

CATALOGUE OF HUMAN CRANIA IN THE UNITED STATES NATIONAL MUSEUM COLLECTIONS

By ALEŠ HRDLIČKA¹

Curator, Division of Physical Anthropology, United States National Museum

In 1925, under the auspices of the Smithsonian Institution and the Buffalo Society of Natural Sciences, the writer made a seven-month journey to south Asia, Java, Australia, and South Africa.² One of the principal aims of this trip was to examine, by the instruments and methods used in measuring the American material that is being published in this catalogue, all the Australian, Tasmanian, and South African crania that could be located, so as to obtain uniform and as extensive as possible data on this rare material, and to get all possible further light on the problems of the racial status of the Tasmanians, Bushmen, and Hottentots.

In Australia was found a great deal more than was expected, and due to the kind cooperation of the Australian museums and departments of anatomy in Adelaide, Melbourne and Sydney, as well as that of scientific men outside of these establishments,³ it was possible to measure there nearly 1,000 crania identified as to locality, besides a small series of the skulls of Tasmanians. The data on the latter could later be supplemented, thanks to the courtesy of Sir Arthur Keith, by the writer's measurements on all the well-identified Tasmanian skulls in the Royal College of Surgeons, London.

The South African material was rather disappointing. An important part of the cranial collections at Cape Town had been sent some time previously to Switzerland, and at Johannesburg the anthropological collections are just starting. Nevertheless, in the Museum

¹ See also first section of this catalogue on the Mongolians, Eskimo, Aleuts, and Alaska Indians in the Proceedings of the U. S. National Museum, vol. 63, art. 12, published on March 14, 1924. A second section on the Algonkin and related Iroquois, Siouan, Caddoan, Salish and Sahaptin, Shoshonean, and Californian Indians, published in the Proceedings of the U. S. National Museum, vol. 69, art. 5, was issued on May 4, 1927.

² See *Smithsonian Explorations*, etc. in 1925, Wash., 1926, 58 *et seq.*

³ Cordial thanks of the writer are due particularly to: Dr. E. A. White, director of the Museum, Adelaide; Dr. J. A. Kershaw, curator of the National Museum, Melbourne; Dr. C. Anderson, director of the Australian Museum, Sydney; Professors of Anatomy R. J. A. Berry (Melbourne), F. Wood Jones (Adelaide), and A. N. Burkitt (Sydney); Drs. Herbert Basedow and R. H. Pülleine at Adelaide; and the United States consul general at Melbourne.

and the Anatomical Department at Cape Town there were found series of valuable specimens, which were measured.⁴

The measurements, together with those of the few crania from Australia in the possession of the United States National Museum, are given in this number of the catalogue, with such simple deductions as appear to be most obvious; the main object of this catalogue being not so much to discuss results as to present to anthropological workers anthropometric data obtained carefully, uniformly and by well-tested instruments, so that they may be utilized with due confidence for racial and especially variational studies.

The Australian data have been arranged on a geographical basis, and by the value of the cephalic index. A more detailed geographical subdivision would have been of little value, for some of the localities are hard to find on the maps, and do not represent different tribes; while for a tribal subdivision the information found with the specimens was mostly insufficient.

The utmost care was given to the identification of the sex, and whenever other parts of the skeleton were present they were consulted, unless the identification of the skull was plain. The sexing of the Australian skull is not always easy, some of the females closely resembling males, and the same applies, though for the opposite reason (some of the males presenting rather female characters), to the South African blacks. It is no wonder that some of the older sex identifications, particularly perhaps with the Tasmanians, were found to be erroneous.

No immature, deformed, abnormal, or mix-blood (so far as known, or where there was a justified suspicion) specimens were included.

In Australia considerable difficulty was encountered with the measurements of the face and the nose. There was a widespread habit among the people of that continent to knock out, on the advent of adolescence, from one to four of the front teeth, the result being more or less absorption of the alveolar process and loss of the alveolar-point landmark. With the nose, on the other hand, the difficulty lay in the peculiarity of the lower border of the aperture. In many cases there was found a double inferior border, a higher internal and a lower external one, with a depression (prenasal fossa) between; or there was but the higher border, the lower one being indistinct. The proper measurement of the nasal height, it was determined, is to the level of the upper border, which is also the level of the nasal floor. No other race presents such great difficulties in this region as the Australians (and Tasmanians), and it is practically certain that in some previous records on the Australian skulls the nasal height has been measured so that the results are not comparable with ours.

⁴ Thanks for kind aid in this task are due to Prof. M. R. Drennan, anatomist of the Cape Town University; the authorities of the Cape Town Museum; and to Prof. Raymond A. Dast, anatomist of the University of Johannesburg.

A large majority of the specimens here given have been measured or are reported upon for the first time. In other cases, especially with the Tasmanians, the crania have been worked over previously, in some instances more than once; but details and especially uniformity were generally lacking.

The measurement of cranial capacity could, regrettably, not be taken, due to lack of necessary apparatus. In estimating this it should be borne in mind that the Australian skull is on the average very perceptibly thicker than that of the white man.⁵

ABBREVIATIONS

- A. L. A.=Anatomical Laboratory, University of Adelaide.
 A. L. M.=Anatomical Laboratory, University of Melbourne.
 A. L. S.=Anatomical Laboratory, University of Sydney.
 A. M. S.=Australian Museum, Sydney.
 C. T. U.=Department of Anatomy, Cape Town University.
 N. M. M.=National Museum, Melbourne.
 R. C. S.=Royal College of Surgeons, London.
 S. A. M.=South African Museum, Cape Town.
 S. A. M. A.=South Australian Museum, Adelaide.

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| ¹ About. | ²³ Alveolar process in good condition. |
| ² Teeth medium worn (more than moderate). | ²⁴ Teeth in very good condition. |
| ³ Not high. | ²⁵ Front teeth slightly worn. |
| ⁴ Teeth somewhat worn. | ²⁶ Occiput somewhat compressed. |
| ⁵ Near. | ²⁷ Teeth nearly in good condition. |
| ⁶ Right upper median incisor missing (knocked out). | ²⁸ Vault not fully normal. |
| ⁷ Teeth slightly worn. | ²⁹ Right incisor knocked out. |
| ⁸ Left upper median incisor missing (knocked out). | ³⁰ Teeth very much worn. |
| ⁹ Teeth in good condition (not worn or worn but very slightly). | ³¹ Upper right incisors missing. |
| ¹⁰ Teeth much worn. | ³² Teeth lost. |
| ¹¹ Teeth moderately worn. | ³³ Right upper lateral incisor missing. |
| ¹² Teeth medium worn. | ³⁴ Zygomae very heavy. |
| ¹³ Upper median incisors missing. | ³⁵ All upper incisors missing. |
| ¹⁴ Left lower median incisor missing. | ³⁶ Left upper lateral incisor missing. |
| ¹⁵ Teeth mostly lost. | ³⁷ Very megasemic. |
| ¹⁶ Moderately high. | ³⁸ Rather low. |
| ¹⁷ Right lower median incisor missing. | ³⁹ Not exceptionally high. |
| ¹⁸ Lower border distinct. | ⁴⁰ No abscesses. |
| ¹⁹ Right. | ⁴¹ Right upper incisors missing (knocked out). |
| ²⁰ Left. | ⁴² Lower laterals broken. |
| ²¹ Lower median incisors missing. | ⁴³ Lower border nearly distinct. |
| ²² Low. | ⁴⁴ Both upper median and right upper lateral incisors missing. |
| | ⁴⁵ Median incisors missing. |

⁵ For efficient help in the preparation of the data for publication, with this as with the previous numbers of this catalogue, the author is indebted to Mr. Dale Stewart, aide in the Division of Physical Anthropology, United States National Museum.

