	9.7	9.7	69.0	56.5	3.3	3.6	3.6	3.6	4.6	2.2	47.8	5.4	5.4	5.4	5.4
Maxima.....	13.6	86.5	63.4	10.3	9.4	10.25	10.25	71.5	58.0	3.6	3.8	3.8	3.8	5.4	2.6	63.1	5.5	5.5	5.5	5.5

CLEARWATER

243692																				
Specimens.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Totals.....	10.2																			

WEEDEN ISLAND

329412																					9.7
329413																					10.0
329378																					9.2
329419																					4.0
329398																					3.4
329409																					9.7
329403																					2.8

i Near.

FLORIDA, WEST COAST: FEMALES—Continued
WEEDEN ISLAND—Continued

Catalog 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, <i>Index</i>	Lower Jaw, height at Symphysis	Diam. frontal minim.
329410							°	°														10.0
329406																						9.3
329377																						9.5
329387	13.3		68.4						3.6	3.6	3.8	3.6	94.7	100.0	5.2	2.4	46.2	5.6	6.2	90.3	3.0	9.3
329391																						8.9
329408																						9.6
329416																						9.2
329393																						9.3
329402																						9.3
329396																						9.6
329376																						9.3
329411																						9.1
329381																						9.2
329418																						9.1
329383																						9.3
Specimens	(1)								(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(19)
Totals																			12.3	20.1	85.71	170.4
Averages																			6.3	85.71	3.35	9.4
Minima																			6.4	87.5	2.8	8.9
Maxima																			5.6	80.3	4.0	10.0
331426	13.7	89.8	51.8	9.9	8.8	9.7	67.0	55.6	3.4	3.4	3.9	3.9	87.2	87.2	4.9	2.45	50.0				3.65	9.8

PUNTA GORDA

PERICO ISLAND

373554	13.9	92.09	56.12	10.8	9.6	10.6	67.0	56.5	3.65	3.7	4.3	4.2	84.88	88.10	5.2	2.5	48.08	5.7	6.2	91.94
373479	13.7				10.2	10.7			3.3	3.35	4.05	3.8	81.48	88.16	4.8	2.65	55.21			
373545																				
373586																				
373571	14.3			10.3	9.2	10.5	71.0	52.0	3.0	4.1			87.90		5.4	2.6	48.15	5.5	6.2	88.71
373623	13.4	91.79	65.97		9.4	10.4			3.0	4.0			90.90		5.0	2.6	59.00			
373478	13.4								3.5	3.9	4.0		89.74		5.1	2.4	47.06	15.5	6.5	84.62
373553									3.7	3.6	4.0	4.0	92.50	90.00	5.2	2.55	49.04			
373548																				
373531	13.3	90.23	53.38	10.6	9.6	9.8	63.5	66.0	3.3	3.35	4.0	3.8	82.50	88.16	5.0	2.65	53.0	5.0	6.3	88.89
373624									3.7	4.0			92.60		5.3	2.6	49.06	5.5	6.3	87.50
373484																				
373580	14.0	85.60	48.67						3.4	3.45	3.8	3.7	89.47	93.24	4.9	2.6	53.06	5.5	6.5	84.62
373540	13.4	92.54	53.75						3.3	3.4	4.0	3.9	82.50	87.18	5.0	2.5	50.0	5.7	6.2	91.94
373603																				
373555																				
373504	14.3																			
373604																				
373492	12.9	96.12	58.14	10.5	9.3	10.0	65.5	65.0	3.1	3.7			83.78		5.25	2.5	47.62	6.0	6.5	92.31
373489	13.7		53.28	10.1	8.9	10.4	71.5	63.0	3.5	3.55	4.0	4.0	87.50	83.76	5.1	2.65	51.99	5.4	6.1	88.52
373557	13.8		53.62	10.4	9.2	10.2	67.0	64.0	3.6	3.5	4.0	3.9	90.00	89.74	5.05	2.7	53.47			
373617									3.2	4.0			80.00		4.9	2.5	51.02	5.4	6.3	85.71
373594															4.7	2.4	51.06	5.5	5.8	91.94
373505	13.6		53.68	10.2	9.0	10.3	69.5	49.0	3.65	3.7	3.8	3.8	96.05	97.37	5.5	2.45	44.55	5.5	6.1	90.16
373626				10.6	9.5	10.6	71.0	65.0	3.35	3.4	3.8	3.9	88.16	87.18	5.1	2.3	46.10	5.7	6.3	90.48
373507	13.4	90.30	53.73	10.1	9.0	10.2	70.0	55.0	3.35	3.4	3.8	3.9	88.16	87.18	5.0	2.5	50.0	5.3	5.9	89.33
373481															4.8	2.5	52.08			
373590																				
373585	14.1	85.82	51.06						3.45	3.55	3.9	3.8	88.46	93.42	4.9	2.5	51.02	5.7	6.2	91.94
373627	13.6	83.09	49.26		8.8	9.3	62.5	46.5	3.3	3.3	3.7	3.7	89.19	89.19	4.5	2.5	55.56	5.0	6.5	86.16
373591																				
373560																				
373547																				
373497																				
373549																				
373532																				
373482				10.0	9.0	10.2	70.0	67.0		3.6		3.7	97.30		5.0	2.6	52.0	4.9	6.2	79.03
373569																				
2993055	13.4		61.49	10.0	8.9	9.95	69.0	50.0	3.65	3.65	3.8	3.85	96.06	94.81	5.1	2.35	46.08	5.4	6.3	85.71
373610																				
373552	14.2	89.44	64.23	9.8	8.8	10.4	72.0	59.0	3.8	3.75	4.2	4.1	90.48	91.46	5.35	2.8	52.34	5.5	6.7	82.09
373529	13.3																			
373556																				
373628	13.6	84.66							3.2	3.25	3.6	3.0	88.89	90.26	4.45	2.45	55.06			
373607																				
373575																				
373539																				
373509	13.1	85.50	60.38	9.6	8.6	9.5	69.0	56.0	3.3	3.25	3.8	3.75	86.84	86.67	4.6	2.5	54.35	5.6	6.4	87.60

1 Near.

FLORIDA, WEST COAST: FEMALES—Continued

PERICO ISLAND—Continued

Catalog 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	Diam. frontal minm.
373488							°	°	3.6	3.5	3.7	3.6	97.30	95.89	4.8	2.4	50.0	5.2	6.0	88.67		
373598									3.45	3.5	4.0	3.8	88.85	92.11	4.7	2.2	46.81					
373562	14.1	82.98	49.65	9.0		10.0																
373601							66.5	66.5	3.6	3.6	3.8	3.8	89.74	94.74	5.1	2.5	49.01	5.0	6.2	80.65		
373491	18.1	82.26	52.87	8.8		10.2	63.0	63.0	3.4	3.65	3.8	3.7	89.77	98.65	3.2	2.5	48.08					
373499	13.5	87.41	62.59	8.0		9.6	63.0	63.0	3.2	3.7	3.2	3.7	86.49	86.49	4.7	2.5	53.19					
373613	13.7		52.55	9.0		9.8			3.2	3.7	3.2	3.7	86.49	86.49	4.7	2.5	53.19					
373687									3.55	3.55	3.66	3.66										
373502	14.1	87.23	51.77	10.2		10.2	69.0	69.0														
373505																						
373592									3.7	3.6	3.8	3.8	97.37	97.50	4.9	2.35	47.99	5.3	6.2	85.48		
373563	13.8	85.51	60.72	9.3		9.6	71.0	71.0	3.4	3.4	3.8	3.8	88.16	89.47	5.3	2.45	46.23	5.3	6.8	77.94		
373605	13.7	86.13	51.09	10.0		10.2	72.0	72.0	3.35	3.4	3.8	3.8	88.16	89.47	5.3	2.45	46.23	5.3	6.8	77.94		
373555									3.28	3.28	3.66	3.66										
Specimens	(27)	(18)	(22)	(19)	(23)	(31)	(19)	(19)	(28)	(26)	(23)	(26)	(28)	(26)	(36)	(36)	(36)	(30)	(30)	(50)		
Totals	369.0	87.55	62.60	192.0	208.6	314.85	1,505	1,019.5	98.85	91.3	108.75	99.1	89.06	92.15	180.45	90.05	164.5	188.6	188.6	87.82		
Averages	13.7	87.55	62.60	10.1	9.1	10.2	68.7	63.7	3.45	3.5	3.9	3.8	89.06	92.15	5.0	2.5	49.90	5.5	6.3	87.82		
Minima	12.9	85.98	48.57	9.3	8.1	9.6	62.5	46.5	3.1	3.25	3.6	3.6	80.0	86.49	4.45	2.2	44.55	4.9	5.8	77.94		
Maxima	14.3	96.12	68.14	10.8	10.2	10.8	72.0	69.0	3.8	3.75	4.3	4.2	97.37	98.65	5.5	2.8	55.68	6.0	6.8	92.31		

CHARLOTTE BAY

2227	13.7		48.9												5.1	2.15	48.2					
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CAPTIVA ISLAND

340622	113.0	88.6	64.6	10.1	9.2	10.2	70.0	58.6	3.3	3.3	3.8	3.8	86.8	86.8	5.2	2.2	42.3	5.5	5.9	85.2	3.0	9.1
340630																						8.9
340626																						9.5
340679																						8.8
340644																						9.6
292755																						9.2
340681																						9.5
340665																						9.4
340644																						9.4
340661																						9.3
340689																						3.4
340654																						3.1
340671																						8.7
340611	13.4	84.3	60.0	9.7	9.0	10.0	72.5	62.0	3.35	3.35	3.65	3.65	91.8	91.8	5.0	2.55	61.0	5.0	6.3	79.4	3.0	8.8
340668																						8.9
340663																						9.7
340638																						8.8
340681	13.4	88.1	68.0	9.9	9.0	10.0	83.0	46.5	3.1	3.1	3.65	3.65	84.9	84.9	5.1	2.3	45.1	5.5	6.4	85.9	2.8	8.7
340610	13.6																					8.8
340655																						9.5
340636	13.4	86.1	69.9	9.9	9.0	10.0	72.0	56.5	3.6	3.5	3.85	3.85	93.5	88.6	4.0	2.3	46.9	5.0	6.2	80.7	3.2	9.2
340631	13.2	91.7	63.8	10.2	9.4	9.9	66.5	61.5	3.3	3.4	3.8	3.7	86.8	90.9	4.8	2.3	47.9	5.2	6.2	83.9	3.15	9.3
340687	13.3																					8.8
340614																						9.3
340616	13.9	84.9	60.4	10.5	9.7	10.5	71.0	60.5	3.3	3.2	3.8	3.85	86.8	83.1	5.1	2.5	49.0	5.6	6.5	86.2	3.7	9.4
340674																						9.5
340642	13.3	88.7	66.6	9.6	8.6	9.6	67.0	56.5	3.6	3.6	3.9	3.8	92.3	94.7	5.3	2.5	47.2	5.3	6.4	82.8	3.3	9.2
340649																						9.1
340636																						9.6
292752																						9.2
340619																						9.2
340687																						9.2
340620																						9.3
340658																						9.0
340682																						9.1
340659																						9.0
340635																						8.4
340632	13.0	81.6	49.2	9.8	8.4	9.4	70.0	42.0	3.25	3.25	3.7	3.8	87.8	85.5	4.7	2.5	53.2	5.5	6.3	87.3	3.05	8.9
340634																						9.1
340617	13.7	86.5	65.6	10.0	8.8	9.8	66.0	54.5	3.4	3.4	3.9	4.0	87.2	85.0	5.2	2.3	46.2	5.8	10.3	92.1	3.0	9.3
340672																						9.0
340672																						9.0
Specimens.....	(11)	(9)	(70)	(11)	(11)	(18)	(10)	(10)	(10)	(11)	(10)	(11)	(10)	(10)	(11)	(13)	(13)	(14)	(14)	(17)	(86)	
Totals.....	147.2	86.78	52.92	9.9	8.9	10.0	68.35	55.6	3.4	3.3	3.8	3.8	88.44	88.44	5.1	3.1	47.44	5.4	6.3	86.45	3.2	9.2
Averages.....	13.0	81.6	49.2	9.6	8.4	9.4	63.0	42.0	3.1	3.1	3.65	3.65	84.9	83.1	4.7	2.2	42.3	5.0	5.9	79.4	2.8	8.9
Minima.....	13.9	91.7	67.9	10.5	9.7	10.5	72.5	62.0	3.6	3.6	3.9	4.0	93.6	94.7	5.4	2.55	63.2	5.8	6.5	93.2	3.9	9.7

UNDEFORMED TENNESSEE: MALES¹

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxium (glabella and maximum)	Diam. lateral maxium	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) ²	Alveol. Pt.-Nasion height (b)
243099	U.S.N.M.	Mound near Nashville	65		18.8	13.5	14.2	71.8	87.9	109.2	15.50	1,510			
243134	do	do	60		19.2	14.1	High	73.4				1,510			7.5
238245	do	Prevaus Landing, Benton County	65		18.0	13.3	High	73.9				3,137.0			
243103	do	Mound near Nashville	70		18.2	13.5	14.6	74.2	92.1	108.2	15.43	1,380		12.9	7.9
310380	do	Castalian Springs	70		18.5	13.8	14.2	74.6	87.9	102.9	15.50	1,380		12.9	7.8
243098	do	Mound near Nashville	35		18.2	13.6	High	74.7				3,137.0		12.9	7.1
237210	do	Prevaus Landing, Benton County	Adult		17.6	13.2	High	75.0				3,137.0			
243130	do	Mound near Nashville	60		19.0	14.3	High	75.9				3,155.0			
317536	do	Near Bristol	55		18.8	14.2	14.1	75.5	85.5	99.3	15.70	1,450			
290771	do	Lauderdale County	35		17.8	13.5	14.7	76.1	93.6	108.1	15.37	1,480		12.1	7.0
243119	do	Mound near Nashville	50		17.2	13.3	High	77.3						11.7	7.0
243091	do	Near Nashville	70		17.4	13.5	Me-	77.6							
310376	do	Castalian Springs	45		18.7	14.6	dium	78.1	88.9	101.4	16.03	1,590			
317537	do	Near Bristol	40	Small asymmetry	17.6	13.8	14.2	78.1	90.5	102.9	15.26	1,420			7.0
243122	do	Mound near Nashville	65		17.8	14.0	High	78.7							
97450	do	do	50	Slight occipital flattening	17.9	14.2	14.5	79.3	90.3	102.1	15.53	1,430			
292211	do	Near Clarksville	40	Occipital asymmetry	17.4	14.1	High	81.0				1,490		12.5	7.4
229075	do	Mound Jefferson County	60		17.8	14.7	High	82.6				1,490		7.4	
243136	do	Mound near Nashville	50	Moderate lateral occipital	17.8	14.8	14.2	83.2	87.1	96.0	15.60	1,425			7.9
325323	do	Sumner County	60		17.6	14.8	14.3	84.1	88.3	96.6	15.57	1,420			
40	do	Near Chattanooga	40		16.8	14.2		84.6							
243107	do	do	Young adult	Slight occipital	16.8	14.9		88.7							
243125	do	Nashville	60			Broad	High								8.2
226080	do	Jefferson County	55		17.8										
Specimens					(23)	(22)	(10)	(22)	(10)	(10)	(10)	(14)		(6)	(11)
Totals					412.7	308.0	143.8		89.18	102.13	153.43	20,396		75.0	82.2
Averages					17.9	14.0	14.4	77.99				1,466.8		12.5	7.6
Minima					16.8	13.2	14.2	71.8	85.6	96.0	15.20	1,370		11.7	7.0
Maxima					19.2	14.9	14.8	88.7	93.6	108.2	16.03	1,890		12.9	8.2

¹ Some plainly Virginia-like; some different, broader to much broader.

² Menton-Nasion height reconstructed where teeth worn.

³ Near

UNDEFORMED TENNESSEE: MALES—Continued

Catalog 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, <i>Index</i>	Lower Jaw, height at Symphysis	Diam. frontal minm.
243009	13.0		67.7			10.6			3.25		3.9	3.9	83.3	83.3	5.1	2.4	47.1	6.2	7.1	87.3	3.6	9.2
243134	13.5							3.4	3.3	3.9	3.8	3.8	87.2	86.8	5.1	2.65	62.0	6.2	7.1	87.3	3.4	9.2
243245	14.5							3.6	3.65	4.1	4.0	3.9	87.8	86.8	5.1	2.7	49.1	5.7	6.9	82.6	4.0	9.6
243103	13.8							3.0	3.05	3.85	3.85	3.85	77.9	79.2	5.2	2.6	60.0	5.6	6.7	83.6	3.9	9.1
310380	13.8							3.0	3.05	3.8	3.8	3.8	88.2	91.4	5.5	2.4	48.6	5.6	6.7	83.6	3.9	9.1
243098	13.8							3.35	3.4													
287210	13.3		63.4					3.4	3.4													
243180	13.8		67.0					3.4	3.4													
317586	14.9					10.8		3.45	3.35	3.9	3.5	3.5	88.5	88.2	4.9	2.6	53.1	5.4	6.6	81.8	3.45	9.5
290771	13.7		67.1	9.6		10.4	76.0	3.3	3.35	3.8	3.75	3.8	88.8	89.3	5.0	2.7	64.0	5.1	6.9	73.9	3.3	8.6
243119	13.4		67.3					3.3	3.35	3.8	3.8	3.8	88.8	89.3	5.0	2.7	64.0	5.1	6.9	73.9	3.3	8.6
243691	13.4							3.3	3.35	3.8	3.8	3.8	88.8	89.3	5.0	2.7	64.0	5.1	6.9	73.9	3.3	8.6
310376	14.1		69.7	9.8		10.7		3.5	3.4	4.1	4.0	3.85	85.0	85.0	5.05	2.5	49.5	5.7	6.8	83.8	4.0	9.4
317587	14.1							3.5	3.4	4.1	4.0	3.85	85.0	85.0	5.05	2.5	49.5	5.7	6.8	83.8	4.0	9.4
243122	13.8							3.4	3.4													
97450	13.4					10.3		3.4	3.5	3.9	3.8	3.8	87.2	87.2	5.4	2.0	48.2	5.6	7.6	75.0	3.7	9.6
292211	13.4							3.4	3.5	3.9	3.8	3.8	87.2	87.2	5.4	2.0	48.2	5.6	7.6	75.0	3.7	9.6
229075	14.0		66.4					3.35	3.4	4.1	3.8	3.8	81.7	89.6	5.35	2.4	44.9	5.7	7.6	75.0	3.7	9.6
243136	14.3					10.1		3.35	3.4	4.1	3.8	3.8	81.7	89.6	5.35	2.4	44.9	5.6	6.8	82.4	3.7	9.6
325323	14.3							3.35	3.4	4.1	3.8	3.8	81.7	89.6	5.35	2.4	44.9	5.6	6.8	82.4	3.7	9.6
243107	14.3							3.35	3.4	4.1	3.8	3.8	81.7	89.6	5.35	2.4	44.9	5.6	6.8	82.4	3.7	9.6
243108	14.3							3.35	3.4	4.1	3.8	3.8	81.7	89.6	5.35	2.4	44.9	5.6	6.8	82.4	3.7	9.6
243108	14.3							3.35	3.4	4.1	3.8	3.8	81.7	89.6	5.35	2.4	44.9	5.6	6.8	82.4	3.7	9.6
243125	14.3							3.35	3.4	4.1	3.8	3.8	81.7	89.6	5.35	2.4	44.9	5.6	6.8	82.4	3.7	9.6
226080	14.9		67.7	10.4		10.8	76.0	3.6	3.5	3.65	4.1	4.0	88.5	94.6	5.8	2.85	64.0	6.2	7.1	78.9	3.65	10.0
226080	14.9		67.7	10.4		10.8	76.0	3.6	3.5	3.65	4.1	4.0	88.5	94.6	5.8	2.85	64.0	6.2	7.1	78.9	3.65	10.0
Specimens.....	(11)	(4)	(7)	(3)	(5)	(9)	(3)	(3)	(13)	(9)	(9)	(13)	(9)	(18)	(14)	(14)	(14)	(12)	(12)	(12)	(13)	(19)
Totals.....	162.8			29.8	44.1	94.8	221.5	30.35	43.95	35.45	49.6	49.6	88.61	88.61	73.3	36.95	67.3	82.3	82.3	48.2	48.2	176.8
Averages.....	13.4			9.9	8.8	10.5	73.53	3.4	3.4	3.9	3.8	3.8	86.61	86.61	5.2	2.6	49.05	5.6	6.9	81.77	3.7	9.3
Minima.....	13.0			9.6	8.6	10.1	71.5	3.0	3.05	3.8	3.6	3.6	77.9	79.2	4.9	2.4	45.6	5.1	6.2	73.9	3.3	8.6
Maxima.....	14.9		67.7	10.4	9.2	10.8	76.0	3.6	3.65	4.1	4.1	4.0	88.5	94.6	5.8	2.85	64.0	6.2	7.6	80.3	4.0	10.0

DEFORMED TENNESSEE: MALES¹

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in cc (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a) ²	Alveol. height (b)
116043	U.S.N.M.	London County	50	Medium frontal occipital	(16.4) (17.2)	(17.2)	(13.6)	(104.9) (81.0)	(79.1)	(79.1)	15.73	1,560		12.6	7.7
116056	do	do	60	Slight occipital flattening	(17.7) (14.5)	(14.5)	(13.4)	(81.2) (83.2)	(92.4)	(92.4)	13.20	1,560			7.5
1601968	do	Carter County	30	Slight frontal	(16.8) (16.0)	(16.0)	Med	(92.2)							
228350	do	Near Nashville	50	Slight occipital	(17.7) (14.8)	(14.8)	(14.6)	(93.5) (89.9)	(98.7)	(98.7)	13.70	1,670		12.0	7.0
228351	do	do	40	Slight frontal medium occipital	(16.6) (14.2)	(14.2)	(14.5)	(86.2) (84.2)	(102.1)	(102.1)	13.10	1,340		11.7	6.9
243106	do	Mound near Nashville	30	Pronounced occipital	(15.9) (15.5)	(15.5)		(97.2)			31.420			12.0	7.1
243116	do	Near Nashville	55	Pronounced occipital flattening	(16.2) (15.2)	(15.2)	(14.0)	(93.8) (89.2)	(92.1)	(92.1)	15.13	1,430			
243117	do	do	50	do	(16.7) (14.8)	(14.8)	(15.1)	(83.5) (95.9)	(102.0)	(102.0)	15.53	1,450		13.0	7.9
243118	do	do	45	Medium occipital	(16.8) (15.4)	(15.4)		(91.7)						12.5	7.4
243135	do	Mound near Nashville	55	Pronounced occipital	(15.2) (15.4)	(15.4)		(101.5)			1.370				7.3
243137	do	Clarksville	50	do	(16.4) (15.5)	(15.5)	(14.6)	(94.5)			15.30	1,420		12.0	7.2
283243	do	Clitico Mound, Hamilton County	25	Slight frontal pronounced occipital	(16.2) (15.7)	(15.7)		(96.9) (91.6)							
286797	do	do	50	Medium frontal occipital	(16.4) (15.1)	(15.1)	3 (14.3)	(92.1) (90.8)	(94.7)	(94.7)	15.27	1,470		13.0	7.5
290769	do	Hales Point, Lauderdale County	50	Moderate frontal pronounced occipital	(16.2) (16.6)	(16.6)	(14.8)	(102.5) (90.2)	(89.2)	(89.2)	15.87	1,450			
290776	do	do	60	Pronounced occipital	(15.2) (16.4)	(16.4)	(15.0)	(107.9) (94.9)	(91.5)	(91.5)	15.53	1,480		13.6	7.3
291253	do	Mound near Nashville	60	do	(17.0) (16.6)	(16.6)	(14.6)	(97.7) (86.6)	(88.0)	(88.0)	16.07	1,560			8.4
292202	do	Near Clarksville	Young adult	Slight occipital	(17.2) (15.2)	(15.2)		(88.4)							
292214	do	Liberty	do	Pronounced occipital	(16.6) (16.0)	(16.0)		(96.4)						12.2	7.0
310356	do	Whittaker Village	60	do	(16.4) (14.7)	(14.7)	High (89.6)				1.380				
310378	do	Castalian Springs	55	Medium occipital	(17.3) (15.4)	(15.4)	(14.0)	(89.0) (89.8)	(94.8)	(94.8)	15.77	1,450		12.4	7.4
316098	do	Near Nashville	65	Slight frontal pronounced occipital	(16.0) (14.8)	(14.8)	(14.2)	(92.5) (92.5)	(92.2)	(92.2)	15.00	1,440			7.4
Specimens					(21)	(21)	(13)	(21)	(15)	(15)	(13)	(16)		(11)	
Totals					346.9	325.0	187.3	(85.69)	(89.26)	(92.06)	201.4	23,450		137.6	103.6
Averages					16.5	15.5	14.4	(81.0)	(81.0)	(79.1)	15.49	1,465.6		12.5	7.4
Minima					15.2	14.2	13.4	(81.0)	(81.0)	(79.1)	15.00	1,340		11.7	6.9
Maxima					17.7	17.2	15.1	(107.9)	(96.9)	(102.1)	16.07	1,670		13.6	8.4

¹ Some plainly Virginalike; some different, broader to much broader.

² Menton-Nasion height reconstructed where teeth worn.

³ Near.

DEFORMED TENNESSEE: MALES—Continued

Catalog 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, Index	Lower Jaw, height at Symphysis	Diam. frontal minium	
116043	14.3	88.1	62.9	10.5	9.2	9.8	63.0	52.0	3.55	3.55	3.9	3.9	91.0	91.0	5.3	3.0	56.6	5.5	7.1	77.5	3.6	10.1	
116056	14.0	88.1	53.6	10.2	8.8	9.7	64.5	48.0	3.45	3.4	3.8	3.8	89.5	89.5	4.2	2.5	48.1	5.6	86.2	3.8	9.6		
150195a																							
228350	14.5	86.9	48.3	9.9	8.8	10.4	73.5	50.0	3.55	3.55	3.85	3.85	92.2	90.3	5.3	2.7	50.9	5.2	78.8	4.1	9.3		
228351	13.3	89.0	51.9	9.9	8.8	10.2	72.0	56.5	3.4	3.25	3.6	3.6	91.4	90.3	4.6	2.55	55.4	5.2	78.8	3.4	9.1		
243106	14.5	82.8	49.0						3.4	3.3	3.9	3.7	87.2	80.19	5.4	2.7	50.0	5.4	79.4	3.4	9.1		
243117	14.1	92.2	56.0	10.4	9.2	10.8	71.5	56.0	3.0	3.85	3.95	3.9	91.1	91.0	5.5	2.4	43.6	5.6	82.7	3.7	9.5		
243118									3.0	3.3	3.9	3.8	87.2	86.8	5.2	2.5	48.1	5.1	79.0	3.9	9.2		
243135	14.9		49.0						3.2	3.2	4.0	4.0	80.0	80.0	5.1	2.7	52.9	5.9	78.0	3.9	9.6		
243137									3.2	3.2	4.0	4.0	80.0	80.0	5.1	2.7	52.9	5.9	78.0	3.9	9.6		
283243	14.5	82.8	49.7	10.0	9.6	10.0	65.0	58.0	3.2		3.8		81.2		4.9	2.8	57.1	5.0	83.0	3.7	9.8		
286797	14.0								3.8	3.65	3.95	3.85	96.2	91.8	5.4	2.4	44.4	5.6	76.7	3.8	10.1		
290769	15.1	86.1	49.7	9.9	8.8	10.4	72.0	55.0	3.0	3.5	4.0	4.0	87.2	87.2	5.3	2.65	50.0	5.8	72.0	3.9	9.1		
290776									3.0	3.5	4.0	4.0	90.0	87.0	5.0	2.0	46.4	5.8	80.6	4.4	10.6		
291283	15.4	86.3	54.6																				
292202	14.4																						
292214																							
310356	13.8	88.4	50.7						3.0	3.0	3.7	3.6	81.1	83.3	4.9	2.5	51.0	6.0	83.3	3.9	8.2		
310878									3.4	3.35	3.85	3.85	88.3	87.0	5.05	2.8	56.5			3.9	9.9		
316098	13.6	91.2	54.4	10.3	9.2	10.2	68.0	57.0	3.4	3.35	3.85	3.85	88.3	87.0	5.05	2.8	56.5			3.8	9.5		
Specimens	(14)	(10)	(12)	(8)	(8)	(10)	(8)	(8)	(12)	(12)	(12)	(12)	(12)	(12)	(15)	(15)	(16)	(12)	(12)	(12)	(17)	(19)	
Totals	200.4			81.7	72.4	102.1	549.5	432.5	41.0	40.55	46.3	46.0	88.16	88.16	5.2	2.6	60.68	66.9	82.8	63.8	183.1		
Averages	14.3	87.2	51.69	10.2	9.05	10.2	68.7	54.1	3.4	3.4	3.6	3.6	88.0	87.0	4.6	2.4	43.6	5.1	74.9	3.8	9.6		
Minima	13.3	82.3	48.3	9.9	8.8	9.7	65.0	48.0	3.0	3.0	3.6	3.6	80.0	80.0	4.6	2.4	43.6	5.1	65.5	3.4	8.2		
Maxima	15.4	92.2	56.0	10.6	9.6	10.8	73.5	58.0	3.8	3.65	4.0	4.0	96.2	94.8	5.6	3.0	57.1	6.0	90.8	4.4	10.6		

UNDEFORMED TENNESSEE: FEMALES

Catalog 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. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a) ¹	Alveol. Pt.-Nasion height (b)
28693	U.S.N.M.	Marion County	55		18.2	13.2	14.0	72.5	82.2	106.1	15.13	1,310		10.6	6.3
243131	do	Near Nashville	30		18.0	13.3	13.8	73.9	83.2	103.8	15.03			11.2	9.7
243102	do	do	55		17.4	13.2	High	75.9							
134906	do	London County	Young adult.		17.5	13.3	14.2	76.0	92.2	103.8	15.00				
243133	do	Near Nashville	40		17.5	13.3	14.0	76.0	90.9	105.3	14.93	1,310			7.5
287215	do	Leadbetter Landing, Benton County	35		18.0	13.7	14.2	76.1	86.6	103.7	15.30				
287212	do	do	45		17.6	13.4		76.1							
283244	do	do	70		17.2	13.1	12.5	76.2	82.5	95.4	14.27	1,165			
243095	do	Near Nashville	25		17.2	13.2	High	76.7							
310400	do	Lovers' Leap, Smith County	50		17.2	13.2	14.0	76.7	93.1	105.1	14.80	1,410			
243128	do	Near Nashville	40		17.0	13.1	High	77.1				1,310		11.9	6.7
287209	do	Prevatts Landing	Young adult.	Small occipital asymmetry.	17.1	13.2		77.2							
310385	do	Castalian Springs	65		17.8	13.8	12.6	77.6	78.6	90.1	15.10				
287213	do	Leadbetter Landing, Benton County	do		18.3	14.2									
286796	do	Hamilton County	50		17.0	13.3	13.8	78.2	91.1	103.8	14.70	1,230		11.8	7.1
243105	do	Near Nashville	30		17.1	13.4	14.3	78.4	93.8	106.7	14.95	1,375		7.2	7.2
290778	do	Lauderdale County	28		17.3	13.6	14.4	78.6	93.2	105.9	15.10	1,330		11.2	7.1
243132	do	Walnut Mountain, Nashville	30		15.7	12.4	High	79.0				1,130		6.5	6.5
287214	do	Leadbetter Landing, Benton County	40		17.6	13.9	13.2	79.0	83.8	95.0	14.90				
315001	do	Nashville	50	Small occipital asymmetry.	17.7	14.0		79.1							
243126	do	Near Nashville	30	Slight lateral	16.6	13.3	14.4	80.1	96.3	108.3	14.77	1,320		7.0	7.0
226502	do	do	35		16.4	13.2	13.9	80.5	89.9	105.5	14.50	1,190		7.3	7.3
290779	do	Tales Point, Lauderdale County	70		16.1	13.0	13.6	80.3	85.5	104.6	14.23	1,120			

¹ Menton-Nasion height reconstructed where teeth worn.