AUSTRALIANS

SOUTH AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (gabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
633	S. A. M. A.	Meningie	Adult	21.6	12.9	(13.6)	59.7	(79.1)	(31.03)			12.7			10.9	10.6
48	do.	Near Adelaide	do.	19.6	12.4	13	63.3	81.2	15						10.2	10.2
H14	do.	Murray Bridge	do.	19.4	12.3	13.1	63.4	82.9	14.93						11.4	10.9
297	do.	Swanport	do.	20.1	12.8	12.2	63.7	74.4	15.03	± 12	7.5	14.2	84.5	52.8		
B9	do.	Near Adelaide	do.	19.7	12.6	12.2	64				6.4	12.8		50		
256	do.	Fulham	do.	19.7	12.8	12.3	65	75.9	14.93	+ 11.4	6.8	13.5	85.9	52.6	10.9	10.4
444	do.	Near Morgan	do.	19.7	12.8	13.4	65	82.7	15.3	+ 11.6	7.1	13.5		41.3	10.6	10.4
329	do.	Swanport	do.	18.7	12.2		65.2				6.5	13.8		50	10.5	10.1
321	do.	do.	do.	20.2	13.2	13.5	65.4	80.8	15.63	+ 11.2	6.9	13.8	81.2	50	10.8	10.6
322	do.	do.	do.	19.7	12.9	13.8	65.5	84.7	15.47	+ 11.4	6.7	13.5	84.4	49.6		
372	do.	Fulham	do.	19.2	12.6	13	65.6	81.8	14.93							
e1367	do.	Adelaide	do.	19.2	12.6	13.5	65.6	84.9	15.1	+ 11.8	7.4	13.4	83.7	55.2	10.6	10.4
L	do.	Near Murray Bridge	do.	19.2	12.6	13.2	65.6	83	15.1	+ 11.4	7	13.6	83.8	51.2	11.3	10.6
d1D	do.	Torren's Island	do.	20.4	13.4	13.5	65.7	79.9	15.77		7.8				10.9	10.9
104	do.	N. W. Bend	do.	19.1	12.6	13.4	66	84.8	15.03		7.5	13.5		55.6	10.8	10.2
300	do.	Swanport	do.	19.4	12.8	12.4	66	77	14.87	+ 10.3	6.4				11.3	10.7
e11459	do.	Near Adelaide	do.	18.8	12.4		66				6.4					
40	A. L. A.	Bookabee	do.	20.6	13.6	13	66	76	15.73	+ 11	6.7	13.7	80.9	48.9	11.8	10.6
382	S. A. M. A.	Sydenham, Torrens River	do.	19	12.6	13.2	66.3	83.5	14.93		6.9	13.4		51.5	10.5	10.2
C1	Dr. Campbell's	"Extreme South"	do.	18.1	12	12.6	66.3	84	14.23		6.5	12.2		53.3	10.2	9.8
B6	S. A. M. A.	Coorong	do.	19.7	13.1	12.5	66.5	76.2	15.1	+ 11.9	7.7	13.3	89.5	57.9	11	10.5
260	do.	Swanport	do.	19.5	13	12.4	66.7	76.5	14.97		6.7	14		47.9	11.2	10.8
335	do.	do.	do.	19.8	13.2	12.5	66.7	75.8	15.17	+ 10.7	6.4	13.6	78.7	47.1	11.4	10
344	do.	do.	do.	19.8	13.2	13.7	66.7	83	15.57							
224	do.	Port Pirie	do.	18.7	12.5	13.8	66.8	83.5	15		6.5	13		50	10.8	10.4
246	do.	Swanport	do.	19.3	12.9	13.2	66.8	82	15.13		7.2	13.3		54.1	11.1	10.4
264	do.	do.	do.	18.7	12.5	13	66.8	83.3	14.73		6.9	12.8		53.9	10.1	10
31	A. L. A.	North West Bend	do.	19.1	12.8	13.4	67	83.8	15.10		6.6	13.4		49.2	10.7	10.3
293	S. A. M. A.	Swanport	do.	18.8	12.6	13.1	67	83.7	14.83	+ 10.6	6.8	13.6	77.9	50	10.3	10.3
127	do.	Innamurka	do.	18.9	12.7	13.2	67.2	83.5	14.93	+ 11.6	7	13	89.2	53.8	10.2	9.9

302	do	Swampport	do	19.2	12.9	12.9	12.1	67.2	75	14.70	12.2	7.7	13.8	88.4	55.8	11.1	10.4
313	do	do	do	18.9	12.7	13.5	13.8	67.2	82.9	14.90	12.6	7.6	13.8	91.3	55.1	10.8	10.6
A1	do	Wilmington	do	18.9	13.5	13.5	13.5	67.2	86.4	15.03	13.7	8.3	13.1	102.2	61.9	11.1	11.5
*23	do	Mannum	do	19.6	13.2	13.3	13.3	67.4	81.1	15.37	13.7	8.3	13.4	102.2	61.9	11.1	10.3
330	do	Swampport	do	19.6	12.8	12.7	12.7	67.4	79.9	14.83	10.3	6.3	13.6	75.7	44.6	10.2	10.2
416	do	Wood's Point	do	19.3	13.5	13.5	13.5	67.4	82.9	15.27	11.3	7.2	13	86.9	55.3	10.9	9.6
e G	do	Mallala	do	19.3	12.7	12.7	12.7	67.4	79.9	14.83	11.7	7.4	13.2	88.6	56.1	11	10.4
16	A. L. A.	Oodnadatta	do	19.1	12.8	12.7	12.7	67.6	81.2	15	11.7	6.7	14	47.9	47.9	10.2	10.4
36	S. A. M. A.	Umberatana	do	19.1	12.9	13	13	67.6	81.2	15	11.7	6.7	14	47.9	47.9	9.8	9.8
124	do	Cooper Creek	do	18.8	12.7	13.1	13.1	67.6	82.9	14.87	10.8	6.5	13.4	30.6	48.6	10.8	10.4
234	do	Swampport	do	19.2	13	13.2	13.2	67.7	75.6	15.03	10.9	6.6	13.9	75.4	47.5	10.2	10.2
A3	do	Near Adelaide	do	19.5	13.2	12.4	12.4	67.7	75.6	15.03	10.9	6.6	13.9	75.4	47.5	10.1	10.1
373	do	Fulham	do	19.8	13.4	11.6	11.6	67.7	69.9	14.93	10.8	6.6	13.6	31.5	50.8	10.5	10.4
H3	do	Myiyanva Jetty	do	19.2	13	13.7	13.7	67.7	85.1	15.30	11.9	6.6	13.4	37.5	50.7	10.5	10.4
e H3	do	Tallem Bend	do	19.2	13.3	13.6	13.6	67.9	82.9	15.50	12.1	6.8	14.4	77.8	47.2	10.2	9.8
e 26	S. A. M. A.	Coorong	do	19.6	13.3	13.7	13.7	67.9	82.9	15.50	12.1	6.8	14.4	77.8	47.2	10.2	10.2
131	do	Tallem Bend	do	19.6	13.3	13.6	13.6	67.9	87.2	14.77	12.1	7.3	13.3	91	54.9	10.6	10.8
159	do	Morgan	do	19.4	13.2	13.6	13.6	68	83.4	15.40	12.1	7.3	13.3	91	54.9	10.6	10.2
e 11, 438	do	Near Adelaide	do	19.4	13.2	13.6	13.6	68	83.4	15.40	12.1	7.3	13.3	91	54.9	10.6	10.2
369	do	Fulham	do	19.4	13.2	13.6	13.6	68	83.4	15.40	12.1	7.3	13.3	91	54.9	10.6	10.2
I	do	do	do	19.8	13.5	13.5	13.5	68.2	86.9	15.57	12.1	7.3	13.3	91	54.9	10.6	10.8
116	do	Coorong	do	18.6	12.7	12.9	12.9	68.3	82.7	14.73	11.9	7.4	13	91.5	56.9	10.3	9.8
225	do	Marion	do	19.3	13.2	13.2	13.2	68.4	80.2	15.17	12.1	7.3	12.8	94.6	57	11.0	10.6
308	do	Swampport	do	19.3	13.2	12.6	12.6	68.4	77.8	15.03	11.2	6.7	13.2	84.8	50.8	10.9	10
e 11, 413	do	do	do	19	(13)	13.4	13.4	68.4	82.4	15.53	11.2	6.9	13.1	86.3	54.2	11	11
a 255	do	do	do	19.6	13.4	13.6	13.6	68.4	82.4	15.53	11.2	6.9	13.1	86.3	54.2	11	11
108	do	Walkerville	do	19.6	13.4	12.9	12.9	68.4	78.2	15.30	11.2	6.9	13.1	86.3	54.2	11	11
M	do	Torrans Island	do	18.4	12.6	13	13	68.5	82.9	14.67	11.9	7.3	12.7	93.7	57.5	11.1	10.2
H3	do	Murray Bridge	do	18.5	12.7	13.2	13.2	68.6	84.6	14.80	12.1	7.1	13.2	88.6	53.8	10.9	9.7
388	do	Mount Gambier	do	18.8	12.9	13.4	13.4	68.6	84.8	15.03	11.3	6.8	14.2	79.6	47.9	10.1	10.5
6	A. L. A.	do	do	19.4	13.3	14	14	68.6	85.7	15.57	11.3	6.8	14.2	79.6	47.9	10.1	10.5
311	do	Adriasson	do	20.4	13	13.2	13.2	68.6	76.7	15.87	13.3	8.6	14.3	91.6	60.1	11.4	11.2
112	S. A. M. A.	Swampport	do	19.5	13.4	13.4	13.4	68.7	81.7	15.43	11.8	7.4	13.5	87.4	54.8	10.8	11.2
162	do	Hindmarsh Island	do	19.2	13.2	12.5	12.5	68.8	77.2	14.97	11.8	6.8	13.6	50	50	10.3	10.8
237	do	Morgan	do	19.2	13.2	13.6	13.6	68.8	84	15.33	11.8	7.4	14.3	61.8	61.8	11.1	10.4
384	do	Swampport	do	19.2	13.2	12.9	12.9	68.8	79.6	15.30	10.8	6.8	14.3	80.6	50.8	10.8	10.2
d A	do	Sydenham, Torrrens River	do	19.2	13.2	13.2	13.2	68.8	81.5	15.20	10.8	6.8	13.7	49.6	49.6	11.6	10.6
N	do	Near Adelaide	do	19.2	13.2	13.6	13.6	68.8	84	15.33	10.8	6.8	13.4	49.2	49.2	10.2	10.4
C3	do	Coorong	do	18.6	12.5	11.6	11.6	68.8	74.9	14.33	12.2	6.6	13.4	87.1	55.7	11.2	9.9
298	Dr. Campbell's	Lower Murray River	do	19.2	13.2	13.8	13.8	68.8	85.9	15.40	12.2	6.9	13.7	50.4	50.4	11.1	10.1
H1	S. A. M. A.	Lake Alexandrina	do	19.7	13.6	12.6	12.6	69	75.9	15.30	12.2	7.2	13.6	52.9	52.9	10.7	10.4
333	do	Swampport	do	19	13.1	12.8	12.8	69	80	14.97	11.0	7.3	14	82.9	62.1	11.3	10.2
16, 566	do	Inkerman	do	18.7	12.9	13.1	13.1	69	84.8	15	11.0	6.7	14	47.9	47.9	10.3	10.6
99	do	Coorong	do	19.7	13.6	13.3	13.3	69	80.1	15.53	11.0	6.7	14	47.9	47.9	10.5	10.5
345	S. M. M.	Lake Coorong	do	19.7	13.6	13.6	13.6	69	79.5	15.30	11.0	6.7	14	47.9	47.9	10.5	10.5
e 11, 450	S. M. A.	Meningie	do	20.4	14.1	13.6	13.6	69.1	79.1	16.03	11.4	7	13.9	82	60.4	11.1	10.1
44	do	Near Turbony Bay	do	19.4	13.4	13.9	13.9	69.1	84.8	15.57	11.4	7.2	14.2	49.8	49.8	11	10.6
	Dr. Bagedow's	Collinsville	do	19.1	13.2	13.4	13.4	69.1	82.7	15.23	11	7.2	13.5	81.5	68.8	11.1	10.6
	S. A. M. A.	Near Adelaide	do	19.4	13.4	13.6	13.6	69.1	82.9	15.47	12.2	7.3	13.1	93.1	55.7	11.1	10.7
	do	do	do	18.2	12.6	12.1	12.1	69.2	78.6	14.30	12.2	7.2	12.6	57.1	57.1	10.6	9.9