UNDEFORMED TENNESSEE: FEMALES—Continued

Catalog 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	Men-tion height (a)	Alveol. height (b)
243146	U.S.N.M.	Ashland, Cheatham County.	55		16.8	13.6	Mod- erate	81.0	86.4	96.4	14.70	21,200		11.6	7.1
290770	do.	Hales Point, Lauderdale County.	35		17.0	13.8	13.3	81.2							
243101	do.	Near Nashville.	50		17.3	14.2	12.9	82.1	90.2	100.0	13.83	1,140			6.7
228343	do.	do.	35		15.7	12.9	13.4	82.5	88.5	97.8	14.57	1,200			7.4
243112	do.	do.	50		16.6	13.7	13.0	82.7	91.2	100.8	13.83	1,000			(5.9)
243110 ³	do.	do.	20		15.6	12.9	13.9	82.9	92.7	102.2	14.63	1,200			7.2
243129	do.	do.	45		16.4	13.6		83.3							
226074	do.	Jefferson County	Young adult, or subadult.		16.2	13.5									
243104	do.	Near Nashville.	65		17.0	14.4	13.8	81.7	87.9	95.8	15.07	1,460			
243087	do.	Flynnas Lick	40		17.0	14.4	High	81.7							
226513	do.	Strawberry Plains	40	Slight lateral	17.2	14.7	14.0	85.5	87.8	95.2	15.30	1,350			7.4
243123	do.	Near Nashville.	55		15.8	13.6	13.5	86.1	91.8	99.3	14.30	1,260			7.0
286801	do.	Hamilton County	35		16.8	14.0	13.4	86.0	88.4	91.8	14.93	1,360			6.7
226076	do.	Jefferson County	Young adult.		15.8	13.1		86.6							
243121	do.	Nashville	30												
Specimens					(37)	(37)	(34)	(37)	(24)	(24)	(24)	(22)		(10)	(17)
Totals					698.7	502.3	328.3	792.90	861.54	100.95	353.55	27,920		113.9	118.9
Averages					17.0	13.0	13.7	82.60	88.54	97.00	14.74	1,268.1		11.6	7.0
Minima					15.6	12.4	12.5	72.2	73.8	90.1	13.83	1,060		10.6	6.3
Maxima					18.3	15.1	14.4	86.6	96.3	108.3	15.30	1,460		12.4	7.5

Catalog No.	Diam. Bizygomatic maxm. (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	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 Index	Lower Jaw, height at Symphysis	Diam. frontal minm.
286803	12.3	86.2	61.2	9.6	8.9	10.2	77.0	58.0	3.2	3.2	3.6	3.6	88.9	88.9	4.9	2.6	53.1	5.4	6.3	85.7	2.8	8.5
243131	12.7	83.2	62.8	9.7	8.5	9.9	71.5	50.0	3.35	3.4	3.7	3.7	90.5	91.9	4.8	2.7	56.3	5.4	6.3	85.7	3.4	9.4
243102	12.4	86.6	60.6	9.6	8.3	10.0	71.5	50.0	3.1	3.45	3.6	3.6	86.1	86.1	4.7	2.3	48.9	5.3	6.4	82.8	3.5	9.7
134906	12.4	86.6	60.6	9.6	8.3	10.0	71.5	50.0	3.45	3.45	3.8	3.7	90.8	93.2	4.9	2.45	60.0	5.3	6.4	82.8	9.4	9.4
243133	12.4	86.6	60.6	9.6	8.3	10.0	71.5	50.0	3.45	3.45	3.8	3.7	90.8	93.2	4.9	2.45	60.0	5.3	6.4	82.8	9.4	9.4
287215	12.4	86.6	60.6	9.6	8.3	10.0	71.5	50.0	3.45	3.45	3.8	3.7	90.8	93.2	4.9	2.45	60.0	5.3	6.4	82.8	9.4	9.4
287212	12.4	86.6	60.6	9.6	8.3	10.0	71.5	50.0	3.45	3.45	3.8	3.7	90.8	93.2	4.9	2.45	60.0	5.3	6.4	82.8	9.4	9.4
283244	12.4	86.6	60.6	9.6	8.3	10.0	71.5	50.0	3.45	3.45	3.8	3.7	90.8	93.2	4.9	2.45	60.0	5.3	6.4	82.8	9.4	9.4
243095	12.4	86.6	60.6	9.6	8.3	10.0	71.5	50.0	3.45	3.45	3.8	3.7	90.8	93.2	4.9	2.45	60.0	5.3	6.4	82.8	9.4	9.4
310400	12.8	97.5	64.9	9.9	8.8	10.4	70.0	57.0	3.5	3.5	3.6	3.7	97.2	94.6	5.6	2.7	48.2	5.1	6.0	86.0	3.4	9.3
243128	12.2	97.5	64.9	9.9	8.8	10.4	70.0	57.0	3.5	3.5	3.6	3.7	97.2	94.6	5.6	2.7	48.2	5.1	6.0	86.0	3.4	9.3
287209	12.2	97.5	64.9	9.9	8.8	10.4	70.0	57.0	3.5	3.5	3.6	3.7	97.2	94.6	5.6	2.7	48.2	5.1	6.0	86.0	3.4	9.3
310855	12.2	97.5	64.9	9.9	8.8	10.4	70.0	57.0	3.5	3.5	3.6	3.7	97.2	94.6	5.6	2.7	48.2	5.1	6.0	86.0	3.4	9.3
287213	12.0	98.3	69.2	9.7	8.8	9.9	70.0	51.5	3.05	3.15	3.75	3.7	81.5	85.1	4.85	2.6	63.6	5.2	6.1	85.3	3.4	8.5
286796	12.0	98.3	69.2	9.7	8.8	9.9	70.0	51.5	3.45	3.35	3.7	3.7	93.2	90.6	4.85	2.5	61.6	5.2	6.1	85.3	3.6	9.4
243105	12.6	87.5	65.5	9.8	8.9	10.4	74.0	59.0	3.2	3.3	3.8	3.7	84.2	89.2	4.75	2.6	54.7	5.4	5.8	83.1	3.0	9.0
290778	12.8	87.5	65.5	9.8	8.9	10.4	74.0	59.0	3.55	3.55	3.45	3.45	100.0	102.90	5.1	2.5	49.0	5.2	6.9	75.4	3.0	8.0
243132	11.7	87.5	65.5	9.8	8.9	10.4	74.0	59.0	3.3	3.3	3.5	3.5	94.5	94.5	4.75	2.3	48.4	5.2	6.1	85.3	3.2	8.1
287214	11.7	87.5	65.5	9.8	8.9	10.4	74.0	59.0	3.3	3.3	3.5	3.5	94.5	94.5	4.75	2.3	48.4	5.2	6.1	85.3	3.2	8.8
315001	11.7	87.5	65.5	9.8	8.9	10.4	74.0	59.0	3.3	3.3	3.5	3.5	94.5	94.5	4.75	2.3	48.4	5.2	6.1	85.3	3.2	8.8
243196	12.3	88.2	64.6	10.0	8.9	10.0	70.0	54.5	3.4	3.45	3.6	3.6	94.4	95.8	4.9	2.45	60.0	5.5	6.4	86.9	3.1	8.6
224502	12.3	88.2	64.6	10.0	8.9	10.0	70.0	54.5	3.5	3.7	3.75	3.65	93.5	101.4	5.1	2.6	61.0	5.2	6.0	86.7	3.7	9.1
290779	12.3	88.2	64.6	10.0	8.9	10.0	70.0	54.5	3.6	3.6	3.9	3.9	92.5	92.5	4.95	2.5	60.5	5.2	6.0	86.7	3.7	9.1
243148	12.0	89.2	64.6	10.0	8.9	10.0	70.0	54.5	3.6	3.6	3.9	3.9	92.5	92.5	4.95	2.5	60.5	5.2	6.0	86.7	3.7	9.1
243146	12.0	89.2	64.6	10.0	8.9	10.0	70.0	54.5	3.6	3.6	3.9	3.9	92.5	92.5	4.95	2.5	60.5	5.2	6.0	86.7	3.7	9.1
290770	13.0	89.2	64.6	10.0	8.9	10.0	70.0	54.5	3.45	3.5	3.7	3.6	93.2	97.2	5.05	2.5	49.5	5.6	6.6	84.9	3.45	9.3
243110	12.1	90.2	69.5	9.1	8.0	9.2	69.5	55.0	3.4	3.35	3.4	3.6	100.0	93.1	4.6	2.4	52.2	5.0	6.2	80.7	3.7	9.1
229342	12.1	90.2	69.5	9.1	8.0	9.2	69.5	55.0	3.1	3.15	2.7	2.7	114.8	116.7	5.2	2.5	48.1	5.4	6.7	80.6	3.8	8.6
243112	11.9	90.2	69.5	9.1	8.0	9.2	69.5	55.0	3.4	3.4	3.4	3.4	92.9	94.4	4.85	2.4	49.5	5.3	6.5	81.5	3.6	8.7
243110	11.9	87.4	66.6	9.5	8.1	8.8	64.5	42	(2.9)	(2.95)	(3.5)	(3.4)	(82.9)	(86.8)	(3.9)	(2.35)	(60.5)	(5.1)	(6.1)	(83.6)	(3.3)	8.0
243129	13.5	89.6	63.3	9.0	8.4	9.8	61.0	42	3.4	3.4	3.7	3.6	91.9	94.4	4.85	2.4	49.5	5.3	6.5	81.5	3.6	8.8
226074	13.5	89.6	63.3	9.0	8.4	9.8	61.0	42	3.4	3.4	3.7	3.6	91.9	94.4	4.85	2.4	49.5	5.3	6.5	81.5	3.6	8.8

1 Near.
2 Undeformed but exceptionally small.

UNDEFORMED TENNESSEE: FEMALES—Continued

Catalog No.	Diam. Myzomatidic 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	Diam. frontal minim.
243104	12.9				8.4	9.8	°	°	3.75	3.75	4.0	4.0	93.8	93.8	5.4	2.55	47.2				3.4	9.1
243087									3.3	3.2	3.8	3.9	86.8	82.1	5.1	2.65	62.0	5.5	7.1	77.5		9.9
226513	13.6		54.4	9.8	8.8	10.2	71.5	65.2	3.35	3.6	3.6	3.6	93.1	91.7	4.95	2.65	65.5				3.4	10.2
243123	12.7		55.1						3.25	3.35	3.9	3.8	83.3	88.2	4.5	2.7	69.0	5.6	6.2	90.3	3.4	8.3
286801	13.3		60.4	10.0	8.7	9.6	67.0	49.0													3.65	9.5
228076																						
243121									3.55	3.9	3.9	3.9	81.0	91.0	5.3	2.6	49.1	5.4	6.7	80.6		8.8
Specimens.....	(20)	(10)	(17)	(13)	(17)	(17)	(12)	(12)	(21)	(21)	(21)	(21)	(21)	(21)	(23)	(23)	(25)	(16)	(16)	(16)	(21)	(35)
Totals.....	252.4			126.2	145.8	168.1	848.5	652.0	70.65	71.5	76.65	76.6	113.8	93.54	4.9	2.5	50.92	85.3	102.0	85.3	71.7	316.8
Averages.....	12.6		55.69	9.7	8.6	9.9	70.71	54.33	3.4	3.4	3.65	3.65	92.17	93.54	4.5	2.2	46.8	5.3	6.4	85.65	3.4	9.3
Minima.....	11.7		50.4	9.1	8.0	8.8	67.0	49.0	3.05	3.15	2.7	2.7	81.3	82.1	4.5	2.2	46.8	5.0	5.8	75.4	2.8	8.1
Maxima.....	13.6		60.5	10.1	8.9	10.4	77.0	59.0	3.75	3.75	4.0	4.0	114.8	116.7	5.7	2.7	60.0	5.6	7.1	93.1	3.8	10.2

DEFORMED TENNESSEE: FEMALES

Catalog 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	Menstr. height (a) 1	Alveol. height (b)
114332	U.S.N.M.	Munroe County	35	Medium frontal occipital flattening.	(16.7)	(15.3)		(91.6)							
97449	do	Near Nashville	25	Medium occipital	(15.5)	(13.9)	(13.4)	(89.7)	(91.2)	(96.4)	14.27	1,150			7.2
228341	do	do	35	Medium frontal occipital	(16.1)	(14.2)	(14.0)	(88.2)	(92.4)	(93.6)	14.77	1,235			
228342	do	do	70	Slight frontal pronounced occipital	(15.5)	(15.2)		(88.1)				1,220			7.1
228344	do	do	65	Medium occipital	(16.2)	(14.6)	(14.4)	(90.1)	(93.6)	(93.6)	15.07	1,350			7.2
228347	do	do	45	Slight frontal medium occipital	(15.6)	(14.8)	(13.4)	(94.9)	(88.2)	(90.5)	14.60	1,230			7.2
228352	do	do	55	Medium occipital	(16.2)	(14.3)	(13.9)	(88.5)	(91.2)	(97.2)	14.80	1,300			6.5
228354	do	do	60	do	(16.6)	(14.7)	(14.8)	(83.6)	(94.6)	(100.7)	15.37			11.5	6.5
243083	do	do	30	do	(15.4)	(14.4)	(14.4)	(93.5)	(96.6)	(100.0)	14.73	1,190		11.7	7.0
243089	do	do	40	Slight frontal occipital	(15.8)	(14.2)	(13.4)	(89.9)	(89.8)	(94.4)	14.47	1,160		12.0	7.4
243097	do	do	25	Pituitary	(16.2)	(13.6)	High	(84.0)						11.7	6.8
243111	do	do	30	Medium occipital	(16.0)	(14.1)	(13.0)	(88.1)	(86.4)	(92.2)	14.37	1,245		11.3	6.7
243127	do	do	38	Slight frontal medium occipital	(15.8)	(14.0)	(13.8)	(88.6)	(92.6)	(98.6)	14.53				7.4
283246	do	Swallow Bluff Island,	60	Moderate occipital	(16.6)	(14.8)		(89.2)				1,380			
286800	do	Hamilton County	40	Pronounced frontal occipital	(14.8)	(16.2)	(13.6)	(109.5)	(87.7)	(84.0)	14.87	1,330		12.0	7.2
290772	do	Itasca Point, Lauderdale County,	50	Slight frontal occipital	(16.1)	(14.8)	(13.6)	(91.9)	(88.0)	(91.9)	14.83	1,190		12.7	7.6
290773	do	do	50	Slight frontal medium occipital	(15.4)	(15.6)	(14.0)	(101.5)	(90.3)	(89.7)	15.00				7.3
290775	do	do	35	do	(16.1)	(16.0)	(14.2)	(99.4)	(88.6)	(88.8)	15.43	1,415			6.9
292201	do	Near Liberty, Wilson County,	25	Pronounced occipital	(15.4)	(14.6)		(94.6)						11.5	7.2
292216	do	do	25	Medium frontal slight occipital	(15.8)	(14.4)	(13.6)	(91.1)	(90.1)	(94.4)	14.80	1,210			7.0
305787	do	Near Chattanooga	60	Medium frontal occipital	(15.9)	(15.4)	(13.0)	(96.9)	(88.1)	(84.4)	14.77	1,270			

¹ Menton-Nasion height reconstructed where teeth worn.

² Near.

DEFORMED TENNESSEE: FEMALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabela 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	Menon-Nasion height (a)	Alveol. Pt., Nasion height (b)
310358	do	Whittaker village	35	Medium occipital	(15.1)	(15.1)	High	(100.0)	(93.6)	(96.6)	14.45	1,360			
310379	do	Castalian Springs	30	Slight frontal pronounced occipital	(15.2)	(14.3)	(13.8)	(94.1)	(93.6)			1,200			
316099	do	Davidson County	30	Slight frontal occipital	(15.8)	(14.3)		(90.6)							
Specimens															
Totals					379.8	352.8	234.3	(24)	(17)	(17)	250.91	21,495		(8)	(17)
Averages					15.8	14.7	13.8	92.89	90.39	93.76	14.70	1,294.4		94.4	120.9
Minima					14.8	13.6	13.0	84.0	83.1	84.0	14.27	1,150		11.8	7.1
Maxima					16.7	16.2	14.8	109.6	96.6	100.7	15.43	1,415		11.3	6.5
														12.7	7.6

Catalog No.	Diam. Bizygomatic	Facial Index, total	Facial Index, 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 max.	Nasal Index	Upper Alveolar Arch, length, max.	Upper Alveolar Arch, breadth, max.	Upper Alveolar Arch, length, max.	Lower Jaw, height at Symphysis	Diam. frontal min.
114332						9.9			3.65	3.7	3.9	3.8	93.6	97.4	5.2	2.5	48.1	5.1	6.8	5.1	3.8	8.7
97440				9.9	9.2	9.9	71.0	64.0	3.25	4.05	4.7	4.7	87.9	97.4	4.7	2.4	47.1	6.3	50.2	5.1	8.4	
228341	13.1			9.9		10.2	70.0	53.5	3.25	3.7	3.6	3.7	87.3	91.7	4.8	2.4	50.0	6.9	50.2	5.5	9.0	
228342	13.3			10.1	8.8	9.6	64.0	50.0	3.2	3.5	3.7	3.7	84.2	86.5	4.8	2.5	46.6	7.0	48.6	5.5	8.1	
228347	13.6			10.2	8.8	9.6	64.0	50.0	3.1	3.8	3.8	3.8	81.0	79.2	4.8	2.5	46.6	7.7	48.6	5.5	8.8	
228352				10.0	8.8	9.6	67.5	40.5	3.1	3.90	3.8	3.8	81.0	79.2	4.8	2.65	46.6	7.7	48.6	5.5	8.9	

228354	13.7	85.4	51.1	9.9	8.7	10.1	71.5	54.0	3.4	3.4	3.9	3.9	87.2	4.85	2.8	57.7	5.6	7.1	78.9	3.4	9.7	
243088	12.6	95.2	58.7	9.4	8.4	10.2	73.5	58.0	3.2	3.2	3.6	3.6	88.9	5.15	2.3	44.7	5.2	6.4	81.9	3.7	8.6	
243089	13.1	88.0	55.0	9.6	8.2	9.6	68.0	47.0	3.5	3.45	3.9	3.8	89.7	5.1	2.45	48.0	5.6	6.7	83.6	---	8.6	
243097	913.3	---	57.1	---	---	---	---	---	3.6	3.55	3.8	3.6	94.7	4.7	2.2	46.8	5.2	6.5	80.0	3.6	8.9	
243111	12.8	88.9	52.5	9.9	8.4	9.6	67.5	45.5	3.1	3.1	3.6	3.6	86.1	4.55	2.6	57.1	5.5	6.2	88.7	3.5	9.1	
243127	12.9	---	57.4	10.4	9.2	10.4	69.5	56.5	3.25	3.3	3.7	3.7	87.8	4.9	2.3	46.9	5.6	6.3	88.9	---	9.0	
283246	---	---	(47.4)	---	---	---	---	---	---	---	4.0	---	---	---	---	---	5.2	6.5	80.0	3.6	9.7	
286860	(15.2)	(79.0)	---	---	---	---	---	---	3.5	---	---	---	87.5	5.15	2.8	54.4	5.5	6.8	80.9	3.2	(10.6)	
290772	13.9	91.4	54.7	---	---	10.3	---	---	3.45	---	4.1	---	---	---	---	---	5.7	7.1	80.9	3.5	9.8	
290773	---	---	---	---	---	9.8	---	---	---	---	---	---	---	---	---	---	5.7	7.3	80.9	3.6	10.2	
290775	13.2	---	52.3	9.8	8.5	9.5	66.5	47.5	3.25	3.25	3.7	3.7	87.8	5.2	2.7	51.9	5.4	6.7	80.6	---	9.5	
292201	12.6	91.3	57.1	---	---	---	---	---	3.25	3.25	3.8	3.7	85.5	5.2	2.3	44.2	5.2	6.3	82.5	3.2	8.7	
292216	13.2	---	53.0	9.7	8.5	9.6	68.0	54.5	3.45	3.5	3.8	3.8	90.8	4.7	2.25	47.9	5.4	6.6	81.8	---	8.8	
305737	---	---	---	---	---	9.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.6
310358	---	---	---	---	---	8.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.0
310379	---	---	---	---	---	8.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.2
316099	12.8	---	---	---	---	8.8	---	---	3.25	3.2	3.0	3.6	90.3	4.9	2.1	42.9	---	---	---	3.3	8.8	
Specimens...	(15)	(6)	(14)	(11)	(12)	(16)	(11)	(11)	(15)	(15)	(15)	(15)	(15)	(15)	(18)	(18)	(17)	(17)	(17)	(13)	(23)	
Totals...	197.8	---	---	108.9	103.8	168.0	757.0	577.0	49.95	49.95	57.15	55.90	88.5	88.5	44.3	92.4	92.4	113.1	45.25	45.25	210.4	
Averages...	13.2	89.96	54.00	9.9	8.65	9.9	68.82	52.46	3.3	3.3	3.8	3.7	87.40	5.0	2.5	50.06	5.4	6.65	81.70	3.5	9.1	
Minima...	12.6	85.4	51.1	9.4	8.2	9.5	64.0	45.5	3.1	3.05	3.6	3.6	80.2	4.5	2.1	42.9	5.4	6.1	75.0	3.2	8.2	
Maxima...	13.9	95.2	58.7	10.4	9.2	10.4	73.5	64.0	3.65	3.7	4.1	4.0	94.7	5.2	2.8	55.9	5.7	7.3	90.2	3.8	10.2	

2 Near.

Specimens.....	(2)	(1)	(2)	(1)	(2)	(2)	(2)	(3)	(2)	(2)	(2)	(3)	(3)	(3)	(5)	(2)
Totals.....	28.1	.....	20.6	21.1	(2)	143.0	108.0	6.9	10.7	(3)	7.95	12.15	(3)	10.45	(2)	17.15
Averages.....	14.05	.....	10.3	10.6	(2)	71.5	54.0	3.45	3.6	(3)	4.0	4.0	(3)	86.79	(2)	48.80
Minima.....	13.8	.....	9.8	10.4	(2)	68.5	54.0	3.4	3.45	(3)	3.95	3.95	(3)	87.5	(2)	43.1
Maxima.....	14.3	.....	10.8	10.7	(2)	74.5	54.0	3.5	3.7	(3)	4.0	4.2	(3)	88.8	(2)	49.5

DEFORMED ALABAMA: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (gabella and 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	Alveol. Pt. Nasion height (a)	Alveol. Pt. Nasion height (b)
228325.....	U.S.N.M.	Tombigbee River.....	Adult.....	Pronounced frontal occipital flattening.	(16.4)	(15.4)	.....	(93.8)	.....	.....	.....	11,300	.....	.....	7.4
283247.....	do	Lauderdale County.....	do	Pronounced occipital flattening.	(16.4)	(16.4)	(14.8)	(100.0)	(90.2)	(90.2)	15.87	1,610	Moderate	.....	7.8
327290.....	do	Near Town Creek.....	do	do	(16.4)	(16.4)	(14.6)	(100.0)	(89.0)	(89.0)	15.80	1,450	.....	.....	7.5

Catalog No.	Diam. bizygomatic max. (c)	Facial Index, total $\left(\frac{a}{b} \times 100\right)$	Facial Index, upper $\left(\frac{b}{c} \times 100\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Alveolar Angle	Facial Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose, height	Nose, breadth max.	Nasal Index	Upper Alveolar Arch, length, max.	Upper Alveolar Arch, breadth, max.	Upper Alveolar Arch, length, max.	Upper Alveolar Arch, breadth, max.	Lower Jaw, height at Symphysis	Diam., frontal mldm.
228325.....	(14.4)	(87.5)	.....	10.1	9.1	10.1	o	71.5	3.65	3.95	.....	4.1	.....	89.9	5.25	.....	.....	.....	6.9	.....	.....	13.7	.....
283247.....	(14.4)	(87.5)	.....	10.1	10.6	9.0	o	71.5	3.4	3.95	.....	4.0	.....	89.0	5.15	2.55	.....	.....	6.5	.....	.....	4.0	.....
327290.....	(15.0)	(80.0)	.....	10.2	9.1	10.1	o	68.0	3.3	3.95	.....	4.0	.....	88.5	5.0	.....	.....	.....	6.6	.....	.....	3.8	.....