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
156	S. A. M. A.	Miliang	Adult	19.5	13.3	13.2	69.2	80	15.40	10 11.7	17	13.8	84.8	60.7	10.5	10
238	do	Swanport	do	18.5	13.5	12.9	69.2	82.7	14.73	10 10.4	6.2	13.9	74.8	44.6	10.5	10.6
295	do	do	do	19.8	13.7	14	69.2	83.3	15.83	7 11.1	7.2	13.5	82.2	19.8	11	10.6
363	do	Fulham	do	20.1	13.9	12.8	69.2	75.8	15.60	7 12.1	7.2	13.5	82.2	19.8	10.2	10.2
*35	A. L. A.	Glanville	do	18.8	13	12.4	69.2	78	14.73	4 11.2	6.7	12.9	86.8	51.9	10.7	10.3
C1	Dr. Campbell's	Lower Murray River	do	17.6	13	13.6	69.2	85.5	15.13	13.7	8	13.7	86.8	51.9	10.7	10.3
*107	S. A. M. A.	Plympton	do	18.0	12.2	12.8	69.3	85.9	14.20	10 11.3	7.2	12.7	89	56.7	11.9	10.5
161	do	Morgan	do	18.9	13.1	12.4	69.3	77.5	14.80	6.5	6.8	13.6	87.6	47.8	11.2	10.2
11	do	Parallana	do	19.3	13.4	12.8	69.4	78	15.17	15.17	6.8	13.6	87.6	47.8	9.4	9.9
168	do	Clare	do	19.6	13.6	12.9	69.4	77.7	15.37	15.37	7.1	14.4	88.9	49.8	11.8	10.5
86	do	Coorong	do	19.7	13.7	13	69.5	77.8	15.47	4 12	8	13.5	88.9	49.8	10.8	10.5
11	A. L. A.	do	do	19.4	13.2	12.5	69.6	77.6	14.90	12 11.5	8	13.5	86.2	50.4	9.7	10.2
233	S. A. M. A.	Swanport	do	19.4	13.5	12.4	69.6	75.6	15.10	9 10.9	8	14.3	76.2	45.4	10.9	10.4
292	do	do	do	19.4	13.5	13.3	69.6	81.1	15.40	13.6	6.5	13.6	76.2	45.4	10.9	10.2
355	do	Fulham	do	19.4	13.5	13.7	69.6	83.5	15.53	13.6	8	13.6	76.2	45.4	10.9	10.2
415	do	Wood's Point, Murray River	do	19.1	13.3	12.4	69.6	79.5	14.93	4 11.3	6.6	14.2	79.6	46.5	11	10.2
H6	do	Coorong	do	19.1	13.3	13.2	69.6	81.5	15.20	13.3	7.4	13.3	79.6	46.5	11	10
15, 397	N. M. M.	Tallem Bend	do	19.4	13.5	13.4	69.6	81.7	15.43	15.43	7.4	13.3	79.6	46.5	10.4	10.2
398	S. A. M. A.	Near Moonla	do	18.8	13.1	12.6	69.7	78.8	14.83	12.6	7.3	13.3	79.6	46.5	10.4	10.4
T1	do	Swanport	do	19.5	13.6	13	69.7	78.3	15.37	15.37	7.4	14	81.7	51.9	10.6	10.1
21	do	Murray River	do	19.5	13.6	14	69.7	84.3	15.70	9 11.6	6.8	13.7	84.7	49.6	11.4	10.8
188	do	Port Adelaide	do	18.9	13.2	13.1	69.8	81.9	15.07	15.07	6.8	13.7	84.7	49.6	11.4	10.8
270	do	Swanport	do	18.6	13	13	69.9	82.3	14.87	10 10.8	6.8	13.7	78.8	49.6	10.6	10.4
273	do	do	do	18.6	13	13	69.9	82.3	14.87	7 11	6.9	13.4	82.1	51.5	10.5	10.5
H1	do	Tallem Bend	do	18.6	13	12.8	69.9	81	14.80	14.80	6.8	13.4	82.1	51.5	10.5	10
3	A. L. A.	Blimman	do	18.6	13	13.2	69.9	83.5	14.80	3 10.9	6.8	12.2	89.8	65.7	10.3	9.8
304	S. A. M. A.	Swanport	do	19.3	13.3	13	70	80.2	15.10	15.10	6.7	13.7	89.8	65.7	10.3	9.7
325	do	do	do	19.3	13.5	14	70	86.4	15.60	10 9	8	14.5	75.2	44.8	10.9	10.5
A6	do	Near Adelaide	do	19.7	13.8	11.8	70	82.7	15.10	10 9	8	14.5	75.2	44.8	10.9	10.5
283	do	Swanport	do	18.4	12.9	12.9	70.1	82.7	14.73	14.73	7	13.7	79.6	51.1	11.5	10.8
294	do	do	do	19.4	13.6	13.6	70.1	82.6	15.53	11 3	6.7	14.2	79.6	51.1	11.3	10.6
284	A. L. A.	Loxton	do	19.4	13.6	12.9	70.1	78.2	15.30	15.30	7.3	13.5	84.1	54.1	10.8	10.2
H4	S. A. M. A.	Mypanya Jetty	do	18.8	13.2	11.9	70.2	74.4	14.63	14.63	6.4	13	86.7	49.2	10.8	10
22	do	Yorke Peninsula	do	18.6	13.1	12.6	70.4	79.8	14.77	11.6	7.1	12.1	95.9	58.7	10.9	9.6

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index total $\left(\frac{a}{100} \times c\right)$	Facial Index upper $\left(\frac{b}{100} \times c\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
418	S. A. M. A.	Woods Point	Adult	18.8	13.6	12.8	72.9	79	15.07	111.1	7.9	14.1	79.3	41.8	10.4	10.3
420	do.	Meningie	do.	18.8	13.6	12.8	72.9	79	15.07	111.1	7.9	14.1	79.3	41.8	10.4	10.3
120	do.	Oodnadatta	do.	18.5	13.4	13.4	72.4	83.1	15.07	113.1	8.1	13.4	97.8	50	11	10.8
287	do.	Swanport	do.	18.1	13.1	13.4	72.4	85.9	14.87	111.6	7.2	13.6	85.9	52.9	9.9	9.9
	Dr. Campbell's	Eyres Peninsula	do.	19.2	13.9	12.6	72.4	75.9	13.23	111.6	7.3	13.8	84.1	52.9	10.8	10.4
101	S. A. M. A.	Plympton	do.	18.9	13.7	13.4	72.6	80.7	15.33		6.9	14		49.8		10
318	Dr. Campbell's	Yorke Peninsula	do.	18.2	13.2	12.6	72.6	80.2	14.67		6.9	14		49.8		10
389	S. A. M. A.	Swanport	do.	19	13.8	13.6	72.6	86	15.23	109.4	5.8	13.7	68.6	42.9	10.3	10.6
405	do.	Mingbool, S. E.	do.	18.6	13.5	13.8	72.6	84.2	15.53		7	13.3		52.6	10.6	10.3
436	do.	Tallem Bend	do.	19	13.8	13.9	72.6	84.8	15.57		7.2	13.7		52.6	10.6	10.3
406	do.	Walkerie	do.	18.7	13.6	12.7	72.7	78.4	15		6.9	13.5		51.1	10.3	10.2
282	do.	Swanport	do.	18.3	13.3	12.9	72.7	81.6	14.88	41.2	7	14.3		49.6	10.8	10.6
24	A. L. A.	Port Elliot	do.	19.5	14.2	(16)	72.8									
232	S. A. M. A.	Murray Bridge	do.	19.5	14.2	(16)	72.8									
28	do.	Corong	do.	19.2	14	13.1	72.9	78.9	15.43	12.2	7.2	13.9	87.8	51.8	10.2	10
3079	do.	Lake Bonnie	do.	18.3	13.4	13	73.2	82.5	14.90		6.2	13.8		44.9	10	9.9
160	do.	Morgan	do.	18.7	13.7	13.4	73.5	82.7	15.27		7	14.1		49.6	10.8	10.9
208	do.	North of Mount Eba	do.	18.7	13.7	12.5	73.5	77.2	14.97	(c)	7.6	13.9		54.7	10.4	9.8
394	do.	Coorong	do.	18.7	13.7	12.2	73.5	76.5	14.87	10.7	6.2	13.9		44.6	10	9.5
29	do.	do.	do.	18.8	13.8	12.4	73.4	76.1	15	11.3	6.8	13.6		50	10.4	10.2
p 226	do.	Tallem Bend	do.	18.4	13.5	13.3	73.4	83.1	15.03	10.11.4	6.8	13.7		55.2	10.5	10.4
A2	do.	Near Eucla	do.	18.4	13.5	12.9	73.4	80.6	14.93		7.2	13.8		56.2	10	9.8
Z	do.	Lake Albert	do.	18.2	13.4	13.4	73.6	85.5	14.93		(13)	13.8			10	10
114	do.	Near Adelaide	do.	19	14	13.4	73.7	81.2	15.47	7.11.3	6.9	13.9		49.6	10.7	10
e 395	Dr. Campbell's	Near Adelaide	Near adult	17.6	13	12.8	73.9	83.7	14.47	10.10.6	6.5	12.5		52	10.1	9.6
69	S. A. M. A.	Coorong	Adult	18.8	13.9	12.8	73.9	78	15.17	10.10.6	6.6	12.4		53.2	10.1	9.7
310	do.	Murray River	do.	18.6	13.8	13.0	74.2	84	13.33	11.3	6.6	13.9		47.5	9.6	9.5
C2	do.	Swanport	do.	19.6	14.6	13.8	74.5	80.7	16	10.11.1	6.8	14		48.6	11.1	10.4
C2	Dr. Campbell's	Lower Murray River	Near adult	17.7	13.2	12.6	74.6	81.8	14.50		7.1	14.50		46.5	10.4	9.8
e 1036	S. A. M. A.	Ardrrossan	Adult	18.8	14.1	13	76	79.3	15.30		6.6	14.7		48.5	10.8	10.2
4	Dr. Campbell's	Lower Murray River	do.	17.4	13.2	12.1	75.9	79.1	14.23		6.6	12.7		52	10.3	9.6

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (1)	Palate, external (b)	Palatal Index $\left(\frac{b}{100}\right)$
r 425	S. A. M. A.	Cournamont.	do.	18.6	14.2	13.6	76.3	82.9	15.47	11.2	6.5	13.7	81.8	47.4	10.2	10
400	do.	Coorong.	do.	18.8	14.4	13	76.6	78.3	15.40	11.7	17 7.4	14.1	85	52.6	10	10
Totals				3, 779.1	2, 621.3	2, 431.9	69.7	80.7	15.15	11.56	1, 175.9	2, 182.7	84.3	51.9	1, 670.5	1, 868.3
Averages				19.09	18.81	18.07	69.7	80.7	15.15	11.56	6.96	13.66	84.3	51.9	10.71	10.2
Minima				17.4	12	11.6	69.7	69.9	14.20	9.4	5.7	12.1	68.6	41.3	9.4	9.4
Maxima				21.6	14.6	14.3	76.6	88.6	16.17	13.7	86	14.7	102.2	61.9	11.9	11.5
b 33	S. A. M. A.	Meningie	Adult	9.8					4.05	78.6	4.85	2.75	56.7			
48	do.	Near Adelaide.	do.						3.9	94.9	19 5.05	2.85	56.4			
H14	do.	Murray Bridge	do.	10	67	51	3.5	3.7	19 3.9	87.2	4.55	2.65	68.2			108.1
297	do.	Swanport	do.				3.4	19 3.6	19.4	90	4.55	2.9	63.7			108.1
B9	do.	Near Adelaide.	do.	9.5	67.5	49	3.5	3.3	3.9	84.6	19 4.85	2.4	65.7			114.8
256	do.	Fulham	do.	9.6	68.5	58	3.8	20 2.0	20 3.7	78.4	4.1	2.4	68.6			108.3
444	do.	Near Morgan	do.						3.88	87.1	19 4.8	2.3	47.9			108.1
320	do.	Swanport	do.	9.2	67	49.5	3.3	3.25	3.72	87.4	4.9	2.75	66.1			108.1
321	do.	do.	do.	9.0	70.5	57	3.05	3.7	3.8	97.4	4.8	2.65	66.2			108.2
322	do.	do.	do.	10.6					3.7	85.8	5.2	2.8	66			106.2
372	do.	Fulham	do.				3.0	3.48	3.95	85.6	5	2.8	66			106.7
c 1367	do.	Adelaide	do.	10	66	48	3.4	3.38	3.95	85.6	5	2.8	66			106.2
d D	do.	Murray Bridge	do.	10	66	48	3.4	3.38	3.95	85.6	5	2.8	66			106.2
104	do.	Torren's Island	do.	9.4			3.8									
e 11459	do.	N. W. Bend	do.	10	66	50.5	3.8									
40	do.	Swanport	do.	10	66	50.5	3.8									
A. L. A.	do.	Near Adelaide.	do.				3.3	3.65	3.75	97.3	4.85	2.6	53.6			109.5
382	do.	Bookabie	do.	9.8	63	32	3.4	3.3	3.8	86.8	19 4.4	2.85	65.8			109.5
S. A. M. A.	do.	Sydenham, Torrens Rivor	do.	9.4	68	53.5	3.4	3.3	4.2	78.6	4.8	2.55	68			112.9
C1	Dr. Campbell's	"Extreme South"	do.	9.9	68	50	3.88	3.65	4.05	90.1	4.8	3.2	66.7			111.1
B6	S. A. M. A.	Coorong	do.	9.9	65.5	58	3.4	3.38	3.62	98.4	4.6	2.95	61.5			109.8
260	do.	Swanport	do.	9.7	69	40	3.4	3.0	3.95	91.2	5.1	2.6	5			112.1
335	do.	Swanport	do.	9.8	61	40	3.55	3.55	3.6	93	5	2.8	56			107.6
344	do.	do.	do.	9.8	61	40	3.55	20 3.25	20 3.55	84.4	4.4	2.6	59.1			104.6
224	do.	Port Pirie	do.	9.7	69	54.5	3.1	3.1	3.65	84.9	4.45	2.6	66.2			111.1
246	do.	Swanport	do.	9.6	65	48	3.22	3.9	3.85	82.6	4.85	2.8	67.7			104.6
264	do.	do.	do.	9	69	55	3.18	3.18	3.85	82.6	19 4.8	2.4	60			105