1 Near.
2 Inner breadth; borders not sharp.

UNDEFORMED ALABAMA: FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxium (gabella 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)
327281	U. S. N. M.	Hog Island	30		17.6	13.4		76.1							
327282	do	do	65		17.8	13.7		77.0							
287218	do	Limestone County	Adult		16.4	12.8	13.1	78.1	89.7	102.3	14.10	1,145			
327291	do	Near Town Creek	do		17.0	13.5		79.4							
327283	do	do	do		17.2	13.7		79.7							6.9
327294	do	do	do		17.0	13.8		81.2							
327216	do	Limestone County	do	Slight asymmetry	17.0	14.0	13.8	82.4	89.0	98.6	14.031	1,250			
326845	do	Near Courtland	do		17.1	14.1	14.4	82.5	89.2	102.1	15.20	1,320			7.2
283248	do	Lauderdale County	do		17.1	14.2	13.8	83.0	88.3	97.2	15.03	1,325			7.5
287219	do	Limestone County	do	Slight asymmetry	16.8	14.6	14.0	86.9	89.2	96.9	15.13	1,395	Slight	11.5	7.2
286806	do	Jackson County	do	Slight frontal occipital flattening	16.7	14.6		87.4							7.1
Specimens.					(11)	(11)	(5)	(11)	(5)	(5)	(5)	(7)		(3)	(5)
Totals.					187.7	152.4	69.1	81.25	89.68	99.2	74.39	9,115		35.6	35.9
Averages					17.2	13.9	13.8	81.25	89.68	99.2	14.88	1,302		11.9	7.2
Minima					16.4	12.8	13.1	76.1	88.2	95.9	14.10	1,145		11.5	6.9
Maxima					17.8	14.6	14.4	87.4	92.3	102.3	15.20	1,430		12.2	7.5

CHOCTAW

243885	U. S. N. M.	Near Mobile	50		16.5	13.5	13.5	81.8	90.0	100.0	14.50	1,230			6.8
225283	do	do	25		16.5	13.7	13.0	83.0	86.1	94.9	14.40	1,150			7.0
243884	do	Near Mt. Vernon Arsenal	25		16.0	13.7	13.3	85.6	89.6	97.1	14.33	1,150			7.1
225247	do	Mobile	40		17.0	14.6	14.1	85.9	89.2	96.6	15.23	1,335			
Specimens.					(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)		(2)	(3)
Totals.					66.0	55.5	53.9	84.09	88.72	97.10	58.46	4,865		22.5	20.9
Averages					16.5	13.88	13.48	84.09	88.72	97.10	14.62	1,216.25		11.25	6.97
Minima					16.0	13.5	13.0	81.8	86.1	94.9	14.33	1,150		11.1	6.8
Maxima					17.0	14.6	14.1	85.9	90.0	100.0	15.23	1,335		11.4	7.1

Catalog No.	Diam. Pterygomatic maxim. (c)	Facial Index, total $\left(\frac{a}{100}\right)$	Facial Index, upper $\left(\frac{b}{100}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	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	Diam. frontal minim.	
327281																							2.9		
327282																								3.4	
287218	12.5					10.4																			
327291																									
327293																									
327294																									
287216						10.7																			
286845						8.9																			
286248	13.9					8.7																			
287219	13.3					8.5																			
286806						9.8																			
Specimens.....	(3)	(2)	(2)	(3)	(3)	(5)	(3)	(3)	(3)	(3)	(4)	(3)	(3)	(4)	(3)	(4)	(4)	(4)	(4)	(2)	(2)	(2)	(7)		
Totals.....	39.70			29.6	26.1	51.4	210.5	161.0	10.55	14.05	11.9	15.60	3.9	86.97	90.06	20.65	9.75	20.95	12.9	6.5	79.07	24.5			
Averages.....	13.2			9.9	8.7	10.3	70.2	53.7	3.45	3.5	4.0	3.9	8.7	8.6	8.7	5.2	2.4	47.22	5.2	6.5	79.07	3.5			
Minima.....	12.5			9.6	8.5	9.8	69.5	47.5	3.35	3.45	3.8	3.8	8.1	7.8	8.3	5.1	2.35	45.7	4.9	6.3	74.2	2.9			
Maxima.....	13.9			10.1	8.9	10.7	71.0	59.5	3.5	3.6	4.1	4.0	9.2	9.3	9.3	5.25	2.6	51.0	5.6	9.6	84.1	3.9			

CHOCTAW

243885	12.2			9.4	8.2	9.4	69.00	50.00	3.3	3.4	3.8	3.8	3.8	86.8	89.5	4.8	2.6	54.2	5.4	6.2	87.1	3.1		7.9
225253	13.0			9.8	8.8	9.8	69.50	57.50	3.4	3.4	4.1	4.0	82.9	85.0	85.0	4.8	2.5	52.1	5.6	6.2	90.3	3.1		8.4
243884	12.0			9.8	8.4	9.8	69.00	47.50	3.4	3.6	3.9	3.75	87.2	96.0	96.0	4.9	2.4	49.0	5.6	6.2	90.3	3.1		8.7
225247	12.6			8.8	8.8	10.2			3.6	3.6	3.65	3.45	98.6	98.6	98.6	5.4	2.4	44.4				3.1		9.8
Specimens.....	(4)	(2)	(2)	(3)	(4)	(4)	(3)	(3)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(2)	(2)	(2)	(4)	(4)
Totals.....	49.8			29.0	34.2	39.2	207.5	155.0	13.7	14.0	15.45	15.20	19.9	9.9	9.9	19.9	9.9	11.0	12.4	6.2	88.71	12.8		34.5
Averages.....	12.45			9.67	8.55	9.8	69.17	51.67	3.43	3.5	3.86	3.8	88.86	92.11	92.11	4.98	2.48	49.75	5.5	6.2	88.71	3.2		8.7
Minima.....	12.0			9.4	8.2	9.4	69.0	47.5	3.3	3.4	3.65	3.65	82.9	85.0	85.0	4.8	2.4	44.4	5.4	6.2	87.1	3.1		7.9
Maxima.....	13.0			9.8	8.8	10.2	69.5	57.5	3.6	3.6	4.1	4.0	98.6	98.6	98.6	5.4	2.6	54.2	5.6	6.2	90.3	3.5		9.8

* Inner breadths; borders not sharp.

† +.

1 Near.

DEFORMED ALABAMA: FEMALES

Catalog No.	Collection	Locality	Approximate 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. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)							
286904	U. S. N. M.	Marshall County	Adult	Pronounced occipital flattening.	(16.9)	(15.8)	(13.8)	(95.8)	(93.6)	(87.8)	15.37	1,380	Slight	11.6	7.4							
228324	do	Tombigbee River	do	Pronounced frontal occipital flattening.	(16.0)	(16.6)	(13.4)	(103.8)	(88.8)	(80.7)	15.33	1,280	Medium	12.1	7.6							
Catalog No.	Diam. Bizygomathic max. (c)	Facial Index, total	Facial Index, 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 max.	Nasal Index	Upper Alveolar Arch, length max.	Upper Alveolar Arch, breadth max.	Upper Alveolar Arch, Index	Lower Jaw, height at symphysis	Diam. frontal min.
286904	13.2	87.9	66.1	9.8	8.8	10.0	69.5	53.0	3.35	3.35	3.75	3.85	87.0	88.0	5.1	2.8	45.1	5.5	6.3	87.8	3.3	-----
228324	(14.1)	85.8	63.9	10.6	9.3	10.1	64.5	50.5	3.4	3.3	3.9	3.75	87.2	86.0	5.3	2.8	52.8	5.8	6.8	85.3	3.7	-----

UNDEFORMED MISSISSIPPI: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabella and maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt. - Nasion height (b)
243076	U.S.N.M.	Near Vicksburg	70		18.3	14.7	High.	80.3							
243040	do	do	35	Slight occipital flattening.	19.0	15.4		81.1				(1, 540)			
243054	do	do	50	Slight asymmetry	18.4	15.4	14.8	83.7	87.6	96.1	16.20	1,640			
323517	do	Near Church Hill	60	Slight frontal flattening.	17.6	14.8	14.2	84.1	87.7	96.0	15.53				
323518	do	do	60		17.2	14.9	14.2	86.6	85.8	95.3	15.43			12.1	7.4
243038	do	Near Vicksburg	35	Slight asymmetry											
Specimens					(5)	(5)	(3)	(9)	(8)	(9)	(3)	(1)		(1)	(1)
Totals					90.5	75.2	43.2	83.09	87.89	95.79	47.16				
Averages					18.1	15.0	14.4	80.3	86.8	95.8	15.72				
Minima					17.2	14.7	14.2	86.6	87.7	96.1	15.43				
Maxima					19.0	15.4	14.8				16.20				

¹Near.

UNDEFORMED MISSISSIPPI: MALES—Continued

Catalog 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, Index	Lower Jaw, height at Symphysis	Diam. frontal minhm.
243076.							°								5.4	2.6	48.2					10.0
243040.						10.5																10.4
243054.																						9.9
326517.																						8.7
326518.		86.4	52.9					3.4	3.4	3.8	3.8	3.8	89.5	89.5	5.2	2.5	48.1	5.6	6.6	84.9	3.3	8.8
243038.								3.2	3.25	3.8	3.8	3.7	84.2	87.8	4.4	2.3	52.5				3.3	8.8
Specimens	(2)	(1)	(1)			(1)		(2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(5)	(1)	(1)	(1)	(2)	(6)
Totals.	28.8						°	6.6	6.65	7.6	7.6	7.5	88.67	88.67	15.0	7.4	49.55				7.1	57.2
Averages.	14.4							3.3	3.3	3.8	3.8	3.8	86.54	87.8	5.0	2.5	48.1				3.6	9.5
Minima.	14.0							3.2	3.25	3.8	3.8	3.7	84.2	87.8	4.4	2.3	48.1				3.3	8.7
Maxima.	14.8							3.4	3.4	3.8	3.8	3.8	89.5	89.8	5.4	2.6	52.5				3.8	10.4

DEFORMED MISSISSIPPI: MALES

Catalog 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. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
243043	U.S.N.M.	Near Vicksburg	60	Moderate occipital flattening.	(16.9)	(14.9)		(88.2)				1,450			
243052	do	do	65	Slight frontal, considerable occipital compression.	(16.0)	(15.6)	(14.5)	(97.6)	(91.8)	(98.0)	15.37	1,460			
243055	do	do	40	Slight frontal, moderate occipital flattening.	(17.1)	(15.1)	(15.2)	(88.3)	(94.4)	(100.7)	15.80	1,480		12.2	7.5
243056	do	do	55	Pronounced occipital flattening.	(15.6)	(15.7)		(100.6)						12.1	7.5
243058	do	do	65	Medium occipital flattening.	(17.0)	(15.1)		(88.8)							7.2
243064	do	do	70	Slight frontal, medium occipital flattening.	(17.8)	(15.2)	(15.8)	(85.4)	(95.8)	(104.0)	16.27				7.7
243066	do	do	50	Slight frontal, occipital flattening.	(17.2)	(14.1)	(14.8)	(82.0)	(94.6)	(105.0)	15.37	1,425		12.6	7.6
243067	do	do	50	Slight frontal, considerable occipital flattening.	(16.4)	(15.6)		(95.1)				1,485		12.0	7.2
243068	do	do	55	Pronounced occipital flattening.	(16.6)	(15.5)		(93.4)				1,440			
243069	do	do	75	Slight frontal, pronounced occipital flattening.	(15.6)	(15.2)		(97.4)							
243081	do	do	60	Pronounced occipital flattening.	(15.5)	(15.3)	(14.5)	(98.7)	(94.1)	(94.8)	15.10	1,400		12.1	7.0
243084	do	do	70	Moderate frontal, pronounced occipital flattening.	(18.6)	(15.9)		(85.5)							
243085	do	do	65	Moderate occipital flattening.	(17.6)	(14.7)	High	(83.5)							
243405	do	Washington County	55	Medium occipital flattening.	(17.2)	(15.6)	(14.4)	(90.7)	(87.6)	(92.3)	15.75	1,485			7.3

¹ Near.

DEFORMED MISSISSIPPI: MALES—Continued

Catalog 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 (a)	Alveol. Pt.-Nasion height (b)
263406	U.S.N.M.	Washington County	70	Slight frontal, pronounced occipital flattening.	(16.7)	(14.8)	(13.7)	(88.6)	(87.0)	(92.6)	15.07	1,460			
328507	do	Near Church Hill	65	Moderate frontal, occipital flattening.	(16.4)	(15.9)	(14.5)	(97.0)	(89.8)	(91.2)	15.60	1,535		11.8	6.9
328519	do	do	35	Moderate occipital flattening.	(16.6)	(14.8)	(14.4)	(89.2)	(91.7)	(97.3)	15.27				7.3
328521	do	do	65	Very pronounced occipital flattening.	(15.6)	(16.9)	(14.0)	(108.2)	(86.2)	(82.8)	15.50	1,430			
Specimens					(18)	(18)	(10)	(18)	(10)	(10)	(10)	(11)		(6)	(10)
Totals					300.4	275.9	145.8	91.84	91.50	96.77	155.05	16,050		72.8	73.2
Averages					16.7	15.3	14.6	82.0	86.7	89.8	15.51	1,459.1		12.1	7.3
Minima					15.5	14.1	13.7	108.3	85.8	82.8	15.07	1,409		11.8	6.9
Maxima					18.6	16.9	15.8		95.8	105.0	15.80	1,555		12.6	7.7

Catalog No.	Diam. Bizygomatic maxirn. (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	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 maxirn.	Nasal Index	Upper Alveolar Arch, length maxirn.	Upper Alveolar Arch, breadth maxirn.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	Diam. frontal minirn.	
243043	13.7								3.75	3.5	3.8	4.0	98.7	87.5	5.0	2.2	44.0				3.7	9.9	
243052	14.6	85.6	61.4	10.2	9.5	10.9	57.5	72.5	3.6	3.7	3.75	3.75	96.0	96.0	5.2	2.5	48.1	7.1	77.5	77.5	3.7	10.0	
243055	14.6	82.9	61.4	10.9	9.5	10.9	57.5	72.5	3.5	3.6	3.9	3.9	94.9	94.9	5.3	2.8	63.9	6.9	84.1	84.1	3.5	9.6	
243056	14.6	82.9	61.4	10.9	9.5	10.9	57.5	72.5	3.5	3.5	4.1	4.1	86.4	86.4	5.0	2.4	48.0	6.4	84.4	84.4	3.5	10.5	
243058	14.0		55.0						3.7	3.8	4.2	4.0	88.1	95.0	5.1	2.8	64.9	5.4	83.1	83.1	3.7	10.3	
243064	14.2	88.7	63.5	10.3	9.0	10.6	70.0	90.5	3.6	3.7	3.6	3.6	100.0	87.3	5.4	2.6	62.0	7.2	80.6	80.6	3.7	9.7	
243066	14.5	82.8	49.7						3.6	3.7	3.6	3.6	100.0	87.3	5.0	2.6	62.0	5.8	80.6	80.6	3.4	9.9	
243067	14.5	82.8	49.7						3.6	3.7	3.6	3.6	100.0	87.3	5.0	2.6	62.0	5.8	80.6	80.6	3.4	9.9	
243068									3.15	3.15	3.7	3.7	86.1	86.1	5.0	2.6	62.0				2.6	9.5	
243069									3.5	3.5	4.0	3.9	89.7	89.7	5.0	2.6	62.0				2.6	9.4	
243081	14.7	82.5	47.6	9.8	8.6	9.2	64.0	50.0	3.25	3.5	4.0	3.9	81.5	81.5	5.4	2.8	61.9				3.4	10.4	
243084									3.25	3.25	3.75	3.75	86.7	86.7	5.35	2.8	62.5				3.4	10.4	
243085	13.9								3.25	3.25	3.75	3.75	86.7	86.7	5.35	2.8	62.5	7.1	88.1	88.1	3.4	9.7	
243405																							
243406																							
326507									3.3	3.3	3.8	3.8	86.8	86.8	5.0	2.5	60.0	5.9	71.1	71.1	3.4	9.4	
326509									3.4	3.4	3.7	3.7	91.9	91.9	5.0	2.5	60.0				3.4	9.5	
326821									3.4	3.4	3.7	3.7	91.9	91.9	5.0	2.5	60.0				3.5	9.2	
																						3.6	9.8
																						3.6	9.8
Specimens	(8)	(5)	(6)	(5)	(5)	(8)	(5)	(5)	(10)	(10)	(5)	(10)	(5)	(10)	(12)	(12)	(12)	(6)	(6)	(6)	(10)	(18)	
Totals	114.2	87.06	61.89	51.6	45.5	81.8	328.5	207.5	17.55	35.15	19.35	38.45	90.70	91.42	61.95	31.4	33.8	41.2	35.5	35.5	35.5	177.8	
Averages	14.3	87.06	61.89	10.3	9.1	10.2	65.7	53.5	3.5	3.5	3.9	3.8	90.70	91.42	5.2	2.6	60.69	5.6	6.9	6.9	3.6	9.9	
Minima	13.7	82.3	47.6	9.8	8.6	9.2	57.5	42.5	3.15	3.15	3.6	3.6	81.5	85.5	5.0	2.2	44.0	5.4	6.4	6.4	3.4	9.2	
Maxima	14.7	88.7	65.0	10.7	9.5	10.9	71.0	72.5	3.75	3.8	4.2	4.1	100.0	97.3	5.4	2.8	64.9	7.2	84.4	84.4	3.7	10.5	

1 Near.

Catalog 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	Diam. frontal minm.
243039	13.4		46.5				°	3.5		3.45	4.1	4.0	85.4	86.3	4.7	2.5	53.2	5.3	6.2	85.5		9.4
331046																						8.7
326506																						8.8
243078																						9.4
331044																						9.2
331045																						9.4
Specimens																						(5)
Totals	(1)		(1)					(1)		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	45.5
Averages																						8.1
Minima																						8.7
Maxima																						8.4

1 Near.

DEFORMED MISSISSIPPI: FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (gibbella 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	Men-ton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
243062	U.S.N.M.	Near Vicksburg	30	Slight frontal occipital.	(16.1)	(15.6)		(96.9)						11.6	7.0
243051	do.	do.	70	Pronounced frontal occipital flattening.	(15.0)	(15.6)		(104.0)				1,210		111.7	7.0
243048	do.	do.	50	Slight frontal pronounced occipital flattening.	(15.6)	(14.1)	(13.4)	(90.4)	(90.2)	(95.0)	14.37	1,220			
243072	do.	do.	70	Marked frontal occipital flattening.	(16.0)	(15.4)		(96.5)				1,370			
243073	do.	do.	60	Slight frontal pronounced occipital flattening.	(14.8)	(15.8)		(106.8)							
243044	do.	do.	70	Medium occipital flattening.	(15.5)	(14.3)		(92.5)							
243047	do.	do.	20	Pronounced occipital flattening.											7.0
243049	do.	do.	60	do.	(15.8)	(15.4)	(14.4)	(97.6)	(92.5)	(92.6)	15.20	1,435		11.8	7.1
243050	do.	do.	75	do.	(15.7)	(15.2)	(14.1)	(96.8)	(91.5)	(92.8)	15.00				
243053	do.	do.	30	do.	(15.0)	(14.7)	(14.0)	(98.0)	(94.5)	(95.2)	14.57	1,260		11.8	7.3
243057	do.	do.	50	Moderate occipital flattening.	(16.9)	(14.0)	(13.4)	(82.8)	(86.7)	(95.7)	14.77				
243061	do.	do.	55	Pronounced occipital flattening.	(15.2)	(15.2)		(100.0)							7.0
243065	do.	do.	45	Slight frontal occipital flattening.	(15.9)	(14.6)		(91.8)							7.1
243074	do.	do.	45	Pronounced occipital flattening.	(15.2)	(14.9)	(13.6)	(98.0)	(90.4)	(91.5)	14.57				6.8
243075	do.	do.	65	Medium frontal occipital flattening.	(15.8)	(14.9)		(94.3)				1,250			
243079	do.	do.	45	Pronounced occipital flattening.	(15.4)	(15.2)		(98.7)							
243082	do.	do.	50	Medium occipital flattening.	(15.6)	(14.8)		(94.9)							7.3

243083	do	do	70	Pronounced occipital flattening, frontal flattening.	(14.9) (14.9)	(100.0)														
243086	do	do	50	Moderate frontal pronounced occipital flattening.	(16.6) (15.6)	(94.0)														
317,591	do	Walls	50	Medium frontal occipital flattening.	(16.4) (14.6)	(88.0)	(14.7)	(94.8)	(100.7)	15.23	1,300	12.1	7.8							
317,593	do	do	45	Slight frontal moderate occipital flattening.	(16.5) (14.5)	(87.9)	(13.2)	(85.2)	(91.0)	14.73	1,300	6.6	6.6							
317,594	do	do	60	Slight frontal moderate occipital flattening.	(15.8) (14.9)	(84.5)	(13.8)	(83.9)	(92.6)	14.83	1,210	7.1	7.1							
317,595	do	do	35	Slight frontal pronounced occipital flattening.	(15.4) (15.4)	(100.0)	(14.0)	(90.9)	(90.9)	14.93	1,380									
326,510	do	New Church Hill	65	Medium occipital flattening.	(16.5) (15.2)	(92.1)														
326,513	do	do	60	Moderate frontal pronounced occipital flattening.	(15.7) (15.5)	(98.7)	(14.3)	(91.7)	(92.5)	15.17										
349,933	do	Woodbine Mound, Yazoo County.	45	Moderate frontal occipital flattening.																6.8

Specimens
Totals
Averages
Minima
Maxima

(24) (24)
377.30 60.3
15.7 15.0
14.8 14.0
16.9 15.8

(11)
152.9
13.9
13.2
14.7

(94)
96.42
82.8
106.8

(11)
90.69
86.5
94.8

(11)
163.37
14.85
14.37
15.23

(10)
12,935
1,293.5
1,210.0
1,435

(5)
59.0
11.8
11.6
12.1

(13)
91.9
7.1
6.6
7.8

Catalog No.	Diam. Bizyromantic	Facial Index, total	Facial Index, upper	Basion-Alveolar Pt.	Basion-Subnasal Pt.	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	Diam. frontal minim.
243082																		
243081	13.8	84.8	60.7			3.1	3.7	4.0	88.8	77.5	4.8	2.6	51.8				3.5	9.5
243048				9.6		3.2	3.95		81.0		4.9	2.8	57.1				3.3	8.3
243072																	3.8	8.1
243073						3.4	3.65		95.2		4.9	2.5	61.0					8.0
243044																		8.0
243047																		8.2
243049	13.7	86.1	51.8	8.2	9.5	3.5	3.95	4.0	95.7	87.5	4.9	2.4	49.0	6.5	78.6	6.7	3.1	9.3
											5.1	2.5	49.0	5.5	82.1	8.1		

1 Year.

DEFORMED MISSISSIPPI: FEMALES—Continued

Catalog No.	Diam. Bizygomatic max (c)	Facial Index $\left(\frac{a \times 100}{c}\right)$ total	Facial Index $\left(\frac{b \times 100}{c}\right)$ 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 max.	Nasal Index	Upper Alveolar Arch, length max.	Upper Alveolar Arch, breadth max.	Upper Alveolar Arch, <i>Index</i>	Lower Jaw, height at Symphysis	Diam. frontal min.	
243050	13.4	88.1	54.5	9.9	8.6	9.6	65.5	51.5	3.35	3.45	3.75	3.6	89.3	95.8	5.0	2.3	46.0	5.8	6.9	84.1	3.9	9.5	
243053									3.6		4.1		87.8		5.0	2.6	52.0					9.4	
243057															5.2	2.5	48.1	5.6	6.8	82.4		9.4	
243061									3.65	3.65	3.65	3.6	100.0	101.4	5.0	2.5	60.0	5.3	6.3	84.1		9.3	
243065	13.6		52.2						3.4		4.0		85.0		4.9	2.6	53.1	5.6	6.5	86.2	3.25	10.2	
243074																						9.4	
243075	12.9																						
243079																							
243082																							
243083									3.55			3.95		89.9								9.2	
243086																						9.9	
243088																						9.9	
243093									3.45	3.45	3.95	3.95	87.3	87.3	5.6	2.7	48.2	5.7	6.9	82.6	3.5	8.8	
317 501	14.1	85.8	55.9	10.0	9.0	10.2	68.5	57.5	3.25	3.4	3.9	3.8	83.3	89.5	4.65	2.8	60.2	5.2	6.6	73.8		9.8	
317 503									3.3	3.3	3.8	3.7	86.8	89.2	4.8	3.0	62.5	5.7	6.7	85.1		9.0	
317 504									3.3	3.3	3.8	3.7	86.8	89.2	4.8	3.0	62.5	5.7	6.7	85.1		9.7	
317 505									3.3	3.3	3.9	3.8	83.3	86.8	4.6	2.5	54.4	5.2	6.4	81.3	3.0	9.4	
326 510									3.25	3.3	3.9	3.8	83.3	86.8	4.6	2.5	54.4	5.2	6.4	81.3	3.0	9.4	
326 513																							
349 953																							
Specimens	(9)	(4)	(7)	(4)	(4)	(6)	(4)	(4)	(12)	(10)	(12)	(10)	(12)	(10)	(14)	(14)	(14)	(10)	(10)	(10)	(10)	(9)	(20)
Totals	121.5			38.9	34.2	37.6	270.0	214.5	40.65	34.2	46.3	38.2	87.80	82.55	69.35	36.3	52.37	54.7	66.3	82.50	30.55	188.2	
Averages	13.5			9.7	8.6	9.6	67.5	53.7	3.4	3.4	3.9	3.6	87.80	82.55	4.95	2.6	52.37	5.5	6.6	82.50	3.4	9.4	
Minima	12.6			8.2	8.0	8.5	65.5	47.5	3.1	3.1	3.65	3.0	81.0	77.5	4.0	2.3	46.0	5.3	6.3	73.5	3.1	8.8	
Maxima	14.1			10.0	9.0	10.2	69.5	58.0	3.7	3.65	4.1	4.0	100.0	101.4	5.6	3.0	62.5	5.8	6.9	86.2	3.9	10.2	

UNDEFORMED ARKANSAS: MALES

Catalog 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. (Hrdlička's method)	Teeth, wear	Men height (a) - Nasion	Alveol. height (b) - Nasion
362445	U. S. N. M.	Cedar Grove Cave.	70		19.0	13.7	13.8	72.1	81.4	100.7	15.50	1,500		12.4	7.4
253177	do.	Mississippi County	50		18.0	13.0	14.0	73.9	89.5	103.3	15.10	1,530		12.5	7.7
262539	do.	Cross County	60	Slight frontal	18.7	14.0	14.4	74.9	88.1	102.9	15.70	1,550		12.7	7.5
258749	do.	do.	45		19.4	14.7	14.2	75.8	83.2	95.5	16.10	1,500		12.7	7.6
258757	do.	do.	50		17.9	13.7	14.2	76.5	89.9	103.7	15.27	1,400		12.3	7.1
258750	do.	do.	60		18.0	13.8	High	76.7							
243165	do.	Pecan Point, Mississippi County.	50-60		18.2	14.0	Fair	76.9							
262546	do.	Mississippi County.	30	Moderate frontal	17.4	13.4	14.2	77.0	92.2	106.0	15.00	1,410		11.9	7.4
255178	do.	do.	70	do.	18.5	14.3	14.0	77.3	85.4	97.9	15.60	1,510		13.1	8.2
114022	do.	Miller Mound, Little River.	40		18.0	14.0	14.3	77.8	89.4	102.1	15.43	1,490		13.1	8.2
362442	do.	Cedar Grove Cave.	28		18.0	14.0	High	77.8	89.9	102.2	15.27	1,550		11.6	6.9
261820	do.	Cross County	35		17.7	13.9	14.2	78.5	90.8	103.0	14.73	1,410		11.9	7.2
262560	do.	Mississippi County	30		17.0	13.4	13.8	78.8	89.8	100.8	14.73	1,295		12.1	7.8
243171	do.	Pecan Point, Mississippi County.	50-60		17.9	14.2	14.3	79.3	89.1	100.7	15.47	1,445		12.3	7.8
261784	do.	Cross County	35	Slight frontal	17.6	14.0	14.1	79.6	89.2	100.7	15.23	1,410		12.3	7.4
243162	do.	Draw County	50		18.1	14.4	(?) Good	79.5	89.5	109.7	15.77	(?)			
261783	do.	Poinsett County	50		18.2	14.5	14.6	79.7	89.5	109.7	15.77	1,570		12.9	7.9
258759	do.	Cross County	55		17.2	13.8	14.6	80.2	94.2	105.8	15.20	1,395		12.9	7.4
197828	do.	do.	35	Broader elliptical	17.1	13.8	14.4	80.7	93.2	104.4	15.10	1,295		12.6	7.4
262337	do.	Lee County	70		17.3	14.0	13.6	80.9	86.9	97.1	14.97	1,295		12.6	7.8
243148	do.	Draw County	60-70		18.3	14.9	14.0	81.4	84.3	94.0	15.73			12.3	7.6
263712	do.	Bassett, Mississippi County.	50-60	Or very slight frontal	17.4	14.2	14.1	81.6	89.2	99.3	15.23			12.3	7.6
276844	do.	Mississippi County	35	Slight frontal	18.0	14.7	14.5	81.7	88.7	93.6	15.73	1,550		13.3	8.1
262540	do.	do.	60	Slight frontal small asymmetry.	16.7	13.7	13.8	82.0	90.8	100.7	14.73	1,355		11.8	6.9
268762	do.	Cross County	50	Moderate frontal	17.5	14.4	14.4	82.5	90.5	100.0	15.43	1,510		12.7	7.7
243173	do.	Pecan Point, Mississippi County.	50	Very slight compression.	17.7	14.6	15.3	82.5	94.7	104.8	15.87	1,460		12.7	7.8

1 Near.
 2 Large, probably over 1,600.
 3 Between 13.6 and 13.9.

UNDEFORMED ARKANSAS: FEMALES—Continued

Catalog No.	Collection	Locality	Approximate 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. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt. Nasion height (b)
255149	U. S. N. M.	Boys Field, Union County.	50		17.3	14.3	13.5	82.7	85.4	94.4	15.03	(?)		11.3	6.9
261819	do	Gross County	60		17.2	14.3	13.6	83.1	86.4	95.1	15.03	11,330		11.3	6.9
255126	do	Boys Field, Union County	30-35		17.6	14.8	14.0	84.1	86.4	94.6	15.47	(?) Fair		12.2	7.3
258755	do	Gross County	35	Moderate frontal+ compression.	17.6	14.8	13.8	84.1	85.2	93.2	15.40	11,460			7.2
243141	do	Bradleys Landing	55-65	Very slight frontal compression.	17.2	14.5	Good	84.3							
262543	do	Mississippi County	60	Slight frontal.	17.6	14.9	14.1	84.7	86.8	94.6	15.53	1,465		12.9	7.2
262567	do	do	50	do	17.3	14.8	High	84.6				1,420		12.8	7.5
249915	do	Near Menard Mound, Arkansas	50-60	do	17.8	15.4	14.3	86.6	86.1	92.9	15.83	1,425		12.4	7.7
243145	do	Drew County	35-40	Very slight lateral occipital compression.	17.5	15.3	Good	87.4							
255119	do	Boys Field, Union County	40		16.7	14.7	14.1	83.0	82.8	95.9	15.17	1,475		11.6	6.9
243154	do	Drew County	30		16.5	14.7	Fair	89.1						12.1	7.5
249919	do	Near Greer, Jefferson County.	55-60	(?) not flathead	16.5	14.8	14.5	89.7	93.3	98.6	15.30	1,345			
Specimens					(38)	(38)	(30)	(88)	(30)	(50)	(30)	(27)		(23)	(28)
Totals					671.6	542.7	424.8	86.81	86.68	99.44	490.92	39,100		283.6	209.4
Averages					17.7	14.3	14.2	80.81	86.68	99.44	16.56	1,448		12.3	7.5
Minima					16.5	13.3	13.0	78.1	83.2	93.9	14.73	1,295		11.3	6.9
Maxima					19.4	15.4	14.6	89.7	94.7	106.0	16.10	1,570		13.3	8.2