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height*	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
31	A. L. A.	North West Bend.	Adult.	9.4	71.5	45	3.5	3.12	4.08	76.5	4.9	2.85	58.2	5.9	6.5	110.2
293	S. A. M. A.	Swampport	do.	9.6	68	52	3.5	3.3	3.78	87.3	18 4.9	2.6	53.1	6	6.3	110
127	do.	Innaminka	do.	8.9	67.5	50.5	3.5	3.68	4.15	83.7	4.8	2.65	55.2	6.3	9.8	107.9
302	do.	Swampport	do.	9.3	64	44	3.5	3.8	4.22	90	5.2	2.7	51.9	6.5	7.2	110.8
313	do.	do.	do.	9.6	63	55.5	3.6	3.45	3.78	91.8	19 5.1	2.65	52	6	6.8	113.5
A1	do.	Wellington	do.	9.8	69.5	51.5	4.1	20 3.05	3.45	80.5	4.55	2.75	60.4	6.2	6.7	108.1
e 23	do.	Mannum	do.	9.9	72	58.5	4.1	3.3	4	82.5	5.8	3.1	53.4	6.5	8	123.1
320	do.	Swampport	do.	10	66	49	2.8	19 3.2	19 3.9	82.5	4.45	2.4	53.9	5.8	6.8	117.2
416	do.	Wood's Point	do.	9.2	72	51	2.8	20 3.55	19 3.8	93.4	18 4.75	2.65	55.8	6	5.5	108.5
e G	do.	Mahala	do.	9.3	60	45.5	3.6	3.3	3.82	86.4	4.8	2.65	55.2	6.3	7.2	111.2
16	A. L. A.	Oodnadatta	do.	9.6	64	51	3.5	3.2	3.95	81	4.9	2.9	59.2	6.4	6.9	107.8
36	S. A. M. A.	Umberatana	do.	8.55	64	51	3.5	3.85	4.05	82.7	4.7	2.9	61.7	6.1	7.9	114.8
124	do.	Cooper Creek	do.	8.6	69	46	3.2	3.25	3.98	82.7	18 4.3	2.25	52.5	6.2	6.9	111.5
234	do.	Swampport	do.	9.6	69	46	3.2	3.5	3.9	83.7	18 4.8	2.65	55.2	6.5	7.1	109.2
A3	do.	Near Adelaide.	do.	9.6	63	38	3.3	3.35	3.75	89.3	4.6	2.8	60.9	6.5	6.9	109.2
373	do.	Fulham	do.	9.3	67	46	3	3	3.52	85.2	4.9	2.5	51	5.9	6.5	110.2
f H2	do.	Mypanya Jetty	do.	9.4	71	53	3.4	3	3.25	83.3	4.9	2.7	55.1	6.3	6.8	107.9
e 26	Dr. Pulteney's	Taltau Bend	do.	9.8	69	48.5	3.6	3.15	3.75	84	4.9	2.7	55.1	6.1	6.8	111.5
131	S. A. M. A.	Coorong	do.	8.9	67	50.5	3.5	3.28	3.7	88.6	4.6	2.5	54.4	6	6.6	110
139	do.	Taltem Bend	do.	9.1	66.5	50	3.5	3.38	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
• 11, 438	do.	Morgan	do.	9.1	66.5	50	3.5	3.38	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
• 11, 439	do.	Near Adelaide	do.	9.1	66.5	50	3.5	3.35	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
369	do.	Fulham	do.	9.1	66.5	50	3.5	3.35	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
I	do.	do.	do.	9.1	66.5	50	3.5	3.35	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
116	do.	Coorong	do.	9	64	47.5	3.5	3.2	4.05	79	18 5.05	2.5	49.5	6.5	6.2	95.4
225	do.	Marion	do.	10	63.5	43.5	3.6	3.62	3.82	94.8	5.05	2.5	49.5	6.5	7.3	112.3
308	do.	Swampport	do.	9.2	64	40	3.6	3.32	3.88	85.6	18 4.6	2.75	59.8	6.5	3.5	100
337	do.	do.	do.	9.2	64	40	3.6	3.55	3.55	100	5.1	2.3	45.1	6.1	6.9	113.1
• 11, 418	do.	do.	do.	9.9	71.5	49	3.35	3.35	4.05	82.7	5.2	2.85	54.8	6.1	7.3	119.7
A 255	do.	do.	do.	10.2	67.5	49	3.35	19 3.5	19 4	87.5	4.75	2.75	57.9	6.2	6.6	106.4
108	do.	Walkerville	do.	9.8	63.5	45	3.8	20 3.35	20 3.7	90.5	(19)	2.75	59.1	6.6	7	106.1
M	do.	Torren's Island	do.	9.4	61	48	3.8	3.2	3.85	88.5	4.65	2.65	60.2	6.2	6.6	106.4
H3	do.	Murray Bridge	do.	10	65.5	53	3.3	3.2	4.02	79.6	4.4	2.65	60.2	6.2	6.6	106.4
338	do.	Mount Gambier	do.	10	65.5	53	3.3	3.2	4.02	79.6	4.4	2.65	60.2	6.2	6.6	106.4