Catalog No.	Diam. Pterygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{8 \times 100}\right)$	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 maxm.	Nasal Index	Upper Alveolar Arch, length maxm	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	Diam. frontal minm.	
302445	14.0	83.6	52.9	10.3	9.4	10.4	70.0	53.5	3.5	3.6	4.1	4.1	85.4	87.8	5.4	2.0	43.2	5.8	6.5	82.2	3.4	9.9	
255177	14.0	85.0	55.0	10.3	9.4	11.0	74.0	62.5	3.7	3.5	4.1	4.0	89.0	92.6	3.7	2.7	47.4	5.6	6.7	83.6	---	9.2	
262539	13.5	91.1	56.6	10.0	9.2	10.2	68.0	62.0	3.9	3.5	4.05	4.05	96.5	97.6	3.3	2.5	49.1	5.8	6.8	---	---	9.4	
258749	13.9	91.4	54.7	10.2	8.9	10.6	72.0	50.5	3.5	3.5	4.0	3.9	87.5	89.7	3.4	2.5	47.2	5.4	6.5	85.3	---	9.0	
258757	13.5	91.1	52.6	9.8	8.7	10.2	71.5	55.0	3.4	3.4	3.5	3.5	87.1	87.1	4.75	2.6	64.7	5.8	6.5	---	---	9.0	
258750	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.6
237550	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.6
243165	13.1	90.8	56.5	9.7	8.8	10.6	75.0	60.0	3.7	3.75	3.9	3.7	94.9	101.4	3.25	2.55	48.6	5.2	6.2	83.9	---	9.2	
262546	13.7	---	---	---	---	---	---	---	3.85	3.8	4.0	3.9	96.5	97.4	3.6	2.6	46.4	5.6	6.8	---	---	9.2	
255178	13.7	---	---	---	---	---	---	---	3.65	3.75	3.85	3.8	94.8	98.7	5.0	2.8	50.0	5.6	6.8	---	---	9.5	
114022	13.5	97.0	60.7	---	8.4	10.3	---	---	3.2	3.2	3.6	3.6	88.9	88.9	5.0	2.3	46.0	5.6	6.8	82.4	3.9	10.1	
302412	14.3	81.1	48.3	---	---	---	---	---	3.2	3.2	3.9	3.8	82.1	84.2	5.2	2.8	53.9	5.4	6.8	79.4	3.6	8.9	
261920	14.0	85.0	51.4	10.8	9.7	10.8	70.0	53.0	3.4	3.7	3.8	3.7	89.6	100.0	5.7	2.5	43.9	5.7	6.8	83.8	---	9.0	
262560	13.6	89.0	57.4	10.2	9.1	10.0	66.0	52.5	3.4	3.7	3.8	3.7	86.5	100.0	5.7	2.5	43.9	5.8	6.9	84.1	---	9.2	
243171	13.9	88.5	53.2	9.8	8.8	10.2	71.0	55.5	3.7	3.6	3.7	3.65	91.3	94.9	5.5	2.75	50.0	5.5	6.9	79.7	---	9.5	
261784	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.7
243162	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.2
261783	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.2
258759	13.9	92.8	56.8	10.1	9.0	10.1	66.5	58.5	3.65	3.6	3.9	3.9	93.6	92.5	5.3	2.5	47.2	6.0	7.1	84.6	---	9.2	
197828	13.5	94.8	54.8	10.4	9.0	10.4	68.0	49.0	3.4	3.4	3.75	3.75	90.7	90.7	5.7	2.6	45.6	6.0	6.9	87.0	---	9.1	
202537	13.4	94.0	53.2	10.4	8.9	10.9	70.5	55.5	3.7	3.65	3.95	3.95	93.7	93.6	5.45	2.75	50.5	5.7	6.7	86.1	---	9.4	
243148	---	---	---	---	---	---	---	---	3.4	3.4	3.75	3.75	90.7	90.7	5.6	2.8	50.0	5.7	6.7	---	---	9.4	
253712	14.6	81.5	52.1	10.5	9.5	10.7	70.5	55.5	3.4	3.5	4.2	4.1	81.0	86.6	5.45	2.7	49.5	5.6	7.2	77.8	3.5	10.2	
276614	14.4	92.4	56.5	10.8	9.4	10.7	67.0	53.0	3.55	3.55	3.9	3.9	91.0	91.0	5.4	2.7	60.0	6.3	7.0	90.0	---	8.4	
262549	13.2	89.4	52.5	9.9	8.6	10.0	70.5	49.5	3.6	3.7	4.05	4.05	88.9	94.9	4.8	2.65	55.2	5.6	7.0	---	---	9.5	
265762	14.4	88.2	55.6	10.2	9.0	10.0	61.5	49.0	3.65	3.7	3.9	3.9	93.6	94.9	5.8	2.95	60.9	5.8	7.0	82.9	---	9.5	
243173	---	---	---	---	---	---	---	---	3.5	3.5	3.4	3.4	93.5	91.9	(5.6)	(2.4)	(42.9)	1.5	7.0	81.4	---	10.2	
255149	13.7	82.5	50.4	10.0	8.5	10.4	73.5	57.5	3.5	3.3	4.0	4.0	93.5	82.5	4.7	2.4	51.1	5.7	6.1	88.5	3.9	8.7	
261819	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.7
255126	14.3	85.5	51.0	10.7	9.7	11.3	72.0	56.0	3.5	---	4.1	---	85.4	---	5.2	2.8	53.8	(5.2)	6.6	---	---	10.0	
258755	14.2	---	---	---	---	---	---	---	3.65	---	4.0	---	91.5	---	5.4	2.75	60.9	5.5	6.6	---	---	9.5	
243141	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.8
262543	13.4	93.5	58.7	10.0	8.8	10.4	72.0	54.5	3.6	3.65	3.85	3.8	93.5	96.1	4.85	2.6	53.6	---	---	---	---	9.4	

1 Near.
4 Submedium.

UNDEFORMED ARKANSAS: MALES Continued

Catalog 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	Diam. frontal, minm.
23527	14.1	90.6	83.9	10.7	9.8	11.4	74.0	60.0	3.45	3.4	4.1	4.0	84.2	85.0	4.4	2.7	50.0	5.7	7.1	80.3	3.4	9.3
246015	14.6	84.9	82.7	10.7	9.8	11.4	74.0	60.0	3.45	3.4	4.5	4.55	76.7	74.7	3.45	2.75	50.6	5.8	13.9	84.1	3.4	9.8
243145	13.8	84.1	80.0	10.0	8.9	10.2	71.0	51.0	3.45	3.6	4.0	3.95	86.3	91.1	5.0	2.55	61.0	5.5	6.2	88.7	3.6	10.2
243164	13.7	83.3	84.7	10.5	8.95	10.2	71.0	51.0	3.2	3.2	3.9	3.85	82.1	83.1	5.45	2.7	49.5	5.8	6.55	88.6	3.3	9.8
249919	14.5		84.7	10.5	8.95	10.2	71.0	51.0	3.2	3.2	3.9	3.85	82.1	83.1	5.0	2.5	50.0	5.8	6.55	88.6	3.3	10.15
Specimens.	(28)	(23)	(26)	(27)	(28)	(27)	(21)	(21)	(28)	(27)	(28)	(27)	(28)	(27)	(30)	(30)	(30)	(23)	(23)	(23)	(9)	(36)
Totals.	388.7	234.4	235.15	281.1	235.15	281.1	1,476.5	1,165.0	98.0	95.55	110.75	104.8	89.39	91.17	153.7	79.55	130.6	155.25	130.6	155.25	32.5	33.31
Averages.	13.9	88.93	83.76	10.2	9.0	10.4	70.3	55.5	3.5	3.5	4.0	3.9	89.39	91.17	5.3	2.65	49.81	5.7	6.4	84.12	3.6	9.25
Minima.	13.1	81.1	83.3	9.5	8.4	10.0	61.5	49.0	3.15	3.2	3.5	3.5	76.7	74.7	4.7	2.3	43.9	5.2	6.1	77.8	3.3	8.4
Maxima.	14.6	97.0	60.7	10.8	9.8	11.4	75.0	62.5	3.9	3.8	4.2	4.55	100.0	101.4	5.7	2.95	55.2	6.3	7.2	90.0	3.9	10.7

DEFORMED ARKANSAS: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabelle 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)
197829	U.S.N.M.		75	Slight fronto-occipital flattening.	(17.6) (14.3)	(14.3)	(14.3)	(81.8)	(89.7)	(100.0)	15.40	1,555			
243142	do.	Drew County	55	Moderate occipital flattening.	(17.2) (15.7)	(15.1)	(15.1)	(91.3)	(91.8)	(96.2)	16.00	1,600		7.4	
243147 ¹	do.	do.	50-55	do.	(16.4) (15.3)	(14.5)	(14.5)	(92.3)	(91.5)	(94.8)	15.40				
243157	do.	do.	55	Slight occipital flattening	(17.1)									7.6	
243164	do.	do.	50-60	Considerable occipital moderate frontal flattening.	(18.2) (15.6)	(14.4)	(14.4)	(85.7)	(85.2)	(92.3)	16.07	1,590			
243167	do.	Pecan Point, Mississippi County.	35-40	Pronounced fronto-occipital flattening.	(16.0) (15.9)	(14.2)	(14.2)	(99.4)	(89.0)	(89.3)	15.37	1,420			
243168	do.	do.	50	Moderate occipital flattening.	(16.2) (15.8)	(14.7)	(14.7)	(97.5)	(91.9)	(93.0)	15.57				
243172	do.	do.	45	Slight occipital flattening.	(16.9) (14.6)	(15.1)	(15.1)	(86.4)	(95.9)	(103.4)	15.53			7.6	
243176	do.	do.	Young adult.	do.	(16.7) (15.4)	(14.6)	(14.6)	(92.2)	(91.0)	(94.8)	15.57				
247348	do.	do.	do.	Pronounced fronto-occipital.	(15.6) (16.8)			(107.7)							
247349	do.	do.	do.	do.	(15.6) (14.8)			(94.9)							
255123	do.	do.	Adult.	Moderate occipital flattening.	(16.9) (14.6)			(86.4)				Medium		12.0	7.1
255124	do.	Boys Field, Union County.	35-40	Medium fronto-occipital flattening.	(16.4) (15.7)	(14.3)	(14.3)	(95.7)	(89.1)	(91.1)	15.47	1,480			7.1
255127	do.	do.	45	Very slight frontal flattening.	(15.9) (15.4)	(14.6)	(14.6)	(96.9)	(93.3)	(94.8)	15.30	1,455		11.7	6.9
255127	do.	do.	20	considerable occipital flattening.											
255128	do.	do.	35-40	Medium occipital flattening.	(16.2) (15.9)			(98.2)							
255141	do.	do.	55-60	Moderate occipital flattening.	(17.6) (15.1)	(14.8)	(14.8)	(86.8)	(90.6)	(98.0)	15.83	1,670		11.5	6.8
255145	do.	do.	50	Pronounced occipital flattening.	(17.3) (15.7)			(90.8)				Medium			

¹ Some doubt as to sex.

¹ Menton-Nasion height restored where teeth worn.

DEFORMED ARKANSAS: MALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maximum. (Klabella ad 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-height (a)	Alveol. Pt.-Nasion height (b)
255150	U. S. N. M.	Boys Field, Union County.	45	Moderate lateral occipital flattening.	(17.7)	(14.8)	(14.3)	(83.6)	(83.0)	(96.6)	15.60	1,470		11.7	7.3
255152	do.	do.	55	Pronounced fronto-occipital flattening.	(16.9)	(16.1)	(14.5)	(95.8)	(87.9)	(90.1)	15.83	Fair		12.0	7.2
258752	do.	Cross County	30	Slight fronto-occipital.	(17.7)	(14.6)		(82.5)							
258754	do.	do.	35	Medium frontal slight occipital.	(17.4)	(14.8)	(14.4)	(85.1)	(88.4)	(97.3)	15.53	1,485		13.4	7.8
259298	do.	Lawrence County	60	Medium fronto-occipital.	(17.0)	(14.4)	(14.2)	(84.7)	(90.5)	(98.6)	15.20	1,410			
259299	do.	do.	55	Pronounced occipital.	(15.2)	(15.7)	(14.6)	(103.3)	(94.5)	(93.0)	15.17	1,370		11.8	6.8
258786	do.	Poinsett County	40	Medium frontal.	(16.6)	(13.9)	(13.8)	(83.7)	(90.5)	(99.3)	14.77	1,415			7.5
261791	do.	do.	35	Medium frontal slight occipital.	(17.1)	(14.9)	(15.0)	(87.1)	(85.8)	(100.7)	15.57	1,510		12.1	7.2
261796	do.	do.	30	Medium fronto-occipital.	(16.4)	(14.8)	(14.6)	(90.2)	(85.6)	(98.7)	15.27	1,450			
261831	do.	St. Francis County	60	Slight fronto-occipital.	(16.7)	(14.0)	(14.0)	(83.3)	(91.2)	(100.0)	14.90	1,400		12.9	7.9
262541	do.	Poinsett County	28	Slight occipital.	(16.5)	(14.0)	(14.2)	(94.9)	(85.1)	(101.4)	14.90	1,315		12.4	7.6
262542	do.	Mississippi County	45	Slight fronto-occipital.	(17.0)	(14.6)	(14.4)	(86.9)	(91.1)	(93.6)	15.33	1,380		13.0	7.9
262550	do.	do.	60	Medium fronto-occipital.	(17.1)	(14.6)	(14.0)	(85.4)	(83.3)	(95.9)	15.23	1,410		12.2	7.5
262551	do.	do.	50	Moderate fronto-occipital.	(16.0)	(15.4)	(13.6)	(96.3)	(86.6)	(83.3)	15.00	1,370			7.6
262563	do.	do.	75	Slight fronto-occipital.	(17.4)	(14.6)	(13.9)	(85.9)	(86.9)	(95.2)	15.30	1,425			
262565	do.	do.	45	Medium frontal slight occipital.	(16.5)	(14.4)	(13.8)	(87.3)	(89.3)	(95.8)	14.90	1,380			7.6
262568	do.	do.	55	Moderate fronto-occipital.	(17.6)	(15.2)	(14.8)	(86.4)	(90.2)	(97.4)	15.87	1,610		12.9	7.8

262574	do	55	Medium fronto-occipital.	(17.2)	(15.2)	(88.4)	1,450	12.4	7.5
262575	do	45	Pronounced frontal.	(17.6)	(14.6)	(83.0)	1,465	12.8	8.0
272542	Red River, Miller County.	75	Pronounced fronto-occipital.	(18.2)	(15.8)	(86.8)	1,520	12.8	8.1
272544	do	60	do	(16.7)	(15.4)	(92.2)	1,420	12.5	7.5
272546	do	45	Medium fronto-occipital.	(17.8)	(15.0)	(84.8)	1,410	11.9	7.2
272547	do	30	do	(17.5)	(14.2)	(81.1)	1,500	11.9	7.2

Specimens

Averages	(40)	(39)	(32)	(32)	(28)
Minima	675.6	587.6	456.7	492.91	40,885
Maxima	16.9	15.1	14.3	16.40	1,400.2
	15.2	13.9	13.2	81.1	1,315
	18.2	16.8	15.1	107.7	1,670
				89.37	
				77.7	
				103.4	
				96.9	
				101.4	

Catalog 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, height at Symphysis	Diam. frontal minm.
197829	14.4						°		2.45	2.55	3.8	3.75	64.6	68.0	5.8	2.95	60.9				0.3
243142	14.2						°		3.45	3.5	3.9	3.9	88.6	89.7	5.5	2.7	49.1				9.7
243147			52.1	9.7	8.8	10.4	73.5	57.0													9.4
243157									3.35	3.3	3.8	3.7	88.2	89.2	5.4	2.75	60.9	5.8	6.9	84.1	9.1
243164																					8.9
243167																					9.1
243168																					8.9
243172																					8.9
243176	14.3		53.1	10.0	9.0	9.5	70.0	58.0	3.6	3.55	3.65	3.7	88.6	96.0	5.3	2.45	46.2	5.8	7.4	78.4	0.6
247248																					9.4
247349																					9.4
255123																					9.4
255124	14.0																				9.4
255127	13.3		88.0	10.4	9.0	10.0	66.0	48.0	3.8	3.7	4.0	3.95	95.0	93.7	4.8	2.45	49.0	6.0	6.5	81.6	9.8
255127									3.1	3.15	3.9	3.75	79.6	84.0	4.8	2.35	49.0	5.4	6.7	80.6	9.7
255126									3.65	3.55	4.0	4.05	91.5	87.8	4.85	2.45	60.6	5.8	7.1	78.9	9.6
255145	13.6		84.6	50.0	10.3	10.7	74.0	50.0	3.55	3.55	4.0	4.05	91.5	87.8	4.85	2.45	60.6	5.8	6.5	89.2	9.8
255145									3.3	3.3	4.1	4.1	80.6	80.6	5.35	2.6	46.7	6.8	7.1	81.7	9.9
255150	14.1		83.0	51.8	10.1	10.6	73.0	53.0	3.3	3.8	4.1	4.1	80.6	82.7	5.35	2.6	46.7	5.5	6.3	87.5	9.0
255152	(15.2)		(73.9)	(47.4)	9.3	10.6	71.0	53.0	3.7	3.8	4.1	4.1	80.6	92.7	5.25	2.8	63.5	6.7	6.7	82.1	9.4

* Near.

DEFORMED ARKANSAS: MALES—Continued

Catalog No.	Diam. Bizygomatic max (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 max.	Nasal Index	Upper Alveolar Arch length max.	Upper Alveolar Arch, breadth max.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	Diam. frontal max.	
258752	33.8	97.1	56.5	10.5	9.5	10.5	68.0	57.5	3.6	3.5	3.6	3.6	100.0	97.2	5.6	2.6	46.4	6.0	7.3	82.2	---	10.2	
258754	33.5	87.1	56.5	10.5	9.0	10.6	68.0	57.5	3.7	3.7	3.7	3.9	94.9	87.4	5.2	2.4	46.2	6.0	7.2	83.2	---	8.5	
259299	33.7	86.1	49.6	10.1	8.6	9.9	66.5	43.5	3.1	3.15	3.7	3.7	83.8	87.5	4.85	2.45	50.5	5.7	7.2	79.2	---	9.4	
258786	33.1	85.2	57.2	10.1	8.6	10.2	74.0	58.5	3.6	3.45	3.6	3.6	88.2	95.8	5.45	2.6	47.7	5.7	6.9	82.6	---	9.4	
261791	33.4	85.2	50.7	9.5	8.6	10.2	74.0	58.5	3.6	3.65	3.75	3.75	96.0	97.9	5.1	2.35	46.1	5.6	6.5	86.2	---	9.1	
261831	33.4	88.1	54.1	10.3	9.2	10.4	67.5	56.0	3.85	3.4	3.8	3.7	88.2	91.9	5.0	2.55	41.0	5.7	7.8	73.1	---	9.3	
262541	33.3	89.2	54.7	9.8	8.8	10.4	72.5	58.0	3.85	4.0	4.3	4.2	89.5	95.2	5.6	2.6	48.2	5.6	7.0	80.0	---	9.7	
262542	33.3	89.3	55.5	9.7	8.7	10.3	71.0	59.0	3.7	3.85	3.9	3.7	87.7	93.8	5.4	2.6	48.2	5.6	6.4	87.5	---	9.3	
262550	33.5	90.4	55.6	9.7	8.4	10.0	70.0	51.5	3.5	3.5	3.7	3.6	94.9	102.7	5.6	2.55	48.6	5.6	6.4	87.5	---	9.0	
262551	33.5	89.5	54.8	9.6	8.4	9.7	67.5	53.0	3.5	3.5	3.8	3.8	92.1	92.1	5.35	2.4	44.9	5.3	6.7	79.1	---	9.3	
262563	33.3	89.5	54.7	9.5	8.6	10.1	71.0	59.0	3.8	3.85	3.85	3.85	98.7	100.0	5.5	2.3	41.8	5.1	6.9	73.0	---	8.8	
262565	33.6	88.1	53.1	10.6	9.2	10.7	69.0	48.5	3.3	3.45	3.8	3.7	86.8	93.2	5.6	2.9	51.8	6.1	7.4	82.9	---	9.4	
262568	34.7	83.1	51.0	10.2	9.1	10.2	67.0	59.0	3.7	3.65	4.0	3.9	92.5	93.6	5.25	2.5	47.6	5.7	6.7	82.1	---	10.1	
262574	34.3	82.5	55.9	10.2	9.1	10.2	67.0	59.0	3.8	3.6	4.0	4.0	92.1	90.0	5.3	2.75	51.9	5.7	6.7	86.1	---	10.1	
262575	34.9	82.5	54.4	10.0	10.0	10.5	67.0	59.0	3.7	3.6	4.0	4.0	92.1	90.0	5.2	2.8	53.9	5.7	6.7	86.1	---	10.3	
272543	33.7	85.6	51.7	10.2	9.1	10.2	68.0	59.0	3.8	3.8	3.8	3.8	100.0	97.4	5.1	2.8	47.1	6.1	7.3	83.6	---	10.1	
272544	34.6	83.8	50.7	10.1	9.1	10.7	74.5	57.0	3.8	3.8	3.9	3.9	97.4	97.4	5.1	2.7	52.9	5.7	7.0	84.3	---	9.1	
272546	34.2	83.8	50.7	10.1	9.1	10.7	74.5	57.0	3.8	3.8	3.9	3.9	97.4	97.4	5.1	2.7	52.9	5.7	6.6	86.4	---	9.7	
272547	34.2	83.8	50.7	10.1	9.1	10.7	74.5	57.0	3.8	3.8	3.9	3.9	97.4	97.4	5.1	2.7	52.9	5.7	6.6	86.4	---	9.7	
Specimens	(30)	(16)	(22)	(20)	(24)	(30)	(20)	(20)	(26)	(25)	(26)	(26)	(25)	(26)	(28)	(29)	(28)	(26)	(26)	(26)	(26)	(8)	(37)
Totals	365.0	87.94	53.27	200.5	216.6	308.4	1,406.1	1,103.5	91.75	88.6	101.0	93.34	93.34	148.0	147.5	74.35	48.81	148.0	178.5	178.5	28.2	348.3	
Averages	13.0	87.94	53.27	10.0	10.0	10.3	70.30	55.28	3.5	3.5	3.9	3.8	90.24	92.84	3.3	2.6	48.81	5.7	6.9	82.46	3.5	9.4	
Minima	13.1	83.0	43.6	9.5	8.4	9.3	60.0	43.5	2.49	2.53	3.6	3.6	64.5	68.0	4.8	2.3	41.8	5.1	6.3	73.1	3.2	8.2	
Maxima	14.9	97.1	58.5	10.6	10.6	11.0	74.5	59.0	3.86	4.0	4.3	4.2	100.0	102.7	5.8	2.95	53.9	6.1	7.8	89.6	3.9	10.2	

UNDEFORMED ARKANSAS: FEMALES

Catalog No.	Collection	Locality	Approximate 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	Capaeltj, in c. c. (Hrdlička's method)	Teeth, wear	Men- tion- height (a) Nasion	Alveol. Pt. - Nasion height (b)
243166	U. S. N. M.	Pecan Point	50		17.5	13.5	13.6	74.8	88.9	103.8	14.73	1,350		12.6	6.8
262557	do.	Mississippi County	30	Slight frontal.	17.8	13.5	14.7	75.8	93.9	108.9	15.33	1,350		7.5	
261818	do.	Cross County	50		17.1	13.0	14.0	76.0	93.0	107.7	14.70	1,330			
261801	do.	Poinsett County	65	Slight frontal.	18.1	13.8	14.1	76.8	93.4	108.9	15.33	1,330		7.7	
263416	do.	Crittenden County	52		16.6	12.8	13.3	77.1	90.5	105.9	14.23	1,240			
263417	do.	do.	38		17.6	13.6	14.2	77.3	91.0	101.4	15.13	1,395		7.8	
261835	do.	St. Francis County	50	Slight occipital.	16.9	12.8	14.2	77.6	95.6	108.4	14.43	1,250		6.7	
262548	do.	Mississippi County	45		17.1	13.3	13.4	77.8	88.2	100.8	14.00	1,400		6.8	
261799	do.	Poinsett County	60	Medium fronto-occipital.	16.9	13.2	13.6	78.1	90.4	103.0	14.57	1,240			
262554	do.	Mississippi County	25	Slight frontal.	17.5	13.7	14.1	78.9	90.4	102.9	15.10	1,400		11.4	7.0
262581	do.	do.	35		16.5	13.1	13.8	79.4	90.6	102.5	14.33	1,200		11.4	7.0
261818	do.	Poinsett County	55	Slight frontal.	17.1	13.6	13.8	79.5	89.9	101.5	14.83	1,270		11.9	7.3
243143	do.	Drew County	Yg. adult		17.3	13.8	13.9	79.8	89.4	100.7	15.00	1,330			
262538	do.	Mississippi County	55		16.8	13.4	14.0	79.8	92.7	104.5	14.73	1,255		11.8	7.1
262446	do.	Cedar Grove Cave	60		16.8	13.4	13.8	79.8	88.1	99.3	14.50	1,260		11.7	6.9
262569	do.	Mississippi County	35		17.4	14.0	13.3	80.5	87.9	98.6	15.07	1,430			
263410	do.	Crittenden County	30		17.1	13.9	13.3	81.3	85.8	95.7	14.77	1,330		11.4	7.0
263412	do.	do.	60		16.7	13.6	13.9	81.4	91.8	102.2	14.73	1,345		6.5	
261800	do.	Poinsett County	50		17.3	14.1	14.0	81.5	89.2	99.3	15.13	1,380		12.2	7.8
261788	do.	do.	30		16.4	13.4	13.7	81.7	92.0	102.2	14.50	1,265		7.2	
261812	do.	do.	50	Slight fronto+	16.5	13.6	13.1	81.9	86.8	96.5	14.43	1,245		12.0	7.3
255143	do.	Boy's Field, Union County.	45	Slight fronto+	16.8	13.8	13.6	82.1	88.9	98.6	14.73	(?) Me-dium		10.9	
262547	do.	Mississippi County	50	Slight frontal.	16.6	13.7	13.1	82.5	86.5	95.6	14.47	1,260		11.3	6.9
262585	do.	do.	65	Occipital asymmetry.	16.5	13.7		83.0				1,210		7.2	
255120	do.	Boy's Field, Union County.	45		16.7	13.9	(?) Fair	83.2				(?) Me-dium		11.2	7.0
243175	do.	Pecan Point, Mississippi County.	Yg. adult		16.7	13.9	13.9	83.2	90.9	100.0	14.83	1,310			
243177	do.	do.	50		16.5	13.8	13.5	83.6	87.8	96.4	14.53	1,250			
262553	do.	Mississippi County	35	Moderate fronto+	15.9	13.3	13.5	83.7	92.6	101.6	14.23	1,135		11.7	7.4
261809	do.	Poinsett County	60	Occipital small asymmetry.	16.6	13.9	14.1	83.7	92.5	101.4	14.87	1,345			
262556	do.	Mississippi County	50		16.2	13.6	13.6	84.0	91.3	100.0	14.47	1,285		11.5	7.0

1 Menton-Nasion height restored where teeth worn.

*Near

UNDEFORMED ARKANSAS: FEMALES—Continued

Catalog 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	Men-ton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
258733	U.S.N.M.	Cross County	35	Slight fronto +	16.2	13.6	13.6	84.0	91.3	100.0	14.47	1,185		11.8	7.2
262545	do	Mississippi County	22	Small occipital asymmetry.	16.4	13.8	12.9	84.2	85.4	93.5	14.37	1,345			7.0
263409	do	Crittenden County	25		16.5	13.9	14.1	84.2	92.8	101.4	14.83	1,350		11.3	7.1
249921	do	Jefferson County	35		17.2	14.5	14.15	84.3	89.3	97.6	15.26	1,290		11.9	7.45
261810	do	Poinsett County	35		16.7	14.1	14.0	84.4	90.9	99.3	14.93			11.6	7.2
258761	do	Cross County	25	Slight fronto +	16.8	14.2	13.4	84.6	86.5	94.4	14.80	1,245		10.7	6.7
262580	do	Mississippi County	45	Slight fronto-occipital.	16.3	13.8	13.4	84.7	89.0	97.1	14.50	1,150		11.8	7.1
363150	do	Near Atkins	55		16.4	13.9	14.1	84.8	93.1	101.4	14.80	1,270		11.7	7.0
262573	do	Mississippi County	50	Slight fronto +	17.4	14.8	13.7	85.1	86.1	92.6	15.30	1,400			
261785	do	Poinsett County	35	do	16.2	13.8	13.4	85.2	89.3	97.1	14.47	1,210		11.7	7.4
262581	do	Mississippi County	23	Slight fronto + occipital.	16.1	13.8	13.8	85.7	92.3	100.0	14.57	1,250			6.7
262570	do	do	55	do	16.4	14.1	14.0	86.0	91.8	99.3	14.83	1,270		12.0	7.6
249923	do	Near Greer, Jefferson County,	35	do	16.5	14.3	13.7	86.7	89.0	95.8	14.83	1,250		10.0	6.7
205607	do	1 mile south of West Memphis,	Yg. adult.	Slight occipital asymmetry.	16.3	14.2	13.7	87.1	89.8	96.5	14.73	1,180			
262536	do	Mississippi County,	60	Slight fronto +	16.3	14.3	13.7	87.7	89.5	95.8	14.77	1,335			
262532	do	do	25	do	16.6	14.6	13.1	88.0	84.0	89.7	14.77	1,310		11.8	7.2
249925	do	Near Greer, Jefferson County,	35	Slight fronto-occipression.	15.7	13.9	13.6	88.5	91.9	97.8	14.40	1,140			7.25
262576	do	Mississippi County,	35		16.2	14.4	13.9	88.9	90.9	96.5	14.83	1,340			
249920	do	Near Greer, Jefferson County,	40		16.2	14.5	13.9	89.5	90.6	95.9	14.87	1,185			
276645	do	Mississippi County,	50	Slight frontal.	16.0	14.4	13.4	90.0	88.2	93.1	14.60	1,330			
243152	do	Drew County	Yg. adult.		15.9	15.1	13.1	90.0	86.8	84.5	14.70				
243170	do	Pecan Point, Mississippi County,	Adult.		16.4	15.6	12.9	95.1	80.6	82.7	14.97				
Specimens.					(52)	(52)	(50)	(52)	(50)	(50)	(50)	(45)		(25)	(34)
Totals					867.9	719.9	683.85				736.9	57,485		289.1	242.6
Averages					16.7	13.8	13.7	82.65	89.57	88.78	14.74			11.6	7.1
Minima					15.7	12.8	12.9	74.9	80.6	82.7	14.23			10.0	6.5
Maxima					18.1	14.8	14.2	95.1	95.6	109.4	15.33			12.6	7.8

Catalog No.	Diam. Biygomatic 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	Diam. Frontal minim.
243166	12.3	90.2	59.2	9.5	8.4	10.2	71.0	58.5	3.35	3.4	3.8	3.7	88.2	91.0	4.95	2.6	52.5	6.3	84.1	---	9.3	
262357	12.7	89.2	69.1	9.5	8.6	10.0	71.0	58.5	3.5	3.3	3.5	3.5	100.0	94.8	5.4	2.35	42.5	6.4	79.7	---	9.5	
268751	13.2	87.5	---	9.0	8.4	10.4	68.0	51.0	3.6	3.5	4.0	3.9	90.0	89.7	5.35	2.5	46.7	---	---	---	9.4	
261801	12.7	89.8	67.9	9.0	8.4	10.0	68.5	51.5	3.85	3.65	4.1	4.0	93.9	98.8	5.3	2.6	49.1	6.8	82.4	---	9.8	
263416	13.0	86.2	60.0	9.8	8.4	10.0	72.0	49.0	3.3	3.25	3.6	3.6	91.7	90.8	4.8	2.65	55.2	---	---	---	9.8	
261885	13.0	86.2	51.5	10.0	8.8	10.2	72.0	49.0	3.4	3.5	3.9	3.7	87.2	94.6	---	---	---	6.9	79.7	---	9.2	
262548	13.8	84.8	49.8	9.6	9.0	10.1	---	---	3.4	3.8	---	3.8	---	100.0	---	---	---	---	---	---	---	9.6
261799	13.3	---	---	---	---	10.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.6
262354	12.0	95.0	68.8	9.6	8.4	9.7	69.5	53.0	3.65	3.65	3.6	3.6	101.4	101.4	5.1	2.45	48.0	6.8	80.9	---	9.0	
262351	13.2	90.2	56.9	10.1	8.9	10.2	69.0	51.5	3.5	3.5	3.9	3.9	89.7	89.7	5.2	2.5	48.1	---	---	---	9.0	
261818	13.4	88.1	58.0	---	---	10.2	---	---	3.4	---	3.85	---	88.3	---	5.1	2.2	48.1	---	---	---	---	9.0
243143	12.7	92.1	64.5	---	---	10.1	---	---	3.5	3.5	4.0	3.8	87.5	92.1	5.15	2.4	46.6	6.5	87.8	3.3	9.8	
362446	12.7	92.1	64.5	---	---	10.0	---	---	3.5	3.5	4.0	3.8	87.5	92.1	5.15	2.4	46.6	6.5	87.8	3.3	9.8	
262599	12.7	89.8	55.1	10.4	9.2	9.6	63.5	51.5	3.4	3.35	3.8	3.7	89.5	90.5	4.85	2.5	51.6	5.7	62.9	---	9.1	
263410	13.3	85.9	43.9	8.6	8.0	9.9	71.0	46.5	3.5	3.5	3.8	3.7	92.1	94.6	5.65	2.5	44.8	5.7	70.0	---	9.2	
263412	13.0	91.7	58.7	10.3	8.8	10.4	68.5	53.0	3.5	3.5	3.8	3.7	92.1	94.6	5.65	2.5	44.8	5.5	63.0	---	9.9	
261890	13.3	85.9	43.9	8.6	8.0	9.9	68.5	53.0	3.5	3.5	3.8	3.7	92.1	94.6	5.65	2.5	44.8	5.5	63.0	---	9.0	
261788	12.3	97.6	69.4	9.7	8.5	9.4	68.5	51.5	3.0	3.5	3.7	3.65	97.3	95.9	4.4	2.8	53.9	6.1	85.5	3.5	9.6	
261812	12.3	97.6	69.4	9.7	8.5	9.4	68.5	51.5	3.0	3.5	3.7	3.65	97.3	95.9	4.4	2.8	53.9	6.1	85.5	3.5	9.6	
255143	13.1	86.3	52.7	8.7	8.0	9.2	72.5	61.0	3.4	3.35	3.7	3.65	91.9	91.8	5.15	2.25	43.7	6.1	89.6	---	9.3	
262547	12.7	89.6	66.7	---	---	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.7
262536	12.5	89.6	66.0	---	---	9.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.7
255120	12.7	89.6	66.0	---	---	9.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.7
243175	13.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.9
243177	12.2	95.9	60.7	10.0	8.6	9.8	66.5	49.0	3.7	3.7	3.8	3.8	97.4	97.4	4.95	2.7	54.5	5.9	91.6	3.6	10.1	
262553	12.9	89.8	64.7	9.4	8.2	9.9	68.0	49.0	3.8	3.9	3.8	3.8	100.0	100.0	4.95	2.4	48.5	5.7	87.7	---	10.5	
261809	12.8	89.8	64.7	9.4	8.2	9.9	68.0	49.0	3.8	3.9	3.8	3.8	100.0	100.0	4.95	2.4	48.5	5.7	87.7	---	10.5	
262556	12.3	96.9	68.5	9.2	8.3	9.4	69.0	54.0	3.8	3.75	3.6	3.6	106.9	104.2	5.0	2.65	49.0	6.4	84.4	---	9.6	
255753	12.3	96.9	68.5	9.2	8.3	9.4	69.0	54.0	3.8	3.75	3.6	3.6	106.9	104.2	5.0	2.65	49.0	6.4	84.4	---	9.6	
262545	12.2	91.9	67.4	9.2	8.4	9.2	67.5	49.0	3.2	3.6	3.7	3.6	91.6	100.0	5.1	2.6	53.0	6.2	82.8	---	9.9	
263109	12.3	91.9	67.4	9.2	8.4	9.2	67.5	49.0	3.2	3.6	3.7	3.6	91.6	100.0	5.1	2.6	53.0	6.2	82.8	---	9.9	
249921	13.2	90.2	66.4	10.2	9.0	10.5	71.0	51.0	3.45	3.45	3.6	3.65	88.5	89.6	5.4	2.5	46.3	6.6	84.1	13.6	9.9	
261810	13.1	88.6	55.0	10.4	9.1	10.2	63.0	47.5	3.4	3.45	3.7	3.6	91.9	94.4	5.25	2.7	51.4	6.7	85.1	---	9.8	

*Near.

UNDEFORMED ARKANSAS: FEMALES—Continued

Catalog 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 maxm.	Nasal Index	Upper Alveolar Arch, length maxm.	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	Diam. frontal minm.	
258761	13.0	82.9	51.5	9.4	8.3	9.2	67.0	53.0	3.6	3.65	3.8	3.7	94.7	98.7	4.65	2.4	51.6	4	6.7	80.6	---	9.0	
262580	13.2	89.4	53.8	10.3	8.9	9.8	65.5	49.0	3.4	3.55	3.8	3.7	89.5	96.0	4.85	2.85	58.8	5.8	7.2	80.6	---	8.4	
363150	12.6	92.9	65.6	9.5	8.2	10.0	72.0	45.0	3.4	3.35	3.8	3.8	88.2	88.2	5.2	2.5	48.1	5.3	6.0	88.9	3.4	9.7	
262573	14.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
261785	13.5	86.7	54.8	9.7	8.4	9.8	68.5	54.0	3.7	3.65	3.9	3.8	91.9	96.1	5.3	2.6	49.1	5.3	7.2	83.9	---	9.4	
262561	12.7	86.8	52.8	9.4	8.4	9.2	65.5	54.0	3.35	3.35	3.6	3.5	93.1	96.7	4.7	2.15	45.7	5.2	6.5	81.6	---	8.7	
262570	12.3	97.6	61.8	9.4	8.4	9.2	65.5	54.0	3.55	3.55	3.7	3.7	96.0	96.0	5.25	2.8	53.9	5.6	6.7	83.6	---	9.5	
246923	13.3	75.2	60.4	9.4	8.5	9.9	64.0	52.0	3.5	3.5	3.75	3.8	93.3	98.1	5.15	2.55	49.5	5.35	6.8	78.7	3.15	9.4	
262597	13.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
262536	13.4	96.7	69.0	9.7	8.8	9.8	68.0	54.5	3.65	3.7	3.8	3.7	97.3	100.0	5.2	2.55	49.0	---	---	---	---	---	
262582	12.2	---	---	---	---	---	---	---	3.55	3.55	3.65	3.55	93.2	97.2	4.8	2.5	52.1	5.5	6.5	81.6	---	9.0	
246925	12.8	---	---	---	---	---	---	---	3.4	3.45	3.65	3.65	---	---	5.2	2.6	60.0	5.6	6.55	85.5	---	9.1	
262576	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
246920	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
276645	12.9	---	---	---	---	---	---	---	3.1	---	3.6	---	---	---	5.0	2.65	55.0	---	---	---	---	---	
243152	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
243170	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Specimens.	(40)	(24)	(32)	(27)	(30)	(48)	(27)	(27)	(31)	(30)	(31)	(30)	(31)	(30)	(37)	(37)	(37)	(29)	(30)	(29)	(6)	(52)	
Totals.	15.2	85.2	55.6	294	260.5	474.1	1,848.5	1,400.5	108.95	106.2	116.7	111.9	93.36	95.16	187.0	93.05	52.1	158.65	195.75	80.6	20.55	468.7	
Averages.	12.9	60.66	55.68	8.7	8.7	9.9	68.5	51.9	3.5	3.5	3.6	3.5	93.36	95.16	3.1	2.5	50.08	3.5	6.5	81.05	3.4	9.0	
Minima.	12.0	75.2	48.9	8.7	8.0	9.2	55.5	45.0	3.1	3.25	3.5	3.5	86.1	88.2	4.4	2.15	45.1	3.1	5.9	76.7	3.15	8.0	
Maxima.	14.0	92.2	61.8	10.4	9.6	10.6	72.5	61.0	3.85	3.95	4.1	4.0	106.9	104.2	5.65	2.9	59.1	6.0	7.2	91.9	3.6	10.0	

DEFORMED ARKANSAS: FEMALES

Catalog No.	Collection	Locality	Approximate 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. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a) ¹	Alveol. Pt. Nasion height (b)
243151	U. S. N. M.	Drew County.	55-60	Pronounced occipital.	(16.6)	(14.2)	(14.8)	(85.5)	(96.1)	(104.2)	15.20	1,395			
243155	do	do	55	Moderate lateral occipital flattening.	(16.8)	(14.6)		(86.9)							7.5
243158	do	do	35	do	(15.7)	(13.7)	(14.2)	(87.3)	(96.6)	(105.6)	14.53				7.0
243169	do	Pecan Point, Mississippi County.	35-40	Slight frontal moderate occipital flattening.	(16.2)	(16.2)	(12.8)	(100.0)	(79.0)	(79.0)	15.07				7.2
243174	do	do	40	Moderate frontal occipital flattening.	(14.8)	(14.9)	(14.0)	(100.7)	(94.5)	(94.0)	14.57	1,250			6.8
255121	do	Boy's Field, Union County.	50	Considerable occipital flattening.	(15.7)	(15.2)	(13.7)	(96.8)	(88.7)	(90.1)	14.87	1,310			6.9
255122	do	do	45	Moderate fronto-occipital flattening.	(16.3)	(15.0)		(92.0)							
255125	do	do	50	Slight occipital flattening.	(17.3)	(14.2)	(13.8)	(88.1)	(87.6)	(97.2)	15.10	1,315			7.2
255129	do	do	50	Moderate occipital flattening.	(16.6)	(14.3)	(14.5)	(86.1)	(93.9)	(101.4)	15.13				7.3
255130	do	do	35	Slight frontal moderate occipital flattening.	(15.8)	(14.6)	(13.6)	(92.4)	(89.5)	(93.2)	14.67				6.5
255144	do	do	50	Slight frontal, pronounced occipital flattening.	(15.4)	(15.3)	(13.6)	(99.4)	(88.6)	(88.9)	14.77				
255146	do	do	45	Slight fronto-occipital flattening.	(16.1)	(14.6)		(90.7)							
255147	do	do	45	do	(16.9)	(14.7)	(12.7)	(87.0)	(80.4)	(86.4)	14.77				
255151	do	do	50	Slight occipital flattening.	(16.6)	(14.7)		(88.6)				1,280			
249916	do	Near Menard's Mound, Arkansas County.	30-35	Medium "flathead"	(15.1)	(15.3)	(14.0)	(101.5)	(92.1)	(91.5)	14.80	1,290			8.05

¹ Menton-Nasion height reconstructed where teeth worn.
² Near.

DEFORMED ARKANSAS: FEMALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabelle 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)
24918	U.S.N.M.	Near Greer, Jefferson County.	35	"Flathead" great post flattening. Lateral occipital flattening.	(15.2)	(15.5)	(14.0)	(102.0)	(91.2)	(90.3)	14.90	1,170	---	11.6	7.1
24922	do	do	45	Moderate irregular "flathead."	(16.4)	(14.1)	(14.7)	(86.0)	(96.4)	(104.5)	15.07	1,305	---	12.0	7.35
24924	do	do	40	Moderate fronto-occipital.	(16.4)	(15.1)	(13.2)	(92.1)	(83.8)	(87.4)	14.90	1,240	---	12.0	7.65
258756	do	Cross County	35	Moderate fronto-occipital.	(16.9)	(14.0)	(13.8)	(82.8)	(89.5)	(98.6)	14.90	1,270	---	---	7.7
258758	do	do	55	Pronounced fronto-occipital.	(16.0)	(14.1)	(14.3)	(88.1)	(95.0)	(101.4)	14.80	1,270	---	---	7.6
258763	do	do	70	Moderate fronto-occipital.	(16.3)	(14.6)	(13.5)	(89.6)	(87.4)	(92.5)	14.80	1,235	---	---	---
259296	do	Woodruff County	55	Moderate fronto-occipital.	(16.3)	(14.7)	(13.8)	(90.2)	(89.0)	(93.9)	14.83	1,385	---	11.9	7.0
259297	do	do	60	Moderate fronto-occipital.	(17.6)	(13.9)	(13.3)	(79.0)	(84.4)	(95.7)	14.93	1,220	---	---	7.3
262644	do	Mississippi County	30	Slight occipital.	(16.7)	(14.3)	(14.2)	(85.6)	(91.6)	(99.5)	15.07	1,365	---	11.9	7.2
262552	do	do	45	Medium frontal.	(16.6)	(14.7)	(13.8)	(88.6)	(83.2)	(93.9)	15.03	1,350	---	11.6	7.0
262571	do	do	40	Slight fronto-occipital.	(15.8)	(14.9)	(14.6)	(94.3)	(95.1)	(98.0)	15.10	---	---	12.4	7.6
259294	do	Prairie County	30	Slight frontal, pronounced occipital.	(16.5)	(15.0)	(14.1)	(90.9)	(89.5)	(94.0)	15.20	---	---	---	---
261792	do	Polk County	40	Moderate frontal.	(15.9)	(13.7)	(12.9)	(86.2)	(87.2)	(94.2)	14.17	1,240	---	---	6.5
261805	do	do	30	Medium fronto-occipital.	(16.3)	(14.6)	(13.2)	(89.6)	(85.4)	(90.4)	14.70	1,260	---	11.8	7.1
261806	do	do	35	Moderate frontal.	(16.6)	(14.2)	(13.8)	(85.5)	(87.0)	(98.6)	14.63	1,250	---	11.6	7.1
261816	do	do	30	Medium frontal.	(16.1)	(14.0)	(13.4)	(85.5)	(87.0)	(94.6)	14.73	1,300	---	11.3	7.0
261828	do	Cross County	22	do	(16.6)	(14.2)	(13.8)	(85.5)	(87.0)	(94.6)	14.73	1,300	---	12.1	7.2
262552	do	Mississippi County	45	Medium frontal, pronounced occipital.	(15.3)	(15.4)	(13.8)	(100.7)	(89.9)	(89.6)	14.83	1,285	---	---	---
262533	do	do	40	Moderate fronto-occipital.	(16.4)	(15.0)	(13.8)	(91.5)	(87.9)	(92.0)	15.07	1,350	---	---	---
262534	do	do	65	Slight fronto-occipital.	(16.3)	(14.7)	(14.0)	(90.2)	(90.5)	(95.2)	15.00	1,345	---	12.0	7.4
262555	do	do	50	do	(16.0)	(14.6)	(13.6)	(91.5)	(88.9)	(93.2)	14.73	1,255	---	12.1	7.2

262569	U.S.N.M.	Mississippi County	60	Slight frontal medium occipital	(16.6)	(14.6)	(14.3)	(88.0)	(91.7)	(98.0)	15.17	1,340	11.8	7.1
262562	do	do	50	Pronounced fronto-occipital	(15.8)	(16.0)	(13.5)	(101.5)	(84.9)	(84.4)	15.10	1,360	11.8	7.0
262564	do	do	40	Medium fronto-occipital	(15.1)	(13.9)	(13.8)	(92.1)	(95.2)	(99.5)	14.27	1,190	11.1	6.9
262565	do	do	40	Slight frontal medium occipital	(15.7)	(15.3)	(14.4)	(97.5)	(92.9)	(94.1)	15.13	1,380	11.7	6.9
262572	do	do	35	Slight fronto-occipital	(15.8)	(14.6)	(13.4)	(92.4)	(88.2)	(91.8)	14.60	1,330	11.6	7.4
262577	do	do	25	Slight occipital	(15.8)	(14.5)	High	(91.8)				1,180	12.0	7.4
262578	do	do	30	Medium frontal slight occipital	(15.7)	(14.6)	(13.4)	(93.0)	(88.5)	(91.8)	14.57	1,260	11.8	6.9
262579	do	do	50	Medium fronto-occipital	(15.6)	(15.0)	(12.9)	(96.2)	(84.5)	(86.0)	14.50	1,215	11.2	6.7
272545	do	Foster Place, Lafayette County	40	Pronounced fronto-occipital	(17.4)	(15.1)	(13.3)	(86.8)	(81.9)	(88.1)	15.27	1,270	12.3	7.5
272548	do	Miller County	45	Slight frontal medium occipital	(16.4)	(15.4)	(13.8)	(95.9)	(86.8)	(89.6)	15.20			6.9
263408	do	Crittenden County	40	Slight fronto-occipital	(16.0)	(13.9)	(13.5)	(86.9)	(90.5)	(97.1)	14.50	1,230	12.2	7.4
263413	do	do	26	Medium occipital	(15.3)	(14.6)	(13.3)	(95.4)	(89.0)	(91.1)	14.40	1,180	10.9	6.6
263414	do	do	25	Moderate frontal slight occipital	(15.6)	(13.4)	(13.2)	(86.9)	(91.0)	(98.5)	14.07	1,065	11.0	6.9
263418	do	do	30	do	(16.2)	(13.5)	(13.4)	(88.5)	(93.4)	(99.5)	14.37	1,240	11.8	7.3
263419	do	do	30	Medium frontal pronounced occipital	(14.6)	(14.8)	(13.9)	(101.4)	(94.6)	(93.9)	14.43	1,185	11.3	6.9
Specimens					(51)	(51)	(45)	(51)	(45)	(45)	(45)	(38)	(30)	(41)
Totals					821.7	746.0	617.6	89.79	89.58	95.80	666.55	48,300	353.0	293.25
Averages					16.1	14.6	13.7	90.79	89.58	95.80	14.81	1,273.4	11.8	7.2
Minima					11.6	13.4	12.7	82.1	79.0	79.0	14.07	1,065	10.9	6.5
Maxima					17.6	16.2	14.8	105.0	96.6	104.3	15.27	1,395	13.2	8.05

¹Near.

DEFORMED ARKANSAS: FEMALES—Continued

Catalog No.	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.	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, maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, <i>Index</i>	Lower Jaw, height at Symphysis	Diam. frontal minm.	
243151	13.3				9.1	10.3	°	°	3.4	3.5	4.1	4.0	82.0	87.5	4.95	2.6	52.5	5.6	6.3	88.9		9.6	
243155	13.7				8.3	9.8	72.0	53.5	3.65	3.6	3.9	3.85	93.6	93.5	5.2	2.55	49.0	5.6	6.3	88.9		9.6	
243169	13.2				10.0	8.6	69.0	47.5	3.55	3.55	3.75	3.7	94.7	96.0	5.0	2.45	49.0	5.5	6.55	84.0		8.4	
243174	13.4				9.4	8.3	69.5	54.5	3.4	3.35	3.65	3.7	93.2	90.5	5.0	2.7	54.0	5.7	5.95	95.8		9.5	
255121	(14.2)				10.2	9.2	71.0	55.0	3.45	3.5	3.9	3.9	88.5	89.7	4.9	2.7	57.5	5.1	6.75	75.6		9.2	
255122																					81.5		9.3
255125	13.9				8.8	10.1	70.0	55.0	3.5	3.5	4.2	4.1	83.5	86.4	4.9	2.6	53.1	5.8	6.3	92.1		9.3	
255129									3.40	3.25	3.90	3.90	87.2	83.3	4.9	2.7	55.1	6.0	6.7	89.6		9.1	
255130						9.9									4.7	2.5	53.2	5.3	6.2	85.5		9.0	
255144																							9.3
255146																							10.0
255147																							9.1
255151						9.7									2.2								9.4
249916	12.7	105.9	68.4	10.4	9.0	10.0	64.0	54.0	3.0	3.7	3.85	3.6	93.5	101.8	5.2	2.45	47.1	6.2	7.1	87.9		9.85	
249918	13.7	84.7	51.8						3.25	3.35	3.75	3.8	86.7	88.2	4.9	2.5	51.0	5.6	6.9	81.2		8.8	
249922	13.2	80.9	55.7	10.2	9.15	10.6	72.0	58.0	3.5	3.45	4.05	4.0	86.4	86.3	5.05	2.3	45.5	5.75	6.6	87.1		9.4	
249924	13.1	91.6	58.4	10.6	9.3	10.2	66.0	51.0	3.45	3.50	3.65	3.8	94.5	92.1	5.3	2.4	45.8	5.8	6.65	87.2		9.2	
258756	13.1			10.2	8.6	9.8	64.5	46.0	3.65	3.7	3.9	3.9	89.6	97.1	5.3	2.55	48.1	5.8	6.5	89.2		9.4	
258758	12.7			10.0	8.8	10.4	70.0	55.0	3.4	3.4	3.75	3.8	90.7	86.5	5.35	2.4	44.9	5.4	6.7	80.6		9.1	
258763	14.1				8.3	9.5									5.05	2.5	49.5					8.0	
259296	13.7	86.9	51.1	9.8	8.8	10.0	70.0	57.0	3.2	3.3	3.6	3.8	88.9	89.8	4.75	2.4	50.5	5.4	6.8	79.1		9.2	
259297	13.6	63.7	53.7	10.1	8.9	10.2	69.0	49.0	3.7	3.75	3.9	3.9	91.9	96.2	5.3	2.6	49.1	5.4	6.3	85.7		9.3	
262544	13.3	89.5	54.1	10.6	9.1	10.2	67.0	43.5	3.5	3.5	3.8	3.7	97.1	91.6	5.0	2.8	56.0	5.6	6.0	81.9		9.2	
262552	13.2	87.9	53.0	9.8	8.5	9.6	67.0	49.0	3.8	3.85	3.9	3.9	97.1	98.7	5.0	2.6	59.0	5.6	6.5	86.2		10.0	
262571									3.5	3.5	3.9	3.9	89.7		5.4	2.7	60.0	5.6	6.5	86.2		9.6	
262924	14.0	88.6	54.3																				9.0
262924																							9.6
261792	12.1								3.55	3.55	3.5	3.7	101.4	98.7	5.2	2.0	60.0	5.3	6.4	88.8		9.3	
261805	13.2	89.4	63.8	9.8	8.4	9.8	69.5	44.0	3.75	3.65	3.7	3.7	101.4	98.7	4.9	2.4	49.0	5.6	6.3	89.9		9.1	
261806									3.5	3.4	3.6	3.6	97.2	94.4	5.1	2.4	49.0	5.6	6.0	84.9		8.0	
261816	13.6																						8.0
261828	12.7	89.0	55.1	9.6	8.7	9.8	70.0	57.5	3.7	3.75	3.75	3.7	98.7	101.4	5.1	2.4	47.1	5.3	6.0	84.9		9.3	

262552	13.1	92.4	55.0	10.3	8.6	9.6	64.0	43.5	3.15	3.25	3.65	3.5	86.3	92.9	4.9	2.35	48.0	5.9	6.7	88.1	9.3
262553	13.2	90.9	56.1	10.3	9.0	10.0	66.5	53.0	3.6	3.6	3.9	3.9	92.3	92.3	5.0	2.3	46.0	5.4	6.8	79.4	9.3
262554	13.9	87.1	51.8	9.8	8.8	10.0	70.5	59.0	3.55	3.56	3.8	3.7	93.4	96.0	4.95	2.4	48.5	5.5	6.6	83.3	9.0
262555	12.9	91.5	55.0	9.7	8.8	10.1	72.0	59.0	3.4	3.3	3.6	3.7	94.4	89.2	5.15	2.8	44.4	5.6	6.4	87.5	9.2
262559	13.5	87.4	51.9	9.3	8.4	9.6	70.0	57.5	3.4	3.4	3.6	3.7	94.4	89.2	5.15	2.8	44.4	5.3	6.2	86.5	8.9
262562	13.1	84.7	52.7	9.8	8.8	10.4	75.0	54.5	3.8	3.65	3.8	3.75	100.0	97.3	5.1	2.1	41.2	5.3	6.5	81.5	8.8
262564	13.4	87.3	51.5	9.7	8.8	10.2	73.0	59.0	3.5	3.5	3.9	3.8	99.7	97.3	4.75	2.5	52.6	5.3	6.4	82.8	8.4
262565	13.2	87.9	55.1	9.5	8.4	9.6	67.5	55.5	3.75	3.7	4.0	4.0	93.8	92.5	5.2	2.35	45.2	5.6	6.9	81.2	9.2
262577	13.3	90.2	55.6	10.6	9.0	9.8	64.0	42.0	3.4	3.5	3.8	3.7	89.5	94.6	5.4	2.65	49.1	5.6	6.4	87.5	9.5
262578	12.7	84.3	54.3	10.5	9.0	9.8	65.0	41.5	3.35	3.35	3.6	3.5	93.1	93.1	4.8	2.5	52.1	6.1	6.8	89.7	9.1
262579	13.5	82.0	49.8	10.5	9.0	10.5	63.5	41.5	3.2	3.25	3.75	3.6	85.3	90.3	4.75	2.65	55.8	5.7	6.7	85.1	8.6
272545	13.5	91.1	55.6	10.6	9.2	10.5	63.5	51.0	3.7	3.75	4.1	4.1	90.2	91.5	5.0	2.4	48.0	6.0	7.0	85.7	9.9
272548	13.4	86.1	51.5	9.4	7.9	9.4	67.0	49.5	3.4	3.6	3.7	3.7	91.9	97.3	4.9	2.6	53.1	5.5	6.2	88.7	9.5
263408	12.7	83.3	53.3	10.5	9.2	9.6	64.5	41.0	3.35	3.35	3.65	3.55	91.8	94.4	4.95	2.5	50.5	5.5	6.5	84.6	9.3
263413	13.1	85.9	53.9	9.9	8.8	9.8	68.5	48.0	3.55	3.6	3.9	3.9	91.0	92.3	5.2	2.75	52.9	5.4	6.5	83.1	9.0
263414	12.8	86.9	53.9	9.9	8.8	9.8	68.5	48.0	3.4	3.6	3.8	3.7	89.5	97.3	5.5	2.55	46.4	5.5	6.5	84.6	8.7
263418	12.7	89.9	57.5	10.0	8.4	9.0	70.0	54.0	3.45	3.45	3.65	3.65	94.5	91.8	5.1	2.1	41.2	5.5	6.5	84.6	8.5
263419	12.6	89.7	54.8	10.6	8.4	9.4	75.0	59.0	3.8	3.85	4.2	4.1	101.4	101.4	5.5	2.8	57.8	6.2	7.1	98.8	10.0
Specimens	(40)	(27)	(36)	(31)	(34)	(41)	(31)	(31)	(38)	(37)	(38)	(37)	(38)	(37)	(42)	(43)	(42)	(39)	(39)	(51)	
Totals	529.3	89.14	64.29	309.9	297.95	406.5	2,118.5	1,590.5	132.95	129.7	144.6	139.5	139.5	211.3	107.5	107.5	277.45	255.3	27.55	85.24	470.05
Averages	13.2	83.0	49.6	10.0	8.8	9.9	68.34	51.80	3.5	3.5	3.8	3.8	91.91	92.97	5.0	2.5	49.8	5.6	6.5	85.24	9.2
Minima	12.1	83.0	49.6	9.3	7.9	9.4	63.5	41.0	3.15	3.25	3.5	3.5	82.9	83.3	4.5	2.1	41.2	5.1	5.95	75.6	8.1
Maxima	14.1	103.9	63.4	10.6	9.3	10.6	75.0	59.0	3.8	3.85	4.2	4.1	101.4	101.4	5.5	2.8	57.8	6.2	7.1	98.8	10.0

1Near.