6	A. L. A.	do.	10.1	66.5	57.5	3.8	3.58	4.05	88.6	18.5.6	2.9	51.8	6.7	7.2	107.6
311	S. A. M. A.	do.	9.6	72	52.5	3.5	3.75	3.9	96.2	5.3	2.8	52.8	6.4	7	109.4
112	do.	do.	9.4	75.5	56	3.68	3.68	4.1	89.8	18.5.1	2.4	47.1	5.7	6.4	112.5
162	do.	do.	10	65	56.5	3.5	3.5	20	33.8	18.4.9.05	2.8	55.4	6.6	7.1	107.6
237	do.	do.	9.6	66.5	47.5	2.9	3.3	3.8	86.8	18.4.9.05	2.55	51.6	6.1	6.9	113.1
384	do.	do.	10.3	64	48.5	do.	3.12	3.8	82.1	4.7	2.6	55.5	6.8	7.1	104.4
d A	do.	do.	9.4	73	40	do.	3.05	3.7	82.4	18.4.8	2.35	49	5.9	6.6	111.9
n	do.	do.	9.4	64	45	3.5	3.5	10	4.3	18.5.4.7	2.55	47.2	6.8	6.7	98.6
Coorong	do.	do.	9.8	59	45	do.	2.98	3.65	81.6	18.5.4.7	2.5	53.2	6.6	6.8	108
Lower Murray River	do.	do.	9.6	63.5	50	3.7	3.28	3.9	84.1	18.4.7	2.7	51	6.4	6.4	100
Lake Alexandrina	do.	do.	9.4	68	50	3.4	3.63	3.9	84.1	18.4.7	2.9	60.4	6.5	6.7	103.1
Swampot	do.	do.	9.7	62	47	3.7	3.63	19.4	81.2	4.8	2.9	60.4	6.5	6.7	103.1
Inkerman	do.	do.	9.4	74	63.5	3.35	3.25	3.68	83.3	4.15	2.45	69	6.5	6.7	103.1
Coorong	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Lake Coorong	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Meringe	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Swampot	do.	do.	9.8	63	52	3.45	3.45	3.85	89.6	4.75	2.85	60	6.1	7	114.8
Near Turbary Bay	do.	do.	9.8	67.5	51	3.3	3.2	19	3.65	18.4.7	2.85	60.6	6.5	7.6	116.9
Collinsville	do.	do.	9.8	67.5	51	3.3	3.32	3.88	86.6	5.15	2.7	62.4	6.1	6.9	113.1
do.	do.	do.	9.5	67.5	45.5	3.9	3.48	3.85	90.4	5	2.6	62	6.4	7.2	112.5
Near Adelaide	do.	do.	9.2	69	51	3.5	3.25	3.7	87.8	4.7	2.8	59.6	6.1	6.7	109.8
Milang	do.	do.	9	74	53	3.7	3.5	3.9	89.7	5.1	2.55	60	6.1	6.7	109.8
Swampot	do.	do.	9.6	74	53	3.1	3.18	3.82	83.2	4.7	2.75	68.6	6.6	7	125
do.	do.	do.	9.8	68.5	58	3	3.48	3.6	87	4.75	2.5	61	6.3	6.6	104.8
Fulham	do.	do.	9.4	69.5	61	3.5	3.2	19	2.6	18.5.2.1	2.95	61.5	6.1	6.9	113.1
Glanville	do.	do.	9.4	68	40	3.4	3.42	3.85	88.8	18.5.2.1	2.7	51.9	6.2	6.7	108.1
Lower Murray River	do.	do.	9.8	61	48.5	do.	3.48	4	87	4.75	2.75	65.4	6.8	6.9	101.5
Plympton	do.	do.	10.4	61	48.5	do.	3.55	3.6	98.6	4.6	2.6	54.7	6.3	6.8	107.9
Morgan	do.	do.	9.8	64	43.5	do.	3.35	3.92	85.5	4.6	2.75	69.8	6.3	6.8	107.9
Paralana	do.	do.	8.4	73.5	52	do.	3.4	3.9	87.2	18.5.2	2.45	48	6.4	7	109.4
Clare	do.	do.	10.8	61	55	do.	3.4	3.9	87.2	18.4.9.5	2.45	48	6.1	6.7	109.8
Coorong	do.	do.	9.6	68	54	do.	3.18	3.8	83.7	4.8	2.45	51	6.1	6.7	109.8
do.	do.	do.	8.8	68	54	do.	3.4	3.65	93.2	4.9	2.65	51.1	6.1	6.7	109.8
do.	do.	do.	9.9	68	50	3.2	3.35	3.85	87.5	5.05	2.7	55.6	6.3	6.7	109.8
Swampot	do.	do.	9.4	78	58.5	do.	3.4	3.8	89.5	5.1	2.5	49	6.3	6.7	106.8
Fulham	do.	do.	9.4	78	58.5	do.	3.65	3.9	93.6	4.65	2.65	57	6.3	7	111.1
Wood's Point, Murray River	do.	do.	9.8	64	49	3.8	3.2	20	3.7	86.5	2.65	57	6.3	7	111.1
Coorong	do.	do.	9.3	68	58	do.	3.35	3.9	85.9	4.8	2.5	52.1	6.2	6.7	108.1
Tailen Bend	do.	do.	9.4	61	48	3.9	20	3.9	76.9	5	2.8	56	6.1	6.7	108.1
Near Moonita	do.	do.	9.2	61	48	do.	3.25	3.9	84.1	4.75	2.7	56.3	6.9	7.2	104.4
Swampot	do.	do.	9.7	66.5	48	3.7	3.35	4.08	82.1	4.55	3.05	67	6.4	7.4	116.6
Murray River	do.	do.	9.6	67	49.5	3.7	3.2	4.05	79	4.55	3.05	67	6.4	7.4	116.6
Port Adelaide	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Swampot	do.	do.	9.3	70.5	40.5	2.9	3.55	3.85	93	18.5.3	2.65	50	6.1	6.6	108.2
do.	do.	do.	9.1	66.5	48	3.2	3.22	3.75	85.9	18.4.7.5	2.35	49.5	6.1	6.7	109.8
Tailen Bend	do.	do.	9	63.5	47	3.2	3.15	3.72	84.7	19.4.8	2.65	62.2	6.2	6.7	108.1
Blinman	do.	do.	9.8	67	53	do.	3.52	3.6	97.8	4.7	2.6	56.3	6.3	6.6	104.8
Swampot	do.	do.	9.5	71	47	3.5	3.22	3.85	85.6	4.8	2.8	58.5	6.3	6.6	104.8
do.	do.	do.	9.9	66.5	41	3.6	3.3	3.6	91.7	19.5	2.5	50	6.4	6.4	94.1
Near Adelaide	do.	do.	9.9	66.5	41	3.6	3.3	3.6	91.7	19.5	2.5	50	6.4	6.4	94.1
Swampot	do.	do.	10	66.5	50	3.6	3.65	3.85	94.8	4.6	2.75	59.8	6.5	7	107.7
do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim.(b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
28	A. L. A.	Loxton	Adult	9.2	65.5	46	---	3.45	4.1	84.2	13 4.95	2.85	57.6	6.3	7.1	112.7
H ₁	S. A. M. A.	Myponga Jetty	do.	9.5	66	47	---	2.92	3.55	82.2	4.5	2.5	55.6	6.4	6.4	100
22	do.	Yorke Peninsula	do.	9.2	60	41	---	3.35	3.85	87.2	4.8	2.6	54.2	6.5	6.2	96.4
† 262	do.	Swanport	do.	9	67	49	3.2	3.42	3.78	90.5	4.65	2.4	51.6	5.9	7.2	123.7
435	do.	Waikerie	do.	9.8	68.5	57	---	19 3.2	19 3.9	82	5	2.8	56.6	6.8	7.3	105.9
105	do.	North West Bend	do.	9	---	---	3.8	3.4	3.95	86.1	13 4.75	3	60	6.4	6.4	100
" 11407	do.	Balaklava	do.	9	---	---	---	20 3.4	20 3.7	81.9	---	2.4	60.5	---	---	---
37	do.	Meningie	do.	9.2	67.5	43	---	3.38	3.9	87.1	4.9	2.6	53.7	6.2	6.7	108.1
28923	N. M. M.	Coorong	do.	9.6	74	60	---	3.2	3.62	88.4	13 4.65	2.6	55.9	5.8	7.2	121.1
419	S. A. M. A.	Robe	do.	9.4	69.5	57	3.5	3.6	4	90	5.15	2.5	48.6	5.9	6.5	110.2
" 11416	do.	do.	do.	8.9	74	56.5	2.9	3.55	3.98	84.2	13 4.65	2.5	48.8	3.7	6.8	113.3
39	A. L. A.	Robe	do.	9.4	69.5	58.5	3.2	3.28	3.7	86.6	5	2.55	51	5.9	6.7	113.6
" 4881	S. A. M. A.	do.	do.	10	63.5	49	---	3.4	3.9	87.2	19 4.8	2.7	56.2	6.8	7	102.9
27	A. L. A.	Walleroo	do.	9.3	60	50	---	3.32	3.85	86.2	5	2.5	50	6.2	6.8	109.7
119	S. A. M. A.	Swanport	do.	9	72.5	50	---	19 3.3	19 3.75	88	19 5.2	2.5	48.1	6	6.9	115
250	do.	do.	do.	10.3	64.5	51	3.4	3.22	3.98	80.9	5	2.75	55	6.6	6.8	103
410	do.	Yorke Peninsula	do.	9.2	64.5	47	3	3.5	3.75	93.2	5	2.6	52	6.6	6.7	101.5
" 1368	do.	Near Adelaide	do.	10.2	61	47	3.6	3.9	4.22	83.7	5.1	2.7	52.9	7.1	7.3	102.8
37	A. L. A.	Coboolya	do.	10.8	64	46	4.3	3.52	4.22	78.7	4.6	3.1	63.3	7	7.3	100
15955	N. M. M.	do.	do.	9.3	65.5	55.5	---	3.15	3.9	80.2	4.6	3	62.2	6.7	7.3	109
84	S. A. M. A.	St. Kilda	do.	9.8	69.5	65	---	3.4	3.8	89.5	3.2	2.6	50	6.7	7.3	109
* 92	do.	Coorong	do.	8.8	71	51	---	3.3	3.62	91.2	4.7	2.7	57.4	5.5	6.7	121.3
163	do.	Port Augusta	Adolescent but all 3 molars erupted.	8.8	68.5	43.5	4	28.8	3.85	74.8	4.55	2.75	60.4	6.6	6.5	101.6
345	do.	Swanport	Adult	9.6	68	50	3.3	3.25	3.9	84.1	4.75	2.8	59	6.3	7.1	112.7
" 368	do.	Adelaide	do.	9.8	65	49.5	3.4	3.6	3.85	93.5	5.45	3.3	60	6.6	7.3	110.6
* 11410	do.	do.	do.	9.2	73	55.5	3.1	3.52	3.95	89.1	5	3	66	6.6	6.9	115
A ₄	do.	Near Adelaide	do.	9.6	73	55.5	---	3.38	4.08	77.9	13 4.9	3	61.2	6.3	7.1	112.7
B3495	A. M. S.	do.	do.	9.4	64	46.5	---	3.3	4.2	73.6	4.9	2.8	57.1	6.1	6.8	111.5
10597	N. M. M.	do.	do.	9.1	64	42	---	28.8	3.85	74.8	4.55	2.75	60.4	6.6	7.4	112.1
30	S. A. M. A.	Port Lincoln	do.	9.2	66.5	43.5	---	3.3	3.7	87.8	4.9	2.8	57.1	6.4	6.5	101.6