UNDEFORMED LOUISIANA: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (glabella and maximum)	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 height (a)	Alveol. Pt. - Nasion height (b)
334213	U. S. N. M.	Coppell Place, Pe-	65		19.6	13.7		69.9							
334201	do.	can Island.	60		18.2	13.0	14.4	71.4	92.5	110.8	15.20	1,370			6.9
334211	do.	do.	70		18.5	13.5		73.0							
334217	do.	do.	60		19.0	14.0		73.7							
334203	do.	do.	60		19.1	13.8		73.8				1,400			
334214	do.	do.	65		18.7	13.8		73.8							
334206	do.	do.	70		18.1	13.8		74.6				1,400			7.8
334218	do.	do.	65		18.5	13.8		74.6							
334251	do.	do.	55		19.0	14.2	14.7	74.7	88.0	103.5	15.97				
334220	do.	do.	65		19.0	14.3	14.9	75.5	89.0	104.2	16.07				
334226	do.	do.	60		18.7	14.4		77.0							
334210	do.	do.	75		18.0	13.9	14.5	77.2	90.9	104.5	15.47	1,370			
334209	do.	do.	50		18.6	14.4		77.4							
334204	do.	do.	50		17.8	13.8		77.6				1,560			11.7
251554	do.	Franklin County	55		18.3	14.2	15.3	77.6	94.2	107.8	15.95				
272857	do.	Avoyelles Parish	Adult		18.7	14.6		78.1				1,580			7.2
334219	do.	Coppell Place, Pe-	65		19.4	15.2		78.4							
272888	do.	Avoyelles Parish	Adult		19.1	15.0	15.0	78.5	88.0	100.0	16.37	1,640			
255114	do.	Ousachita County	55	Moderate lateral occipital flattening.	18.2	14.3	14.4	78.6	88.6	100.7	15.63				12.8
334208	do.	do.	55		19.2	15.1		78.7				(1,750)			7.2
277723	do.	Coppell Place, Pe-	35	Slight fronto-occipital flattening.	18.3	14.5	15.3	79.2	93.3	105.5	16.03				7.5
334205	do.	can Island.	70		17.8	14.1		79.2				1,630			
334202	do.	do.	75		18.4	14.6	14.3	79.4	86.7	98.0	15.77	1,510			
334212	do.	do.	65		18.5	14.8		80.0							
255211	do.	Morehouse County	55		18.1	14.5	14.5	80.1	89.0	100.0	15.70	1,470			12.7
334222	do.	Coppell Place, Pe-	70		18.3	14.7	14.8	80.5	89.7	100.7	15.93	(1,630)			8.0
334223	do.	do.	45	Slight frontal	18.3	14.7		80.5							

277731	do	Iberville Parish	55	Slight frontal and moderate occipital flattening.	19.1	15.4	14.3	80.6	82.9	92.9	16.27	1,600	14.2	8.5									
277724	do	Morehouse County	60	Slight fronto-occipital flattening.	17.6	14.3	14.8	81.2	92.8	103.5	15.57	1,490	13.2	7.9									
341222	do	Monroe	35	Very slight occipital flattening.	17.6	14.4	15.0	81.8	93.8	104.2	15.67	1,630		7.4									
277728	do	Iberville Parish	50	Slight fronto-occipital flattening.	18.2	15.1		83.0				1,430		8.1									
341223	do	Monroe	60		17.0	14.2	13.8	83.5	88.5	97.2	15.00												
Specimens																							
Totals																							
Averages																							
Mittima																							
Maxima																							
$\begin{matrix} (34) & (34) & (17) & (17) & (17) & (17) & (17) & (17) & (17) & (15) & (11) \\ 26.9 & 487.7 & 248.9 & 268.08 & 227.15 & 90.7 & 84.4 \\ 618.4 & 14.3 & 14.6 & 15.8 & 1,514.3 & 12.96 & 7.7 \\ 17.0 & 13.0 & 13.8 & 69.9 & 82.9 & 11.7 & 6.9 \\ 19.6 & 15.4 & 15.3 & 83.5 & 94.2 & 14.2 & 8.5 \end{matrix}$																							
Catalog No.	Diam. Bizygomatic maxim. (c)	$\frac{\text{Facial Index}}{c} \times 100$ ^{total}	$\frac{\text{Facial Index}}{c} \times 100$ ^{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 maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, Index	Lower Jaw, height at Symphysis	Diam. frontal minim.	
334213	14.3		48.3	11.4	10.0	10.8	67.0	40.5	3.2	3.25	4.1	3.9	78.1	83.3	5.2	2.8	53.9	6.0	7.2	83.3	4.0	9.9	
334211																						9.8	
334217																						9.7	
334203	13.9										4.1			88.9								10.2	
334214																						9.0	
334206	14.3	89.6																				9.4	
334218											4.0			83.8								8.6	
334241																						9.8	
334220																						9.8	
334226																						10.6	
334210										3.4	4.0			86.0	5.9	2.8	47.5	6.3	7.3	86.9	3.7	9.8	
334209																						9.6	
334204	14.1	83.0							3.0	3.05	3.6	3.6	83.3	87.7	5.0	2.2	44.0				3.7	10.1	

*Capacities in parentheses are but close approximations.

¹ Near.

UNDEFORMED LOUISIANA: MALES—Continued

Catalog No.	Diam. Blizygomatic	Facial Index $\left(\frac{a \times 100}{c}\right)$ total	Facial Index $\left(\frac{b \times 100}{c}\right)$ 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 maxim.	Nasal Index	Upper Alveolar Arch, length maxim.	Upper Alveolar Arch, breadth maxim.	Upper Alveolar Arch, <i>Index</i>	Lower Jaw, height at Symphysis	Diam. frontal minm.	
255154						11.0	°	°	3.95	3.85	4.2	4.2	94.0	91.7	5.35	2.6	46.7	5.7	16.7	85.1	3.7		
272887	14.6		49.6													2.5		5.4	16.9	78.5	3.4	10.3	
334219	15.7																	15.9					
272888						11.1					4.05	4.1	91.4	87.8	5.4	2.6	48.2	5.8	6.6	87.9	4.0		
255114	14.3	89.6	65.2	11.0	9.8	11.1	70.0	56.0	3.7	3.6	4.0	3.9	92.6	89.7	5.5	2.7	49.1	5.8	7.1	81.7	9.6		
334208	14.4		50.0						3.7	3.5	4.0	3.9	92.6	89.7	5.4	2.55	47.2	5.6	6.9	81.2			
272728	14.6		51.4	10.7	9.7	11.1	73.0	57.5	3.7	3.5	4.0	3.9	92.6	89.7	5.4	2.55	47.2	5.6	6.9	81.2	9.6		
334205																						9.9	
334202	14.2			8.8	8.8	10.6			3.6	3.65	4.1	3.9	85.7	89.0	5.4	2.5	46.5						
334212																							
255211	14.6	87.0	64.8	10.8	9.7	10.8	68.5	57.5	3.4	3.5	4.4	4.2	77.5	83.5	5.5	2.75	50.0	6.1	6.8	89.7	13.8		
334222	14.6																						
334223																							
272731	15.3	92.8	66.6	11.4	9.9	11.0	65.5	51.0	3.7	3.8	4.35	4.2	85.1	90.5	5.85	3.0	51.9	6.3	7.4	85.1	3.6	10.1	
255203																							
272724	14.7	89.8	65.7	10.2	8.8	10.4	69.0	54.0	3.7	3.8	4.2	3.9	88.1	97.4	5.15	2.7	52.4	5.8	6.8	85.9	4.3		
341222	14.4								3.65	3.75	4.3	4.2	84.9	89.8	5.2	2.35	45.2	5.7	6.4	89.1	4.1	10.3	
255107																							
272728	15.4	86.4	62.6	11.3	10.0	11.1	68.0	52.0	3.6	3.7	4.2	4.1	85.7	90.2	5.8	3.3	56.9	6.6	7.2	91.7	4.2		
341223	14.5			8.7	8.7	10.0			3.55	3.55	3.8	3.8	93.4	93.4	5.2	2.6	50.0					10.2	
Specimens	(17)	(7)	(10)	(7)	(9)	(13)	(7)	(7)	(12)	(15)	(12)	(15)	(12)	(15)	(15)	(16)	(15)	(13)	(12)	(12)	(12)	(16)	(21)
Totals	247.9			76.8	85.4	140.3	481.6	368.5	42.75	58.15	49.3	60.1	86.71	88.44	80.95	42.45	77.0	83.3	83.3	85.55	61.3	207.3	
Averages	14.6	88.52	52.66	10.97	9.5	10.8	68.7	52.6	3.6	3.5	3.6	3.6	77.5	82.9	5.4	2.7	49.23	5.9	6.9	85.55	3.8	9.9	
Minima	13.9	83.0	48.3	10.2	8.7	10.0	53.5	40.5	3.0	3.0	3.0	3.0	77.5	82.9	5.0	2.2	44.0	5.4	6.4	78.8	3.4	8.8	
Maxima	15.7	92.8	66.6	11.4	10.0	11.1	73.0	57.5	3.95	3.8	4.4	4.2	94.0	97.4	5.9	3.0	56.9	6.6	7.4	91.7	4.4	10.9	

1 Near.

DEFORMED LOUISIANA: MALES

Catalog No.	Collection	Locality	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. (Hrdlička's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
334251	U.S.N.M.	Pecan Island.	Adult.	Pronounced fronto-occipital flattening.	(18.6) (14.2)	(14.3)	(14.3)	(76.3)	(87.2)	(100.7)	15.70	1,540	Moderate	13.3	8.4
277730	do.	Iberville Parish	50	do.	(18.0) (14.0)	(13.9)	(13.9)	(77.8)	(86.9)	(99.3)	15.30	1,430	Slight.	12.7	7.8
277729	do.	do.	45	Moderate fronto-occipital flattening.	(19.2) (15.0)	(15.2)	(15.2)	(78.1)	(88.9)	(101.3)	16.47	1,740	do.	13.5	8.0
255102	do.	Ouachita Parish.	40	Moderate occipital flattening.	(17.2) (14.0)	(14.0)	(14.0)	(81.4)							
248803	do.	Opposite Viicksburg	Senile	Pronounced occipital flattening.	(17.4) (14.4)	(14.4)	(14.4)	(82.8)							
272889	do.	Aroyelles Parish.	Adult.	Moderate frontal flattening.	(17.8) (14.8)	(14.2)	(14.2)	(83.2)	(87.1)	(96.0)	15.60	1,540	Medium.	12.5	7.7
277726	do.	Iberville Parish	50	Moderate fronto-occipital flattening.	(18.1) (15.1)	(15.8)	(15.8)	(83.4)	(95.2)	(104.6)	16.33	1,765	Slight.	13.6	8.3
272886	do.	Aroyelles Parish.	Adult.	do.	(13.2) (15.3)	(15.0)	(15.0)	(84.1)	(89.6)	(98.0)	16.17	1,570		12.0	7.0
253215	do.	Morehouse Parish.	50	Lateral fronto-occipital flattening.	(17.7) (15.1)	(14.2)	(14.2)	(85.3)	(86.6)	(94.0)	15.67	1,400		12.0	7.4
253217	do.	do.	60	Moderate occipital flattening.	(17.1) (14.6)	(14.8)	(14.8)	(85.4)	(93.4)	(101.4)	15.50	1,440			
243798	do.	Opposite Viicksburg.	Senile	Considerable occipital flattening.	(16.8) (14.4)	(14.5)	(14.5)	(85.7)	(93.0)	(100.7)	15.23				
255201	do.	Morehouse Parish.	55	Moderate occipital flattening.	(17.7) (15.2)	(14.5)	(14.5)	(85.9)	(88.1)	(96.4)	15.80	1,570	Moderate	11.9	7.0
277732	do.	Iberville Parish.	60	Moderate fronto-occipital flattening.	(17.5) (15.2)	(15.4)	(15.4)	(86.9)	(94.2)	(101.3)	16.03	1,585	do.	11.8	7.2
255115	do.	Ouachita Parish.	60	Moderate occipital flattening.	(16.9) (14.7)	(14.3)	(14.3)	(87.0)	(90.6)	(97.3)	15.30				7.9
255204	do.	Morehouse Parish.	50	do.	(17.3) (15.1)	(15.0)	(15.0)	(87.3)	(92.6)	(99.3)	15.80	1,580	Medium.	13.4	8.0
227301	do.	Rayville.	50-55	Pronounced occipital flattening.	(16.7) (14.6)	(14.6)	(14.6)	(87.4)							7.5
248801	do.	Opposite Viicksburg.	Near senile	do.	(16.9) (15.0)	(14.9)	(14.9)	(88.8)	(93.4)	(99.3)	15.60				
255210	do.	Morehouse Parish.	50	Moderate fronto-occipital flattening.	(16.5) (14.7)	(14.7)	(14.7)	(89.1)			11,420			12.1	7.4
255104	do.	Ouachita Parish.	50	Moderate occipital flattening.	(16.5) (14.8)	(14.1)	(14.1)	(89.7)	(90.1)	(95.3)	15.13		Moderate	11.5	7.1
255202	do.	Morehouse Parish.	40	do.	(16.5) (15.0)	(14.0)	(14.0)	(90.9)	(88.9)	(93.3)	15.17	1,480	Slight.	11.0	6.6
255209	do.	do.	55	do.	(16.8) (15.5)	(15.5)	(15.5)	(92.5)	(92.5)						

¹ Near.

UNDEFORMED LOUISIANA: FEMALES

Specimens	(15)	(10)	(12)	(13)	(15)	(14)	(16)	(17)	(18)	(17)	(15)	(13)	(15)	(13)	(15)	(13)	(15)	
Totals	215.95	125.4	120.8	159.0	53.6	50.35	55.55	90.05	47.80	86.7	87.1	86.7	86.7	87.1	86.7	87.1	86.7	
Averages	14.4	86.11	70.4	54.9	3.6	4.0	4.3	89.41	60.64	5.3	2.7	50.63	5.8	6.7	86.57	3.7	86.57	
Minima	13.4	77.1	47.4	9.5	3.25	3.6	3.6	81.2	79.3	4.75	2.3	45.3	5.4	6.2	81.2	3.3	81.2	
Maxima	15.3	94.1	77.8	11.2	3.85	3.85	4.3	100.0	100.0	5.85	3.05	55.3	6.2	7.3	92.4	3.4	92.4	
343798	14.6	81.6	47.9	10.0	9.0	10.4	10.4	57.0	73.0	3.7	4.1	90.2	5.4	6.6	81.8	3.8	81.8	3.8
253201	13.3	77.1	47.4	10.8	9.8	10.9	10.9	51.0	71.0	3.85	4.15	92.8	5.4	6.5	86.2	3.5	86.2	3.5
277732	114.5	64.5	10.2	9.1	10.5	10.5	10.5	58.5	70.0	3.85	4.05	92.8	5.4	6.8	83.8	4.4	83.8	4.4
258516	14.6	81.6	47.9	10.0	9.0	10.4	10.4	57.0	73.0	3.7	4.1	90.2	5.4	6.6	81.8	3.8	81.8	3.8
258294	13.6	80.9	48.5	9.5	8.3	10.6	10.6	61.5	74.0	3.6	3.6	100.0	5.5	6.5	84.6	3.7	84.6	3.7
258296	13.4	77.1	47.4	9.5	8.3	10.6	10.6	61.5	74.0	3.6	3.6	100.0	5.5	6.5	84.6	3.7	84.6	3.7
258298	14.6	81.6	47.9	10.0	9.0	10.4	10.4	57.0	73.0	3.7	4.1	90.2	5.4	6.6	81.8	3.8	81.8	3.8
255216	114.1	61.4	10.2	10.2	10.2	11.7	11.7	61.5	74.0	3.5	3.9	86.6	5.3	6.6	84.8	3.6	84.8	3.6
343232	U.S.N.M.	Coppell Place, Pecan Island.			65	Near Seville.				17.2	12.9	75.0						
213804	do.	Opposite Vicksburg.			60					17.9	13.5	75.4	80.2	14.07	1,225			
334234	do.	Coppell Place, Pecan Island.			50					17.5	13.4	76.6	87.4	14.80	1,230			
334250	do.	Moran Mound, Pecan Island.			50					17.6	13.5	76.7	88.1	15.03	1,260			
255230	do.	Avoyeselles Parish.			Adult.					17.1	13.5	79.0	94.8					
334227	do.	Coppell Place, Pecan Island.			25					17.9	14.2	76.5						
334230	do.	do.			65					17.4	13.8	79.9						
334268	do.	do.			50					17.5	13.9	79.4						
334252	do.	do.			35					17.6	14.0	79.6						
255095	do.	Coldwell Parish.			40					17.6	14.1	80.1	91.5	15.40	1,370			
334237	do.	Coppell Place, Pecan Island.			50					17.2	13.8	80.9						
334240	do.	do.			55					18.0	14.6	81.1						

¹ Near.

¹ Near.

UNDEFORMED LOUISIANA: FEMALES—Continued

Catalog No.	Collection	Locality	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. height (b)
277733	U.S.N.M.	Iberville Parish	45	Slight fronto-occipital flattening.	17.2	14.0	13.0	81.4	85.3	92.9	14.73	1,300		10.9	6.3
334239	do.	Coppell Place, Peccan Island.	40		17.9	14.6		81.6						12.2	7.8
334238	do.	do.	60		17.5	14.3		81.7							
255094	do.	Coldwell Parish	60		17.6	14.4		81.8							
255213	do.	Morehouse Parish	40		16.6	13.6	13.6	81.9	90.1	100.0	14.60	1,215		11.7	7.1
334238	do.	Coppell Place, Peccan Island.	50		16.7	13.7		82.0						11.5	6.8
334231	do.	do.	25		17.3	14.2		82.1							
334235	do.	do.	25		16.8	13.8		82.1							
277725	do.	Iberville Parish	50	Slight fronto-occipital flattening.	17.5	14.4	13.6	82.3	85.3	94.4	15.17	1,395			7.9
272890	do.	Avozelles Parish	Adult	Slight lateral occipital flattening.	16.4	13.6	13.4	82.9	89.3	98.5	14.47	1,210			6.9
277737	do.	Iberville Parish	45	Slight fronto-occipital flattening.	17.1	14.2	14.5	83.0	92.6	102.1	15.27	1,390			7.2
255116	do.	Ouachita Parish	25	Very slight occipital flattening.	16.6	13.8	13.6	83.1	89.5	98.6	14.67			12.2	7.3
334236	do.	Coppell Place, Peccan Island.	20		17.8	14.8	13.9	83.2	85.3	93.9	15.50				
277735	do.	Iberville Parish	50	Very slight fronto-occipital flattening.	17.0	14.2	13.9	83.5	89.1	97.9	15.03	1,380		11.7	7.1
341224	do.	Monroe	26		15.7	13.3	14.0	84.7	96.6	105.3	14.33	1,270		11.1	6.7
255113	do.	Ouachita Parish	50		16.6	14.7	14.1	85.6	90.1	93.9	15.13			11.2	7.2
255207	do.	Morehouse Parish	45		16.2	14.5	14.3	83.6	93.2	98.6	15.00			11.3	6.8
334229	do.	Coppell Place, Peccan Island.	50											11.7	7.1
Specimens	(29)						(15)	(49)	(16)	(16)	(15)	(11)		(14)	(18)
Totals	499.0	403.3	207.0		223.8	14,245		223.8	14,245	161.0	127.2			161.0	127.2
Averages	17.2	13.96	13.8		81.23	89.16		81.23	89.16	98.76	14.9	1,295.0		11.5	7.1
Minima	15.7	12.9	12.6		75.0	80.2	12.6	75.0	80.2	92.9	14.33	1,210		10.9	6.3
Maxima	18.0	14.8	14.5		89.6	96.6	14.5	89.6	96.6	105.3	15.50	1,395		12.2	7.9

Near.

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{3 \times 100}\right)$	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 maxm.	Nasal Index	Upper Alveolar Arch, length maxm.	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, <i>Index</i>	Lower Jaw, height at Symphysis	Diam. frontal minim.	
334292																							
248304	13.1								3.8	3.7	4.0	4.1	96.0	90.2	5.0	2.7	51.0				3.4	9.4	
334294	14.0	82.1	49.3					3.25	3.7	3.7	3.7	3.7	87.6	87.6	5.1	2.7	62.9				3.1	9.3	
334250	13.0	87.7	64.6						3.2	3.2	3.9	3.8	88.0	84.2	5.1	2.5	49.0	5.5	6.3	87.3	2.45	9.3	
255230	13.25			10.2	9.0	10.2	69.0	55.0	3.4	3.45	3.9	3.8	87.2	90.8	5.1	2.6	61.0	5.5	6.5	84.6	3.2	9.0	
334227									3.4	3.45	3.9	3.8	87.2	90.8	5.1	2.6	61.0	5.5	6.5	84.6	3.2	9.3	
334230	13.2	85.6	51.6						3.0	3.5	3.9	3.8	92.3	92.1	4.85	2.3	47.4	5.4	6.0	90.0	3.5	9.3	
334252	13.4	84.3	60.8	10.2	8.9	10.7	75.5	50.5	3.0	3.5	3.9	3.8	92.3	92.1	4.85	2.3	47.4	5.4	6.0	90.0	3.5	9.3	
255095									3.25	3.25	3.8	3.8	85.6	86.5	4.5	2.7	60.0	5.3	6.0	88.3	3.2	10.1	
334240	12.9	84.6	48.8	10.0	8.8	10.0	72.0	48.0	3.4	3.45	4.1	4.1	82.9	84.2	5.1	2.75	53.9	6.1	6.4	96.3	3.5	9.0	
277733	14.3	85.3	64.6	11.2	10.0	10.8	66.5	58.0	3.4	3.45	4.1	4.1	82.9	84.2	5.1	2.75	53.9	6.1	6.4	96.3	3.5	9.0	
334239									3.35	3.4	3.65	3.55	91.8	96.8	4.9	2.3	46.9	6.4	16.1	88.6	3.7		
334233	14.1								3.4	3.4	3.9	3.9	87.2	87.2	5.0	2.45	42.0	5.6	6.2	90.3	3.3	9.2	
255094	12.8			9.7	8.5	9.7	69.0	53.0	3.4	3.4	3.9	3.9	87.2	87.2	5.0	2.45	42.0	5.6	6.2	90.3	3.3	9.3	
255213	13.0	90.0	64.6						3.7	3.7	3.9	3.8	94.9	97.4	5.6	2.4	42.9	6.0	6.7	89.6	3.2	9.0	
334238									3.4	3.4	3.9	3.9	89.6	84.6	4.7	2.8	59.6	5.7	16.8	83.9	3.2		
334231									3.6	3.5	3.9	3.8	92.3	92.1	5.15	2.85	55.3	5.2	6.2	88.9	3.2		
331235									3.7	3.7	3.9	3.8	94.9	97.4	5.6	2.4	42.9	6.0	6.7	89.6	3.2		
277725	14.3			10.0	8.8	10.0	67.0	54.0	3.7	3.7	3.9	3.8	94.9	97.4	5.6	2.4	42.9	6.0	6.7	89.6	3.2		
272890									3.4	3.3	3.8	3.9	89.6	84.6	4.7	2.8	59.6	5.7	16.8	83.9	3.2		
277737									3.6	3.5	3.9	3.8	92.3	92.1	5.3	2.85	55.3	5.2	6.2	88.9	3.2		
255116									3.7	3.7	3.9	3.8	94.9	97.4	5.6	2.4	42.9	6.0	6.7	89.6	3.2		
334236									3.7	3.8	3.8	3.8	97.4	100.0	5.0	2.6	52.0	5.3	6.6	80.3	3.4		
277735	12.9	90.7	55.0	9.4	8.6	9.7	70.5	61.5	3.7	3.8	3.8	3.8	97.4	100.0	5.0	2.6	52.0	5.3	6.6	80.3	3.4		
341224	12.9	86.1	51.9	9.3	8.2	9.4	70.5	49.0	3.4	3.3	3.6	3.6	90.8	91.7	4.7	2.2	46.8	5.1	6.5	78.5	3.3	8.8	
255113									3.3	3.3	3.85	3.85	85.7	85.7	5.4	2.5	50.0	5.5	6.7	82.1	3.25		
255207									3.3	3.3	3.85	3.85	85.7	85.7	5.4	2.5	50.0	5.5	6.7	82.1	3.25		
334229	13.7	85.4	51.8	10.7					3.3	3.3	3.85	3.85	85.7	85.7	5.4	2.5	50.0	5.5	6.7	82.1	3.25		
Specimens	(16)	(10)	(15)	(10)	(10)	(13)	(10)	(10)	(14)	(15)	(14)	(15)	(14)	(15)	(18)	(16)	(16)	(17)	(17)	(17)	(20)	(15)	
Totals	214.35			100.5	88.7	130.8	695.5	528.5	48.5	51.5	54.0	57.3	57.3	89.88	90.7	41.25	93.6	108.85	108.85	65.7	140.7		
Averages	13.4	86.12	52.88	10.05	8.87	10.06	69.6	5.29	3.5	3.4	3.9	3.8	89.81	84.8	5.0	2.58	51.43	5.5	6.4	85.69	3.3	9.4	
Minima	12.8	82.1	48.8	9.3	8.2	9.4	65.0	43.5	3.2	3.2	3.6	3.55	82.0	84.2	4.5	2.2	42.9	5.1	6.0	78.5	2.45	8.8	
Maxima	14.3	90.7	55.8	11.2	10.0	10.8	75.5	61.5	3.8	3.8	4.1	4.1	97.4	100.0	5.6	2.9	60.0	6.1	6.8	95.3	3.7	10.1	

1 Near.

DEFORMED LOUISIANA: FEMALES

Catalog No.	Collection	Locality	Approximate 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. (Hrdlicka's method)	Teeth, wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
277786	U.S.N.M.	Iberville Parish	60	Medium fronto-occipital flattening.	(16.7) (13.5)	(13.9)	(80.8)	(92.0)	(108.0)	14.70	1,285	Moderate	11.5	7.2	
277789	do	do	50	Moderate fronto-occipital flattening.	(16.7) (13.5)	(13.8)	(80.8)	(91.4)	(102.2)	14.67	1,275	Slight	11.7	7.3	
255105	do	Ouachita Parish	55	Moderate occipital flattening.	(17.6) (14.5)	(13.8)	(82.4)	(86.0)	(95.2)	15.30	1,410				
255208	do	Morehouse Parish	55	Slight fronto-occipital flattening.	(16.5) (13.9)	(12.5)	(84.2)	(82.2)	(88.9)	14.30	1,130			16.6	
277784	do	Iberville Parish	35	Medium fronto-occipital flattening.	(16.2) (13.8)	(13.3)	(85.2)	(88.7)	(96.4)	14.43	1,230	Slight	10.9	6.7	
255118	do	Ouachita Parish	50	Moderate occipital flattening.	(16.6) (14.2)	(14.6)	(85.5)	(94.8)	(102.8)	15.13					
255111	do	do	40	Very slight occipital flattening.	(16.6) (14.3)		(86.1)				1,390				16.2
255112	do	do	60	do	(16.8) (14.6)	(14.3)	(86.9)	(91.1)	(98.0)	15.23	1,350				
243799	do	Opposite Vicksburg.	Young Adult	Slight occipital flattening.	(16.7) (14.7)	(13.7)	(88.0)	(87.8)	(93.2)	15.03					
255103	do	Ouachita Parish	50	Moderate occipital flattening.	(16.0) (14.3)	(13.5)	(82.4)	(89.1)	(94.4)	14.00					7.0
255216	do	Morehouse Parish	35	Slight frontal and pronounced occipital flattening.	(16.6) (14.9)	(13.4)	(82.8)	(85.1)	(82.9)	14.97	1,325	Medium	11.2	7.2	
255219	do	do	45	Slight lateral, frontal and moderate lateral occipital flattening.	(16.1) (14.5)	(13.2)	(90.1)	(86.5)	(91.0)	14.60					6.5
255117	do	Ouachita Parish	22	Slight occipital flattening.	(16.3) (14.9)	(14.1)	(91.4)	(90.4)	(94.6)	15.10			Slight	11.7	6.9
277788	do	Iberville Parish	45	Marked fronto-occipital flattening.	(16.8) (15.4)	(14.0)	(91.7)	(87.0)	(90.9)	15.40	1,445	do	11.2	7.2	
255212	do	Morehouse Parish	55	Pronounced occipital flattening.	(15.7) (14.6)	(13.6)	(88.0)	(89.8)	(95.2)	14.63	1,330	Medium	10.6	6.6	
255220	do	do	50	Medium occipital flattening.	(15.5) (14.5)	(14.0)	(93.6)	(93.8)	(96.6)	14.67					

Specimens	do	do	do	(15. 5)	(14. 9)	(13. 7)	(96. 1)	(90. 1)	(92. 0)	14. 70	1. 350	6. 9
255214.....												
Very slight frontal and pronounced occipital flattening.												
Specimens.....				(17)	(17)	(16)	(17)	(16)	(16)	(16)	(11)	(12)
Totals.....				278.9	245.0	218.4	87.85	89.0	95.10	237.46	14.600	78.8
Averages.....				16.4	14.4	13.7	50.8	82.2	103.0	14.84	1,327.3	11.25
Minima.....				15.5	13.5	13.6	48.2	72.7	95.0	14.30	1,130	10.6
Maxima.....				17.6	15.4	14.6	56.1	94.8	103.0	15.40	1,430	11.7
255215.....												
Do												
Specimens.....				(17)	(17)	(16)	(17)	(16)	(16)	(16)	(11)	(12)
Totals.....				278.9	245.0	218.4	87.85	89.0	95.10	237.46	14.600	78.8
Averages.....				16.4	14.4	13.7	50.8	82.2	103.0	14.84	1,327.3	11.25
Minima.....				15.5	13.5	13.6	48.2	72.7	95.0	14.30	1,130	10.6
Maxima.....				17.6	15.4	14.6	56.1	94.8	103.0	15.40	1,430	11.7
255216.....												
Do												
Specimens.....				(17)	(17)	(16)	(17)	(16)	(16)	(16)	(11)	(12)
Totals.....				278.9	245.0	218.4	87.85	89.0	95.10	237.46	14.600	78.8
Averages.....				16.4	14.4	13.7	50.8	82.2	103.0	14.84	1,327.3	11.25
Minima.....				15.5	13.5	13.6	48.2	72.7	95.0	14.30	1,130	10.6
Maxima.....				17.6	15.4	14.6	56.1	94.8	103.0	15.40	1,430	11.7
255217.....												
Do												
Specimens.....				(17)	(17)	(16)	(17)	(16)	(16)	(16)	(11)	(12)
Totals.....				278.9	245.0	218.4	87.85	89.0	95.10	237.46	14.600	78.8
Averages.....				16.4	14.4	13.7	50.8	82.2	103.0	14.84	1,327.3	11.25
Minima.....				15.5	13.5	13.6	48.2	72.7	95.0	14.30	1,130	10.6
Maxima.....				17.6	15.4	14.6	56.1	94.8	103.0	15.40	1,430	11.7
255218.....												
Do												
Specimens.....				(17)	(17)	(16)	(17)	(16)	(16)	(16)	(11)	(12)
Totals.....				278.9	245.0	218.4	87.85	89.0	95.10	237.46	14.600	78.8
Averages.....				16.4	14.4	13.7	50.8	82.2	103.0	14.84	1,327.3	11.25
Minima.....				15.5	13.5	13.6	48.2	72.7	95.0	14.30	1,130	10.6
Maxima.....				17.6	15.4	14.6	56.1	94.8	103.0	15.40	1,430	11.7
255219.....												
Do												
Specimens.....				(17)	(17)	(16)	(17)	(16)	(16)	(16)	(11)	(12)
Totals.....				278.9	245.0	218.4	87.85	89.0	95.10	237.46	14.600	78.8
Averages.....				16.4	14.4	13.7	50.8	82.2	103.0	14.84	1,327.3	11.25
Minima.....				15.5	13.5	13.6	48.2	72.7	95.0	14.30	1,130	10.6
Maxima.....				17.6	15.4	14.6	56.1	94.8	103.0	15.40	1,430	11.7

¹ Neat.

UNDEFORMED TEXAS (NARROW TYPE): MALES

Catalog 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	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
377981	U. S. N. M.	Near Abilene	40		19.6	12.2	High	68.24	(90.57)	(113.03)	15.40				7.6
2	Witte Museum.	Shumla	65		18.7	12.4	(14.4)	(14.4)	84.24	105.65	14.73				
372528	U. S. N. M.	Goat Cave, Val Verde County.	75		19.0	12.6	13.3	66.52	84.18	105.66	14.97				
1670 A (1)	Sul Ross Teachers College.	Shumla	65		19.6	13.1	14.2	66.84	86.85	108.40	15.63				7.0
A	Witte Museum.	Shumla (1933)	80		18.8	12.6	13.6	67.02	86.62	107.94	15.00				
377983	U. S. N. M.	Near Abilene	50		19.2	13.0	High	67.71							
372525	U. S. N. M.	Goat Cave, Val Verde County.	75		18.6	12.6	12.8	67.74	82.05	101.59	14.67				
1	Witte Museum.	Shumla	60		18.7	12.7	13.2	67.91	84.08	103.94	14.87				
1670 A (2)	Sul Ross Teachers College.	do.	65		19.0	13.0	13.0	68.42	81.25	100.0	15.00				
377982	U. S. N. M.	Near Abilene	35		19.3	13.4	14.4	69.23	88.07	107.46	15.37				7.3
3037 A	Sul Ross Teachers College.	Van Horn	55		17.9	13.1	13.2	75.18	83.00	100.76	14.73				7.4
C	Witte Museum.	Shumla	Old	Somewhat pathological.	(19.1)	(12.2)	(14.2)	(64.21)	(91.03)	(116.59)	15.13				
Specimens					(11)	(11)	(9)	(11)	(9)	(9)	(11)			(1)	(4)
Totals					208.4	140.7	120.8	165.5			165.5				29.3
Averages					18.9	12.8	13.4	67.61	84.74	104.58	15.05				7.3
Minima					17.9	12.2	12.8	68.24	81.25	100.0	14.67				7.0
Maxima					19.6	13.4	14.4	75.18	90.57	118.05	15.63				7.6

Catalog 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	Diam. frontal minm.
377981	113.0	89.4	68.4					3.75	3.75	4.0	4.0	3.75	3.75	93.75	5.4	12.4	44.44	5.7	6.3	90.48		8.9
372520	12.7							3.25	3.25	3.85	3.85	3.75	3.75	86.67	4.86	2.7	65.67					
1670 A (1)	12.2		49.30		8.7	9.8		2.9	2.9	3.65	3.65	3.75	3.75	73.45	4.5	2.65	68.89					
A	13.7				8.8	10.8		3.2	3.2	4.05	4.05	4.05	4.05	79.01	5.25	2.9	65.24	5.2	6.9	75.36		
377983					9.2	10.3		3.1	3.1	3.9	3.8	3.8	3.8	79.49	5.25	2.7	51.45					13.4
372525	13.1				8.8	9.9		3.2	3.2	3.7	3.7	3.7	3.7	86.49	4.7	2.5	63.19					9.0
1	12.9				8.6	10.0		3.3	3.4	3.8	3.8	3.9	3.9	87.18	4.75	2.5	54.74					
1670 A (2)	13.5				9.0	10.4		3.1	3.15	3.75	3.75	3.75	3.75	84.0	5.25	2.5	47.62	5.3	6.4	82.67		
377982	13.8		52.90		9.4	10.8		3.4	3.2	3.9	4.05	3.75	3.75	87.18	5.05	2.5	62.48	5.8	7.0	82.88		8.7
3037A	13.0		66.92		8.5	10.0		3.4	3.4	3.75	4.0	4.0	4.0	90.67	5.4	2.4	44.44	15.4	6.6	81.82		
C	13.4				9.0	10.1		3.25	3.3	4.0	4.0	4.0	4.0	82.50	5.0	2.9	68.0					
Specimens	(11)	(1)	(4)	(3)	(9)	(9)	(3)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)	(11)	(11)	(5)	(5)	(5)	(1)	(3)
Totals	147.0		29.8	80.0	80.0	91.9	219.0	32.7	31.45	38.7	38.75	38.75	38.75	81.16	55.4	28.90	27.4	33.2	33.2	33.2	26.6	
Averages	13.4		64.86	9.9	8.9	10.2	73.0	3.3	3.1	3.9	3.9	3.9	3.9	84.50	5.04	2.6	62.17	5.5	6.6	82.53	8.9	
Minima	12.7		40.30	9.7	8.5	9.8	69.5	2.9	2.9	3.05	3.7	3.7	3.7	79.01	4.5	2.4	44.44	5.2	6.3	75.36	8.7	
Maxima	14.2		68.46	10.4	9.4	10.8	76.5	3.75	3.75	4.05	4.05	4.05	4.05	93.75	5.4	2.9	68.89	7.0	7.0	90.48	9.0	

† Near.
‡ Restored.

UNDEFORMED TEXAS (BROAD TYPE): MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxium. (glabelle ad maximum)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Height-Breadth Index	Cranial Module	Capacity, in c. (Hrdlicka's method)	Tooth wear	Menton-Nasion height (a)	Alveol. Pt.-Nasion height (b)
276098	U.S.N.M.	Port Arthur	40		18.3	14.0	High	76.5	85.7	93.7	15.03	1,400		7.9	
239717	do.	Panhandle, Wolf Creek	75		17.6	14.2		80.7							
243831	do.	Near Flat Top Mountain.	40		17.4	14.3	12.8	82.2	80.8	89.5	14.83	1,425		7.0	
243464	do.	Western Texas	65		18.2	15.2	(?)	83.5	84.0	91.9		1,510			
243480	do.	Near Victoria	50		17.6	14.8	13.6	84.1	84.0	88.5	15.33	1,435		7.2	
243337	do.	Near Jacksboro	28		17.6	14.8	13.1	84.1	80.9	83.5	15.17	1,390		7.9	
243839	do.	Near Fort Bliss	30		17.8	15.2	14.2	86.4	86.1	93.4	15.73	1,505		6.8	
Specimens.					(7)	(7)	(5)	(7)	(5)	(5)	(5)	(6)		(1)	(6)
Totals.					124.5	102.5	67.0	82.02	83.08	91.41	76.09	8,665		36.8	
Averages.					17.8	14.6	13.4				15.22	1,446.2		7.4	
Minima.					17.4	14.0	12.8	76.5	80.8	88.5	15.03	1,390		6.8	
Maxima.					18.3	15.2	14.2	86.4	86.1	93.7	15.73	1,510		7.9	
243486	U.S.N.M.	Fort Cobb	60		17.4	14.8	13.4	85.1	83.2	90.5	15.20	1,400		12.9	7.8

TONKAWAY (OKLAHOMA)

Catalog No.	Diam. Bizygomatic	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	Diam. frontal minim.
276698	---	---	---	---	---	---	---	---	3.6	3.6	3.9	3.9	92.8	90.8	5.8	2.4	41.4	5.4	7.2	76.0	---	7.6
289717	---	---	---	---	---	---	---	3.35	3.3	3.3	3.8	3.9	88.2	87.6	5.3	2.8	42.9	5.4	6.5	83.1	---	9.0
243831	14.3	---	49.0	9.9	8.8	10.0	70.5	30.0	3.0	3.0	3.9	4.1	92.3	92.6	5.2	2.8	46.9	5.4	6.5	83.1	---	10.0
243494	14.8	---	---	10.0	8.7	9.9	70.0	52.0	3.5	3.5	3.8	3.8	92.1	92.1	5.2	2.4	46.2	5.6	6.3	88.9	---	9.6
243489	13.7	87.6	62.6	10.4	9.2	10.2	66.5	55.0	3.7	3.7	4.1	4.0	90.3	92.5	5.1	2.4	45.0	5.6	7.1	89.9	---	9.6
243957	14.1	---	66.0	10.4	9.2	10.2	66.5	55.0	3.6	3.6	3.9	3.9	92.3	94.9	5.6	2.7	45.2	5.6	7.1	89.1	---	9.6
243859	14.0	---	43.6	9.6	8.7	10.4	77.0	59.0	3.3	3.3	3.6	3.6	91.7	91.7	4.8	2.8	43.3	5.1	6.1	83.6	---	9.9
Specimens.....	(5)	(1)	(4)	(4)	(4)	(4)	(4)	(4)	(7)	(6)	(7)	(6)	(7)	(6)	(7)	(7)	(7)	(6)	(6)	(6)	(6)	(6)
Totals.....	16.9	---	---	39.9	35.4	40.5	284.0	216.0	24.65	21.3	27.0	23.3	91.50	91.42	37.25	18.00	49.98	27.4	33.2	(5)	57.8	(6)
Averages.....	14.2	---	61.6	9.98	8.9	10.1	71.0	54.0	3.5	3.6	3.9	3.9	91.50	91.42	5.3	2.7	49.98	5.5	6.0	82.63	---	9.6
Minima.....	13.7	---	43.6	9.6	8.7	9.9	66.5	50.0	3.3	3.3	3.6	3.6	88.3	87.8	4.8	2.4	41.4	5.1	6.1	76.0	---	9.0
Maxima.....	14.8	---	66.0	10.4	9.2	10.4	77.0	59.0	3.7	3.7	4.1	4.1	92.3	94.9	5.8	2.8	46.8	5.9	7.2	88.9	---	10.0

TONKAWAY (OKLAHOMA)

243486 ³	14.5	89.0	53.8	10.5	9.4	10.2	65.0	54.5	3.45	3.45	4.1	4.0	84.2	86.3	5.5	2.75	60.0	6.0	6.8	88.2	3.9	9.8
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¹ Near.
² Moderately high.
³ Medicine man.

UNDEFORMED TEXAS: FEMALES
NARROW TYPE

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior max. (gabella ad maximum)	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-Nasion height (a)	Alveol. height (b)
372527	U.S.N.M.	Goat Cave, Val Verde County.	60		18.0	12.0	12.5	66.67	83.33	104.17	14.17				6.1
372528	do	Moorehead Cave, Val Verde County.	35		18.2	12.2	12.6	67.03	82.89	103.28	14.33			10.4	6.1
4	Witte Museum.	Shumla	55		17.9	12.0	12.8	67.04	85.62	106.67	14.23			10.1	6.0
3036A	Sul Ross State Teachers College.	Van Horn	30		18.5	12.8	12.5	69.20	79.87	97.66	14.60			10.9	6.5
3040A	do	do	25		18.4	13.0	13.0	70.65	82.80	100.00	14.80			10.3	5.9
243488	U.S.N.M.	Fort Cobb, ³ Washita River.	25		17.8	13.1	13.0	73.60	84.14	99.24	14.63	1,240		11.0	6.8
3038A	Sul Ross State Teachers College.	Van Horn	45		18.2	13.4	12.2	73.62	77.22	91.04	14.60			11.3	6.6
3048A	do	do	Adolescent.		16.6	11.2	11.4	67.47	82.01	101.79	13.07				6.0
372531	U.S.N.M.	Goat Cave, Val Verde County.	6-7		17.2	12.8	12.2	74.42	81.33	95.31	14.07				
Specimens					(7)	(7)	(7)	(7)	(7)	(7)	(7)	(1)		(6)	(7)
Totals					127.0	88.5	88.6	69.69	82.23	100.17	101.36			64.0	44.0
Averages					18.1	12.6	12.7	66.67	77.22	91.04	14.48			10.7	6.3
Minima					17.8	12.0	12.2	66.67	77.22	91.04	14.17			10.1	5.9
Maxima					18.5	13.4	13.0	73.62	85.62	106.67	14.80			11.3	6.8

MEDIUM TYPE

243026	U.S.N.M.	Near Jacksboro	35	17.8	13.6	76.40	92.54	14.33	1,220	11.8	7.0
243483	do	Fort Cobb	35	17.2	13.4	77.91	81.05	14.60	1,190	11.8	7.2
243492	do	Horse Head Hills	40	17.4	13.6	78.16	82.58	14.70	1,300	11.8	7.2
286840	do	Port Arthur	45	17.2	13.6	79.07	86.52	14.70	1,300	11.8	7.2
345773	do	Bloomington	60	17.8	14.1	79.21	86.52	14.70	1,300	11.8	7.2
Specimens			(5)	(5)	(5)	(5)	(5)	(3)	(3)	(1)	(3)
Totals			87.4	68.3	37.4	78.15	80.0	43.63	3,710		21.4
Averages			17.5	13.7	12.5	78.15	80.0	14.5	1,236.7		7.1
Minima			17.2	13.4	12.2	76.40	76.49	14.33	1,190		7.0
Maxima			17.8	14.1	12.8	79.21	82.58	14.70	1,300		7.2

BROAD TYPE

315117	U.S.N.M.	Gatesville	30	17.5	14.0	80.0	85.81	14.90	1,330		6.1
243833	do	Picked up on prairie	40	17.9	15.0	83.80	79.05	15.30	1,420	11.6	7.2
315113	do	Gatesville	70	16.2	14.4	88.89	88.89	14.73			
3047A	State Teachers College	Goat Cave	70								
Specimens			(3)	(3)	(4)	(5)	(5)	(3)	(2)	(1)	(2)
Totals			51.6	43.4	52.3	84.11	83.79	44.93	2,750		13.3
Averages			17.2	14.47	13.08	84.11	83.79	14.98	1,375		6.65

1 Near
 2 Restored
 3 Fort Cobb is now in Oklahoma.

UNDEFORMED TEXAS: FEMALES—Continued
NARROW TYPE

Catalog No.	Diam. Hitzgomatic	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 maxm.	Nasal Index	Upper Alveolar Arch, length maxm.	Upper Alveolar Arch, breadth maxm.	Upper Alveolar Arch, Upper Index	Lower Jaw, height at Symphysis	Diam. frontal minm	
372527	12.4	81.88	49.19	9.3	8.8	9.9	74.0	°	2.95	3.05	3.7	3.8	79.73	80.86	4.35	2.6	59.77	5.0	5.7	87.72			
372528	12.8	82.79	49.18	9.6	8.8	9.6	69.0	°	3.25	3.4	3.6	3.5	90.23	87.14	4.7	2.6	55.32	5.0	4.9	84.48			
4	12.2	90.83	54.17	10.0	8.8	9.4	67.5	°	2.9	3.45	3.7	3.6	80.19	84.44	4.4	2.15	48.86	4.9	5.3	89.83			
3036A	12.9	79.84	45.74	10.0	8.8	9.8	70.5	°	3.3	3.2	3.7	3.7	86.49	86.49	4.25	2.65	50.54	5.4	6.3	85.71			
243483	12.4	88.71	54.84	10.2	9.4	10.7	67.0	°	3.2	3.3	3.7	3.7	89.19	89.19	4.9	2.6	53.06	5.8	6.5	89.83			
3038A	12.8	88.28	51.56	9.7	8.4	9.4	67.0	°	3.3	3.45	3.8	3.65	86.84	94.52	4.5	2.6	52.61	4.7	5.9	85.48			
372531	11.4				8.1	9.1			3.4	3.6	3.6	3.6	94.44				57.78	5.3	5.7	79.66			
Specimens	(7)	(6)	(7)	(6)	(7)	(7)	(6)	(6)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(6)	(6)	(6)	(6)		
Totals	87.5	85.22	50.29	58.8	60.9	68.4	415.0	270.5	22.2	22.7	25.65	25.5	86.55	89.02	32.10	17.55	57.77	31.7	36.4	87.09			
Averages	12.5	79.84	47.66	9.8	8.7	9.8	69.17	45.08	3.2	3.2	3.7	3.5	79.75	80.86	4.6	2.15	54.67	5.3	6.1	87.09			
Minima	12.0	79.84	47.66	9.3	8.2	9.4	67.0	41.0	2.9	2.9	3.45	3.45	90.23	87.14	4.9	2.65	48.86	4.9	5.7	84.48			
Maxima	12.9	90.83	54.84	10.2	9.4	10.7	74.0	48.5	3.3	3.45	3.8	3.8	86.84	94.52	4.9	2.65	62.95	5.8	6.5	89.83			

MEDIUM TYPE

243926	13.0	38.72	68.85	8.6	10.1	61.5	3.35	3.25	3.8	3.8	58.16	85.53	4.9	2.4	48.98	5.2	6.2	83.87
243482	13.3	38.72	64.14	9.2	46.5	3.4	3.4	3.85	3.95	3.85	88.31	86.03	4.9	2.7	56.10	5.6	6.4	87.50
243492	13.7	38.72	62.56	9.7	3.3	3.35	3.3	3.8	3.7	3.8	86.84	90.54	5.0	2.9	58.0			
280840																		
345773																		
Specimens	(3)	(1)	(3)	(2)	(1)	(1)	(3)	(3)	(2)	(3)	(5)	(3)	(3)	(3)	(5)	(2)	(2)	(2)
Totals	40.0		18.9	17.2			10.05	10.0	11.45	11.45			14.8	8.0		10.8	12.6	
Averages	13.3		65.50	8.6			3.35	3.3	3.8	3.8	87.77	87.54	4.9	2.7	54.05	5.4	6.3	86.71
Minima	13.0		62.56	8.6			3.3	3.25	3.7	3.7	86.84	85.53	4.9	2.4	48.98	5.2	6.2	83.87
Maxima	13.7		64.14	9.7			3.4	3.4	3.85	3.95	88.31	90.54	5.0	2.9	58.0	5.6	6.4	87.50

BROAD TYPE

315117	13.6	37.22	44.86	8.7	9.4	68.0	3.2	3.3	3.7	3.7	86.49	80.19	4.5	2.3	51.11	5.2	5.8	89.66
249833	13.3	37.22	54.14	9.9	8.4		3.5	3.7	3.7	3.7	91.59		4.7	2.2	46.81			
315113	12.6			8.4			3.3	3.2	3.65	3.65	90.47	87.67	5.1	2.7	52.94			
3047A	13.2			8.8	9.7													
Specimens	(4)	(1)	(3)	(3)	(2)	(1)	(3)	(2)	(3)	(2)	(3)	(2)	(3)	(3)	(3)	(1)	(1)	(1)
Totals	52.7		30.1	25.9	19.10		10.0	6.5	11.05	7.35			14.3	7.2				
Averages	13.18		49.44	8.63	9.55		3.33	3.25	3.68	3.68	90.50	88.44	4.77	2.40	50.35			

¹ Near.

ABSTRACTS AND NOTES

CRANIAL INDICES IN UNDEFORMED CRANIA

State or tribe	Males		Females	
	Specimens	Means	Specimens	Means
Texas (narrow type).....	(11)	67.51	(7)	69.69
Seminoles.....	(11)	77.02	(2)	82.34
Louisiana.....	(34)	77.80	(29)	81.22
Tennessee.....	(22)	77.99	(37)	79.90
Alabama.....	(6)	78.44	(11)	81.25
Florida.....	(356)	80.69	(341)	81.21
Arkansas.....	(38)	80.81	(52)	82.95
Georgia.....	(13)	81.51	(13)	83.55
Texas (broad type).....	(7)	82.02	(3)	84.11
Mississippi.....	(5)	83.09	(6)	83.63
Choctaw.....			(4)	84.09

FLORIDA CRANIA, BY CRANIAL INDEX

Location or tribe	Males		Females	
	Specimens	Means	Specimens	Means
Seminoles.....	(11)	77.02	(¹)	-----
Pensacola Bay.....	(4)	78.96	(²)	-----
Canal Point.....			(5)	79.14
Tampa.....	(15)	79.38	(15)	79.07
Horns Island.....	(33)	79.40	(36)	79.17
Perico Island.....	(37)	79.58	(61)	80.77
Safety Harbor.....	(27)	80.30	(23)	81.84
Amelia Island, St. Augustine, New Smyrna.....	(8)	80.54	(10)	80.48
Fort Myers.....	(8)	80.56		-----
Belleglade.....	(17)	80.72	(26)	81.45
Captiva Island.....	(26)	80.81	(43)	79.95
Withlacootchee River.....	(7)	80.88		-----
Cedar Keys.....	(13)	81.10	(3)	84.43
Weeden Island.....	(13)	81.34	(22)	81.84
Clearwater.....	(7)	81.55		-----
Tarpon Springs.....	(20)	81.57	(10)	83.04
Canaveral.....	(52)	81.78	(39)	83.34
Hog Island.....	(10)	81.94		-----
Boynton.....	(¹)		(6)	82.01
Ormond Beach.....	(9)	82.07	(16)	83.06
St. Johns River.....	(16)	82.15	(7)	83.31
Melbourne.....	(6)	³ 84.19	(6)	82.39

¹ Numbers insignificant, or no specimens of this sex; see detailed charts.² None deformed.³ 3 of the skulls range from 80.1 to 83.3, 3 from 85.2 to 88.6.

In considering the above, it must be borne in mind that the numbers of specimens from the different localities are very uneven and in some of the cases not adequate enough to give more than an indication as to the type of the skull in that locality. Nevertheless the showing is of much interest. The largest part by far of the peninsula is

occupied by moderate to pronounced brachycephals. Only the northwestern portion, and the Canal Point in the southeast, tend toward narrower skulls. Such skulls characterize the Seminole, and this strain, now in the southern part of Florida, originally formed a part of the Creek and Muskogean complex, whose territories ranged from what is now northwestern Florida westward and northward. It would seem therefore that the Seminole cranial type has influenced, and that considerably, that of the northwestern parts of the State; or that the prevalent Floridian cranial type influenced what may of old have been a Seminole region.

The Canal Point exception, in the southeast, may possibly be due to Seminole influence, or even their burials, after the tribe moved southward; it is in the Seminole territory. Similar oblong individual crania are encountered also here and there along the more southern parts of the west coast of Florida.

The Seminole type itself, both in the cranial index and in other respects, connects apparently with that of the southeastern Algonkians.¹ The prevalent broader-headed and high-vaulted Floridian type connects, in turn, with that of Georgia and reaches, irregularly, as far westward at least as Mississippi. It well deserves henceforth to be known as the Gulf type of the American Indian.

THE MEAN HEIGHT INDEX

$$\left(\frac{H \times 100}{\text{Mean of } L + B} \right)$$

This very valuable index of the skull shows the following distribution in undeformed crania, in the Gulf States:

State or tribe	Males		Females	
	Crania	Mean height index	Crania	Mean height index
Texas, broad type.....	(5)	83.08	(3)	84.11
Texas, narrow type.....	(9)	84.74	(7)	82.23
Florida.....	(232)	{ 87.16 (85.04- 91.93) ¹	(194)	{ 86.50 (84.24- 88.86) ²
Arkansas.....	(30)	86.68	(50)	89.57
Seminoles.....	(11)	87.59	-----	-----
Mississippi.....	(3)	87.89	(1)	91.19
Georgia.....	(9)	88.69	(5)	87.14
Tennessee.....	(10)	89.18	(24)	89.54
Alabama.....	(2)	89.47	(5)	89.68
Louisiana.....	(17)	89.65	(15)	89.15
Choctaw.....	-----	-----	(4)	88.72

¹ Range in the different localities.

² See relevant Catalog, 1927.

The above data show, first, that Texas, in both its broad and its narrow cranial types so far as the evidence goes, stands apart from the rest of the Gulf States—its skulls are of but moderate height.

The rest of the Gulf and neighboring States stand out in this important respect as a unit, characterized throughout by a relatively high vault. With that of some of the Pueblos² it is the highest, in crania of similar breadth and cranial index, on the North American Continent. And we do not know as yet of such a broad high-headed large human group elsewhere.³ The outstanding character may be, it would seem, of a regional development.

The size of the head in the Gulf States, with the exception seemingly of Texas, compares well with that of tribes of similar stature elsewhere on the North American Continent.⁴ Among the States themselves the differences are moderate and doubtless partly due to insufficiency of numbers, partly to differences in statute.

The proportion of male to female module and capacity are about the usual for American crania; and the females show very clearly the disproportion between the module and the capacity which is characteristic of the sex.

The module and capacity in the deformed are practically the same as in the undeformed skulls, showing again that it is only the shape of the vault that suffers through the deformation.

CRANIAL MODULE AND CRANIAL CAPACITY
UNDEFORMED SKULLS¹

State or tribe	Males				Females			
	Crania	Module (mean diameter)	Crania	Capacity	Crania	Module (mean diameter)	Crania	Capacity
		Centi- meters		Cubic centi- meters		Centi- meters		Cubic centi- meters
Texas (narrow type).....	(10)	15.00			(7)	14.48	(1)	(1, 240)
Texas (broad type).....	(5)	15.22	(6)	1, 446	(3)	14.98	(2)	1, 375
Arkansas.....	(30)	15.36	(27)	1, 448	(50)	14.74	(45)	1, 277
Tennessee.....	(10)	15.54	(14)	1, 457	(24)	14.74	(22)	1, 269
Alabama.....	(2)	15.58	(3)	1, 460	(5)	14.88	(7)	1, 302
Florida.....	(232)	15.67	(78)	1, 510	(193)	14.96	(80)	1, 227
Mississippi.....	(3)	15.72						
Georgia.....	(9)	15.79			(5)	14.74		
Louisiana.....	(17)	15.80	(16)	1, 500	(14)	14.90	(11)	1, 295
Choctaw.....					(4)	14.62	(4)	1, 216
Seminoles.....	(11)	15.22			(2)	14.67		

¹ Arranged consecutively on basis of module in males.

² And the closely blood-related Navaho. See Catalog, 1931.

³ Relatively high skulls are found in narrow American crania, especially the Algonkin (Catalog, 1927), and also in some of the Eskimo (see author's "Anthropological Survey in Alaska," 46th Ann. Rep. Bur. Amer. Ethn., 1930); but those are other matters.

⁴ Compare data in previous catalog.

CRANIAL MODULE AND CRANIAL CAPACITY—Continued

DEFORMED SKULLS

State or tribe	Males				Females			
	Crania	Module (mean diameter)	Crania	Capacity	Crania	Module (mean diameter)	Crania	Capacity
		Centi- meters		Cubic centi- meters		Centi- meters		Cubic centi- meters
Arkansas.....	(32)	15.40	(28)	1,460	(45)	14.81	(37)	1,274
Tennessee.....	(13)	15.49	(16)	1,465	(17)	14.76	(17)	1,264
Mississippi.....	(10)	15.51	(11)	1,459	(11)	14.85	(10)	1,293
Louisiana.....	(17)	15.66	(15)	1,522	(16)	14.94	(11)	1,327
Florida.....	(8)	15.69	-----	-----	(5)	14.81	(3)	1,250
Alabama.....	(2)	15.84	(3)	1,483	(2)	15.35	(2)	1,320

FACIAL INDICES¹

UNDEFORMED SKULLS²

State or tribe	Males				Females			
	Speci- mens	Facial index total	Speci- mens	Facial index upper	Speci- mens	Facial index total	Speci- mens	Facial index upper
Alabama.....	(1)	(87.00)	(1)	(55.10)	(2)	87.13	(2)	54.04
Seminoles.....			(11)	52.53				
Florida.....	(60)	{ 87.34 { 84.52- 92.33) ³	(138)	{ 52.24 { 49.42- 54.68) ³	(62)	{ 87.13 { 83.52- 88.03) ³	(82)	{ 52.47 { 49.44- 53.50) ³
Georgia.....			(5)	52.43			(7)	53.45
Louisiana.....	(7)	88.32	(10)	52.56	(10)	86.12	(13)	52.88
Mississippi.....			(1)	52.86				
Tennessee.....	(4)	90.35	(7)	53.54	(10)	91.26	(17)	55.53
Arkansas.....	(23)	88.93	(26)	53.76	(24)	90.65	(33)	55.63
Choctaw.....			-----	-----	(2)	90.00	(3)	56.18

DEFORMED SKULLS

Alabama.....	(1)	(87.50)	(2)	52.04	(2)	86.31	(2)	54.95
Florida.....	(5)	91.74	(6)	54.45	(3)	89.90	(3)	55.56
Louisiana.....	(10)	86.11	(12)	52.55	(6)	83.56	(9)	51.75
Mississippi.....	(5)	84.02	(6)	51.39	(4)	86.18	(7)	52.63
Tennessee.....	(10)	87.42	(12)	51.69	(6)	89.86	(14)	54.00
Arkansas.....	(15)	87.94	(22)	53.27	(27)	89.14	(36)	54.29

¹ Arranged consecutively on the basis of the upper facial index in males.

² No definite effect on the indices observed in the moderately deformed; but in pronounced deformations the indices are lowered.

³ Range in locality groups.

These facial indices are well within one class, and both, but particularly the upper, have many analogies in other North American tribes. They are especially close to those of some of the Pueblos.⁴

⁴ See Catalogs, 1927, 1931.

No definite sex differences appear in the total index, but the numbers of specimens in this category is too irregular and mostly inadequate to be of decisive value. The upper facial index tends in general to be higher in the females, owing to the relatively smaller bizygomatic breadth in that sex.

In deformed skulls the facial indices tend to be lower, owing to the fact that the fronto-occipital compression has broadened the vault and with it the bizygomatic diameter.

FACIAL ANGLES
UNDEFORMED CRANIA

State or Tribe	Males			Females		
	Skulls	Facial angle	Alveolar angle	Skulls	Facial angle	Alveolar angle
		°	°		°	°
Florida.....	(89)	67.91	54.31	(66)	68.72	53.55
Louisiana.....	(7)	68.70	52.60	(10)	69.60	52.90
Georgia.....	(5)	70.00	52.20	(3)	70.50	50.83
Arkansas.....	(21)	70.30	55.50	(27)	68.50	51.90
Texas, broad.....	(4)	71.00	54.00	(1)	66.00	41.00
Alabama.....	(2)	71.50	54.00	(3)	70.20	53.70
Texas, narrow.....	(3)	73.00	55.00	(6)	69.17	45.08
Tennessee.....	(3)	73.83	56.17	(12)	70.71	54.33
Choctaw.....				(3)	69.17	51.67

DEFORMED SKULLS

Florida.....	(4)	68.75	57.38	(3)	69.37	50.00
Louisiana.....	(12)	70.40	54.90	(7)	70.20	54.80
Arkansas.....	(20)	70.30	55.28	(31)	68.34	51.60
Alabama.....	(2)	69.75	59.00	(2)	67.00	54.25
Tennessee.....	(8)	68.70	54.10	(11)	68.82	52.45
Mississippi.....	(5)	65.70	53.50	(4)	67.50	53.60

The differences in the group as well as sex means are moderate, irregular, and doubtless affected by uneven and mostly inadequate numbers; but as the indices are they harmonize with those of various other North American tribes¹ and show nothing special, aside perhaps from the Texas females, which show the greatest alveolar protrusion. Sex differences are fairly evident, especially in the alveolar angle—the females in general are somewhat more prognathic.

The total facial and the alveolar angle appear to be, to a considerable extent, independent of each other.

There is no clear effect of the deformation on either of the angles. In the best represented series in both categories the showings in the deformed and the undeformed crania are practically identical.

¹ See Catalog, 1931.

ORBITAL INDEX¹

State	Male				Female			
	Skulls	Index in undeformed ²	Skulls	Index in deformed	Skulls	Index in undeformed	Skulls	Index in deformed
Texas, narrow type.....	(10)	82.94	(1)	81.98	(7)	87.78	-----	-----
Tennessee.....	(14)	87.39	(15)	88.35	(23)	92.76	(17)	88.33
Alabama.....	(3)	87.56	(3)	89.10	(4)	88.73	(2)	87.87
Louisiana.....	(15)	87.66	(15)	90.00	(15)	89.85	(12)	91.00
Mississippi.....	(2)	87.75	(13)	91.18	-----	-----	(14)	88.58
Florida.....	(149)	{ 89.23 85.83- 94.87 }	(5)	90.72	(112)	{ 90.38 86.05- 95.12 }	-----	-----
Georgia.....	(9)	89.78	-----	-----	(8)	93.36	-----	-----
Arkansas.....	(29)	90.26	(27)	91.80	(34)	94.24	(41)	92.45
Texas, broad type.....	(7)	91.35	-----	-----	(3)	89.67	-----	-----

The index as a rule is higher in the females.

The range of the means is moderate, with Texas lowest, which strengthens other indications of its anthropological separateness from the rest of the Gulf States. The old native Arkansans had the highest orbits, considerably higher than the otherwise related Louisianians. The means of the Gulf region, however, fall well within those of the North American tribes.³

The index in the deformed skulls is perceptibly higher than that in the undeformed in all the male groups, but in the females the showings, in two of the better represented series at least, appear to tend in the opposite direction. The deformation in the males exceeds in general that in the females, which may be responsible for the condition; but the evidence is inconclusive.

NASAL INDEX

State or tribe	Male				Female			
	Skulls	Index in undeformed	Skulls	Index in deformed	Skulls	Index in undeformed	Skulls	Index in deformed
Georgia.....	(9)	48.43	-----	-----	(6)	46.86	-----	-----
Alabama.....	(2)	48.80	-----	-----	(4)	47.22	(2)	49.04
Tennessee.....	(14)	49.05	(15)	50.68	(23)	50.92	(18)	50.06
Louisiana.....	(15)	49.23	(17)	50.53	(16)	51.43	(16)	52.95
Mississippi.....	(3)	49.33	(12)	50.69	-----	-----	(14)	52.34
Florida.....	(180)	49.43	(6)	47.52	(123)	49.08	(4)	47.63
Arkansas.....	(30)	49.81	(28)	48.81	(37)	50.08	(42)	49.80
Texas, broad type.....	(7)	49.03	-----	-----	(3)	50.35	-----	-----
Choctaw.....	-----	-----	-----	-----	(4)	49.75	-----	-----
Seminole.....	(10)	50.58	-----	-----	-----	-----	-----	-----
Texas, narrow type.....	(10)	51.59	(1)	58.00	(7)	54.67	-----	-----

¹ Arranged consecutively.

² Mean of the two orbits.

³ In Catalogs 1927, 1931

The nasal index, barring Texas, is throughout of medium proportions (mesorhynchic); in Texas alone it rises toward platyrrhiny. This is one more difference which separates Texas crania from those of the rest of the Gulf States.

In the female skulls the index tends mostly to be slightly higher than in the males, owing to predominantly lower relative height of the female nose.

The deformed skulls show no regular significant difference in nasal index.

The mesorhynchic type of nose is widely represented in North American tribes.¹

INDEX OF THE UPPER ALVEOLAR ARCH

State or tribe	Male				Female			
	Skulls	Index in undeformed	Skulls	Index in deformed	Skulls	Index in undeformed	Skulls	Index in deformed
Tennessee.....	(12)	81.77	(12)	80.80	(16)	83.63	(16)	81.70
Texas, narrow type.....	(5)	82.53	-----	-----	(6)	87.09	-----	-----
Texas, broad type.....	(5)	82.53	-----	-----	(1)	89.66	-----	-----
Arkansas.....	(23)	84.12	(26)	82.45	(29)	81.05	(39)	85.24
Alabama.....	(3)	84.48	(2)	(79.10)	(2)	79.07	(2)	(86.26)
Mississippi.....	(1)	(84.85)	(6)	82.04	(1)	(85.48)	(10)	82.50
Louisiana.....	(12)	85.35	(13)	86.57	(17)	85.99	(7)	81.60
Florida.....	(106)	87.30	(5)	83.73	(93)	86.79	(3)	85.68
Georgia.....	(6)	87.78	-----	-----	(6)	84.65	-----	-----
Choctaw.....	-----	-----	-----	-----	(2)	83.71	-----	-----

The upper alveolar arch presents evidently regional differences of some significance. It is relatively broader in Florida and Georgia, and also Louisiana, than it is in the other States. The group range falls well within that of other North American tribes.²

Sex differences in the index are irregular and doubtless mostly unreliable owing to inadequate numbers of specimens.

The arch in the deformed in the majority of cases appears relatively slightly narrower, but there are exceptions, and the differences in the numbers of specimens in some of the cases make matters uncertain.

¹ See Catalogs 1927, 1931.

² See Catalog 1931.

SUMMARIES OF MEASUREMENTS

MALES

UNDEFORMED SKULLS

[All measurements on deformed crania affected by the deformation are in parentheses]

	Florida ¹							
	Georgia	St. Johns River	Amelia Island, St. Augustine, New Smyrna	Ormond Beach	Canaveral	Near Melbourne	Belle-glade	Pensa-cola Bay
Number of skulls ²	(13)	(16)	(8)	(9)	(52)	(6)	(17)	(4)
Vault:								
Length.....	18.00	17.96	18.11	18.26	18.06	17.91	18.21	18.13
Breadth.....	14.65	14.76	14.58	14.99	14.77	15.08	14.70	14.45
Height.....	14.55	14.20	14.00	14.12	14.38	14.32	14.43	14.80
Cranial index.....	81.51	82.15	80.54	82.07	81.78	84.19	80.72	78.96
Mean height index.....	88.69	86.55	85.55	85.04	87.64	86.37	88.19	91.93
Module.....	15.79	15.71	15.58	15.79	15.71	15.86	15.72	15.79
Capacity.....			1,492.50			1,532.00		1,535.00
Face:								
Menton-Nasion height.....	³ 12.40	³ 13.30	11.80	12.62	12.78	13.10	12.65	³ 12.90
Alveolar Point-Nasion height.....	7.46	7.42	7.38	7.37	7.62	7.93	7.67	7.63
Breadth.....	14.69	14.92	13.96	14.35	14.77	15.20	14.65	13.95
Facial index, total.....	³ 88.81	³ 86.56	³ 82.39	87.11	87.73	84.62	86.94	³ 90.21
Facial index, upper.....	52.43	49.42	52.87	50.87	51.68	52.05	53.12	³ 56.64
Orbits:								
Mean height.....	3.48		3.60	3.50	3.51	3.78	3.57	3.58
Mean breadth.....	3.88		3.97	3.81	3.99	3.99	3.94	3.78
Mean index.....	89.78		90.72	91.76	87.96	94.51	90.49	94.71
Nose:								
Height.....	5.32	5.23	5.28	5.31	5.27	5.48	5.45	5.47
Breadth.....	2.58	2.36	2.46	2.68	2.49	2.46	2.82	2.53
Index.....	48.43	45.87	46.59	50.39	47.24	44.98	61.68	46.34

¹ In geographical sequence.² Not all the measurements and determinations were possible on all the skulls; for the numbers with each item see the Summaries of Indices.³ 1 skull.

SUMMARIES OF MEASUREMENTS—Continued

MALES—Continued

UNDEFORMED SKULLS—Continued

[All measurements on deformed crania affected by the deformation are in parentheses]

	Florida ¹							
	Cedar Keys	Withla-cooche River	Tarpon Springs	Perico Island	Captiva Island	Fort Myers	Horr's Island, Collier County	Semi-noles
Number of skulls ²	(13)	(7)	(20)	(37)	(26)	(8)	(33)	(11)
Vault:								
Length.....	17.73	18.16	18.13	18.33	18.30	18.20	18.49	17.92
Breadth.....	14.38	14.69	14.79	14.58	14.79	14.66	14.68	13.80
Height.....	14.06	14.58	14.14	14.12	14.24	14.38	14.39	13.89
Cranial index.....	81.10	80.88	81.57	79.68	80.81	80.66	79.40	77.02
Mean height index.....	87.65	88.20	86.13	85.60	86.00	88.60	86.39	87.50
Module.....	15.38	15.88	15.66	15.73	15.78	15.61	15.91	15.22
Capacity.....	1,475.00				1,535.50		1,516.00	
Face:								
Menton-Nasion height.....	13.10			12.62	12.65	³ 12.50	12.72	³ 11.80
Alveolar Point-Nasion height.....	7.38		7.73	7.58	7.52	7.34	7.73	7.09
Breadth.....	14.36		14.35	14.64	14.77	14.00	14.78	13.50
Facial index, total.....	87.48			86.62	86.14	³ 86.81	87.06	³ 88.10
Facial index, upper.....	51.41		52.61	51.95	51.09	52.45	52.45	52.53
Orbits:								
Mean height.....	3.65	³ 3.65		3.63	3.67	3.70	3.62	
Mean breadth.....	4.13	³ 4.15		3.97	3.95	3.90	3.99	
Mean index.....	88.51	³ 87.95		91.63	92.83	94.87	90.69	
Nose:								
Height.....	5.12	³ 5.20	5.40	5.28	5.39	5.14	5.50	5.18
Breadth.....	2.49	³ 2.50	2.53	2.53	2.41	2.50	2.66	2.62
Index.....	49.47	³ 48.08	46.91	47.91	44.83	48.64	48.34	50.68

¹ In geographical sequence.² Not all the measurements and determinations were possible on all the skulls; for the numbers with each item see the Summaries of Indices.³ 1 skull.

SUMMARIES OF MEASUREMENTS—Continued

MALES—Continued

UNDEFORMED SKULLS—Continued

[All measurements on deformed crania affected by the deformation are in parentheses]

	Florida—Continued					Tennessee		Alabama	
	Hog Island	Safety Harbor	Clear-water	Tampa Bay	Weeden Island	Undeformed	Deformed	Undeformed	Deformed
Number of skulls	(10)	(27)	(7)	(15)	(13)	(24)	(21)	(6)	(3)
Vault:									
Length	17.72	18.18	18.11	18.17	18.05	17.04	(16.52)	18.17	(16.40)
Breadth	14.11	14.60	14.77	14.43	14.63	14.00	(15.48)	14.25	(16.20)
Height	14.02	14.26	14.25	14.27	(damaged)	14.38	(14.42)	14.45	(14.27)
Cranial index	81.94	80.80	81.55	79.88	81.34	77.99	(93.69)	78.44	(99.59)
Mean height index	88.09	87.78	86.69	89.10		89.18	(89.85)	89.47	(87.17)
Module	15.28	15.59	15.73	15.43		15.54	15.49	15.59	15.67
Capacity		1,468.00	1,491.50	1,585.00		1,456.5	1,465.5	1,400.0	1,432.5
Face:									
Menton-Nasion height	13.08	12.98	[§] 11.40	11.95		12.50	12.52	[§] 12.00	12.35
Alveolar Pt.-Nasion height	7.63	7.79	7.77	7.45	[§] 7.60	7.47	7.40	7.30	7.58
Breadth	13.91	14.33	[§] 13.10	13.98	[§] 13.90	13.89	14.31	14.05	14.50
Facial index, total	92.33	89.74	[§] 87.02	[§] 79.69		90.55	87.42	[§] 87.00	86.67
Facial index, upper	64.07	63.60	[§] 54.96	51.93	54.68	53.54	51.69	56.10	52.64
Orbits:									
Mean height	[§] 3.70	3.48	3.48	3.43	3.45	3.38	3.40	3.52	3.50
Mean breadth	[§] 4.00	3.98	4.00	4.00	3.88	3.87	3.85	4.02	3.95
Mean index	[§] 92.50	87.66	87.08	86.83	88.92	87.36	88.35	87.66	88.61
Nose:									
Height	4.85	5.41	5.30	5.25	5.43	5.24	5.17	5.22	5.18
Breadth	2.43	2.61	2.47	2.51	2.62	2.57	2.62	2.55	2.68
Index	60.00	48.22	46.54	47.86	48.16	49.06	50.68	48.80	51.20

	Mississippi		Arkansas		Louisiana		Texas		
	Undeformed	Deformed	Undeformed	Deformed	Undeformed	Deformed	Undeformed [§]	Undeformed [§]	
Number of skulls		(6)	(18)	(38)	(40)	(34)	(23)	(11)	(7)
Vault:									
Length		18.10	(16.69)	17.67	(16.89)	18.44	(17.29)	18.94	17.79
Breadth		15.04	(15.33)	14.28	(15.07)	14.34	(14.84)	12.79	14.64
Height		14.40	(14.58)	14.10	(14.27)	14.64	(14.63)	13.42	13.40
Cranial index		83.09	(91.84)	80.81	(89.29)	77.80	(85.82)	67.51	82.02
Mean height index		87.89	(91.30)	86.68	(89.37)	89.66	(90.47)	84.74	88.08
Module		15.72	15.51	15.36	15.40	15.79	15.66	15.05	15.22
Capacity		[§] 1,640.0	1,459.0	1,448.0	1,460.0	1,501.0	1,522.0		1,446.0
Face:									
Menton-Nasion height		[§] 12.10	12.13	12.33	12.30	12.96	12.44	[§] 12.70	[§] 12.00
Alveolar Pt.-Nasion height		[§] 7.40	7.32	7.48	7.46	7.67	7.55	7.33	7.36
Breadth		14.40	14.28	13.88	14.04	14.58	14.40	13.36	14.18
Facial index, total		[§] 86.43	84.02	88.95	87.94	88.82	86.11	[§] 97.69	[§] 87.69
Facial index, upper		[§] 52.88	61.39	63.76	63.27	62.66	62.65	64.28	61.62
Orbits:									
Mean height		3.31	3.51	3.54	3.54	3.55	3.58	3.21	3.53
Mean breadth		3.78	3.85	3.92	3.85	4.10	4.00	3.87	3.87
Mean index		87.75	91.18	90.26	91.80	87.66	90.00	82.83	91.55
Nose:									
Height		5.00	5.16	5.32	5.27	5.40	5.30	5.04	5.32
Breadth		2.47	2.62	2.65	2.56	2.65	2.52	2.63	2.66
Index		49.33	60.69	49.81	48.81	49.23	50.53	62.17	49.93

[§] 1 skull.

[§] Narrow type.

[§] Broader type.

SUMMARIES OF MEASUREMENTS—Continued

FEMALES

UNDEFORMED SKULLS—Continued

[All measurements on deformed crania affected by the deformation are in parentheses]

	Florida ¹						
	Georgia	St. Johns River	St. Augustine, Anastasia Island, Crescent Beach, New Smyrna	Ormond Beach	Canaveral	Near Melbourne	Canal Point
Number of skulls ²	(13)	(7)	(10)	(16)	(39)	(6)	(5)
Vault:							
Length	16.88	16.94	17.01	17.22	17.15	17.32	17.64
Breadth	14.11	14.11	13.69	14.31	14.29	14.27	13.96
Height	13.42	13.56	13.67	13.62	13.64	13.45	13.40
Cranial index	83.55	83.31	80.48	83.06	83.34	82.39	79.14
Mean height index	87.14	87.54	88.86	86.16	86.90	85.17	87.15
Module	14.74	14.85	14.78	15.08	15.01	15.01	14.72
Capacity			1,295.00			³ 1,450.00	1,270.00
Face:							
Menton-Nasion height	12.20		³ 12.00		12.04	³ 11.90	11.15
Alveolar Pt. Nasion height	7.09	³ 6.40	7.20	6.93	7.17	7.15	6.60
Breadth	13.29	³ 12.80	13.05	13.40	13.83	13.55	13.35
Facial index, total	98.85		³ 90.91		88.03	³ 88.20	83.52
Facial index, upper	53.45	50.00	³ 57.58	51.74	52.36	52.77	49.44
Orbits:							
Mean height	3.63		3.43	⁴ 3.30	3.51	3.40	3.29
Mean breadth	3.89		3.67	⁴ 3.90	3.87	3.88	3.58
Mean index	93.36		93.46	⁴ 84.62	90.56	87.74	91.96
Nose:							
Height	5.18	4.90	4.87	4.93	5.13	5.05	4.75
Breadth	2.43	2.00	2.25	2.53	2.47	2.45	2.45
Index	40.14	40.82	46.39	51.35	48.18	48.51	51.58

¹ In geographical sequence.² Not all the measurements and determinations were possible on all the skulls; for the numbers with each item see the Summaries of Indices.³ One skull.⁴ Lefts only.

SUMMARIES OF MEASUREMENTS—Continued

FEMALES—Continued

UNDEFORMED SKULLS—Continued

[All measurements on deformed crania affected by the deformation are in parentheses]

	Florida ¹						
	Belle- glade	Near Boynton	Tarpon Springs	Safety Harbor	Tampa Pay	Weeden Island	Perico Island
Number of skulls ²	(26)	(6)	(10)	(23)	(15)	(22)	(61)
Vault:							
Length.....	17.29	17.23	16.97	17.24	17.36	17.19	17.47
Breadth.....	14.09	14.13	14.09	14.11	13.97	14.07	14.11
Height.....	13.71	13.37	13.13	13.37	13.79	-----	13.63
Cranial index.....	81.45	82.01	83.04	81.84	79.07	81.84	80.77
Mean height index.....	87.03	85.68	85.92	86.31	88.55	-----	86.37
Module.....	15.07	14.85	14.56	14.78	14.94	-----	15.06
Capacity.....	-----	1,333.00	-----	1,251.40	-----	³ 1,360.00	³ 1,200.00
Face:							
Menton-Nasion height.....	11.40	-----	-----	11.45	11.10	-----	11.97
Alveolar Pt. Nasion height.....	7.03	-----	7.07	6.88	6.86	³ 7.10	7.16
Breadth.....	13.50	-----	³ 13.90	13.10	13.40	³ 13.30	13.67
Facial index, total.....	84.76	-----	-----	87.79	83.64	-----	87.85
Facial index, upper.....	52.23	-----	³ 51.08	52.42	51.49	³ 53.58	52.60
Orbits:							
Mean height.....	3.67	-----	-----	3.34	3.31	³ 3.60	3.48
Mean breadth.....	3.86	-----	-----	3.88	3.65	³ 3.70	3.85
Mean index.....	95.12	-----	-----	86.05	90.75	³ 97.50	90.52
Nose:							
Height.....	5.01	-----	5.07	4.94	4.90	³ 5.20	5.01
Breadth.....	2.68	-----	2.30	2.43	2.43	³ 2.40	2.50
Index.....	53.42	-----	45.39	50.25	49.66	³ 46.15	49.90

¹ In geographical sequence.² Not all the measurements and determinations were possible on all the skulls; for the numbers with each item see the Summaries of Indices.³ One skull.

SUMMARIES OF MEASUREMENTS—Continued

FEMALES—Continued

	Florida		Tennessee		Ala- bama	Choc- taw	Mississippi	
	Captiva Island	Horr's Island, Collier County	Unde- formed	De- formed			Unde- formed	De- formed
Number of skulls.....	(43)	(36)	(37)	(24)	(11)	(4)	(6)	(26)
Vault:								
Length.....	17.60	17.65	16.99	(15.83)	17.06	16.50	17.00	(15.72)
Breadth.....	14.07	13.97	13.58	(14.70)	13.85	13.88	14.22	(15.01)
Height.....	13.24	13.27	13.68	(13.78)	13.82	13.48	14.50	(13.90)
Cranial index.....	79.95	79.17	79.90	(92.89)	81.25	84.09	83.63	(95.42)
Mean height index.....	84.24	85.50	89.54	(90.59)	89.68	88.72	91.19	(90.69)
Module.....	14.89	14.77	14.74	14.76	14.88	14.62	15.43	14.85
Capacity.....	1,287.50	1,297.90	1,269.1	1,264.4	1,302.0	1,216.3	1,175.0	1,293.5
Face:								
Menton-Nasion height.....	11.60	11.80	11.59	11.80	11.87	11.25		11.80
Alveolar Pt.-Nasion height.....	7.07	7.20	6.99	7.11	7.18	6.97	6.50	7.07
Breadth.....	13.38	13.42	12.62	13.19	13.23	12.45	13.40	13.50
Facial index, total.....	86.78	87.25	91.26	89.86	87.15	90.00		86.18
Facial index, upper.....	52.92	53.50	55.53	54.00	54.04	56.18	48.50	52.63
Orbits:								
Mean height.....	3.35	3.53	3.38	3.33	3.49	3.46	3.50	3.40
Mean breadth.....	3.78	3.86	3.65	3.77	3.93	3.83	4.00	3.84
Mean index.....	88.53	91.46	92.76	88.33	88.73	90.88	85.80	88.58
Nose:								
Height.....	5.10	5.06	4.95	4.92	5.16	4.98	4.70	4.95
Breadth.....	2.42	2.43	2.52	2.46	2.44	2.48	2.50	2.59
Index.....	47.44	48.00	50.92	50.06	47.22	49.75	53.19	52.34

	Arkansas		Louisiana		Texas		
	Unde- formed	De- formed	Unde- formed	De- formed	Unde- formed ⁵	Unde- formed ⁶	Unde- formed ⁷
Number of skulls.....	(52)	(51)	(29)	(17)	(7)	(5)	(3)
Vault:							
Length.....	16.69	(16.11)	17.21	(16.40)	18.14	17.48	17.20
Breadth.....	13.84	(14.63)	13.98	(14.41)	12.64	13.66	14.47
Height.....	13.63	(13.72)	13.80	(13.71)	12.66	12.47	13.08
Cranial index.....	82.95	(90.79)	81.22	(87.55)	69.69	78.15	84.11
Mean height index.....	89.57	(89.38)	89.15	(89.00)	82.23	80.00	83.79
Module.....	14.74	14.81	14.91	14.84	14.48	14.54	14.98
Capacity.....	1,277.4	1,273.5	1,295.0	1,327.3	1,240.0	1,236.5	1,375.0
Face:							
Menton-Nasion height.....	11.56	11.39	11.50	11.25	10.67	11.80	11.60
Alveolar Pt.-Nasion height.....	7.13	7.15	7.07	6.86	6.29	7.13	6.65
Breadth.....	12.88	13.26	13.40	13.34	12.50	13.33	13.18
Facial index, total.....	90.65	89.14	86.12	83.56	85.22	88.72	87.22
Facial index, upper.....	55.63	54.29	52.88	51.75	50.29	58.50	49.44
Orbits:							
Mean height.....	3.53	3.50	3.45	3.49	3.21	3.34	3.30
Mean breadth.....	3.74	3.70	3.84	3.84	3.65	3.82	3.68
Mean index.....	94.24	92.45	89.85	91.00	87.78	87.65	89.67
Nose:							
Height.....	5.07	5.03	5.04	4.92	4.59	4.93	4.77
Breadth.....	2.54	2.50	2.58	2.60	2.51	2.67	2.40
Index.....	50.08	49.88	51.43	52.95	54.67	54.05	50.35

⁴ One skull.⁵ Narrow type.⁶ Medium type.⁷ Broad type.