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
310	S. A. M. A.	Swanport.	Adult.	9.7	66	45	3.4	3.35	3.85	87	4.8	2.65	55.2	6.5	6.5	100
C ₂	Dr. Campbell's.	Lower Murray River.	Near adult	9.4	66	45	3.4	3.4	3.68	92.4	4.8	2.7	56.2	6	6.9	115
1036	S. A. M. A.	Ardrrossan.	Adult.	9.3	66	45.5	3.52	3.52	3.85	91.4	4.95	2.55	51.5	6.3	6.7	108.4
4	Dr. Campbell's.	Lower Murray River	do.	9.2	65	54	3.38	3.45	3.45	98	4.6	2.55	55.4	6	6.3	105
r 425	S. A. M. A.	Cournamont.	do.	9.4	70	60	3	3.48	4.08	85.2	4.7	3.15	67	6	7.2	120
400	do.	Coorong.	do.	9.8	69.5	15	3.5	3.58	3.8	94.2	5	2.65	53	5.9	7	118.6
Totals				(169)	(160)	(160)	(62)	(170)	(170)	(170)	(170)	(170)	(170)	(167)	(167)	(167)
Averages				1,565.4	67	50	316.5	389.22	680.38	459.6	854.45	409.6	55	981.9	1,072.25	109.3
Minima				9.45	67	31	3.44	3.35	3.66	86.8	4.36	2.67	55	6.25	6.1	94.1
Maxima				10.8	59	83.5	2.8	2.6	3.52	65	4.1	2.2	45.1	5.5	8	125

* No allowance made for wear in any case.

† Damaged.

‡ Whole skeleton.

§ Some bones.

¶ Very short alveolar process.

‡ Skeleton indicates a small male.

* Very massive; parietal thick; about 6.8 mm.

† Damaged.

‡ Surely male.

§ Basion gone; estimated from height to border of foramen magnum behind condyle.

¶ Both lower median incisors, both upper median incisors, and right upper lateral incisor missing.

‡ Slightly female-like, but probably male.

* Part of skeleton.

† Base of auditory meatus line to bregma.

‡ All teeth lost in lower jaw. Right upper median incisor missing.

§ NOTE.—For footnotes to reference figures see p. 3.

* Supraorbital ridges and orbits look female-like, but surely male.

† Lower jaw female-like, but skull male.

‡ Massive.

§ Lower jaw has very square chin.

¶ Nasal cavity proper; great prenasal fossae, but in the nose.

‡ Internal nose; external nose=5.15.

* Left=3.35; slight injury to bone over left orbit, but effect questionable.

† Lower jaw receding.

‡ To line of gutters=5.3.

§ Round smooth tumor in palate; big hole.

¶ Very prognathic; lower jaw a trace receding.

‡ Lower jaw has no menton prominence; vertical when standing, sloping backward when in position.

* Very thick alveolar process adjoining molars.

† Alveolar arch square in front.

NORTHERN TERRITORY CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
195	S. A. M. A.	Anson Bay	Adult	19.6	12.1	13.4	69.7	84.8	15.93	11.7	7.4	13.7	85.4	69.7	11.6	10.5
115	do	Tennant Creek	do	19.4	12.1	13.5	62.4	84.2	14.93	12.2	7.3	13.1	89.1	66.7	11.6	10.9
138	do	do	do	19.5	12.4	14.1	63.6	88.1	15.33	11.4	7.2	14	89.1	66.7	11.6	10.3
a 176	do	Anson Bay	do	18.2	11.6	13.4	63.7	82.3	14.40	10.6	6.3	13	81.6	48.5	10.5	10.5
179	do	MacDonnell Ranges	do	20	12.8	13.6	64	82.9	13.47	10.9	6.3	13	81.6	48.5	10.5	10.3
16115	N. M. M.	do	do	19.9	12.8	13.6	64.5	82.9	13.47	11.9	7.4	13.7	86.9	64	11	10.6
3080	S. A. M. A.	Melville Island	do	18.2	11.8	13	64.8	86.7	14.33	11.4	6.9	13.7	87.7	63.1	10.3	10.3
122	Dr. Basedow's	Arnhem Land	do	19.6	12.8	13	65.8	80.2	15.13	11.7	6.8	13.7	85.4	49.6	10.5	9.8
129	S. A. M. A.	Melville Island	do	19.6	12.8	14	65.6	86.4	15.43	11.3	7	13.8	81.9	60.7	10.9	10.9
181	do	do	do	18.4	12.1	13.7	65.8	80.1	14.73	10.9	6.4	13.4	81.9	47.8	10.6	10.3
18507	do	Anson Bay	do	18.8	12.4	13.4	66.8	85.9	14.87	11.5	7.1	12.7	90.6	56.9	10.8	10.4
16126	N. M. M.	do	do	18.7	12.4	13.9	66.8	89.1	15	11.5	6.4	13.5	90.6	47	10.8	10.4
135	do	do	do	19	12.6	13.1	66.8	82.9	14.90	11.5	6.4	13.6	85.8	47	10.8	10.4
136	S. A. M. A.	do	do	19.3	12.9	14.4	66.8	89.4	15.53	12.1	7.3	14.1	85.8	51.8	10.6	10.9
214	do	do	do	20.6	13	13.2	67	81.6	15.20	11.3	7.1	14.1	80.1	60.4	10.9	10.6
16377	N. M. M.	Barrooloola	do	18.2	12.2	13.5	67	88.7	16.27	11.3	7.1	14.1	80.1	60.4	10.9	10.6
142	S. A. M. A.	do	do	18.3	12.3	13.5	67.2	88.8	14.63	11.5	7	13.6	85.8	62.2	10.9	10.6
428	do	Melville Island	do	18.6	12.5	13.6	67.2	87.2	14.70	11.5	7	13.4	85.8	62.2	10.9	10.7
130	do	do	do	18.7	12.6	13.6	67.4	87.2	14.90	11.8	7.3	12.6	86.6	67.9	9.8	9.9
194	do	Anson Bay	do	18.7	12.6	14.1	67.4	87.4	14.90	11.8	6.4	13.1	86.6	67.9	9.8	9.9
203	do	do	do	18.4	12.4	14.1	67.4	87.4	14.90	11.8	6.4	13.1	86.6	67.9	9.8	9.9
5	L. A.	do	do	18.7	12.6	13.2	67.4	91.6	14.97	11.1	6.6	13.7	81	48.2	10.1	10.2
6	N. M. M.	do	do	18.7	12.6	13.2	67.4	84.6	14.83	11.1	6.9	13.6	81.6	60.7	11.4	10.6
16359	N. M. M.	do	do	18.6	12.6	13.4	67.4	85.9	14.90	11.5	6.9	12.7	80.6	64.3	9.6	10.4
191	S. A. M. A.	do	do	18.6	12.6	13.2	67.7	84.6	14.80	10.9	6.7	13.8	79	49.6	11.1	10.7
230	do	Anson Bay	Near adult	18.4	12.5	13.9	67.9	80.8	14.93	11.1	6.9	12.4	89.5	65.6	11	10.4
* 230	do	do	do	18.4	12.5	13.9	67.9	80.8	14.93	11.1	6.9	12.4	89.5	65.6	11	10.4
17083	N. M. M.	Rosewood Downs	do	18.8	12.8	12.6	68.1	82.9	14.73	11.9	6.9	13.6	81.6	61.9	10.1	9.9
16132	do	do	do	18.2	12.4	13.7	68.1	82.9	14.90	11.9	6.9	13.6	81.6	61.9	10.1	10.2
28227	do	do	do	18.2	12.4	13.6	68.1	88.9	14.77	11.2	6.9	13.3	84.2	64.8	10.6	10.3
17084	do	East Alligator River	do	19.1	13	13.9	68.1	86.9	14.73	11.2	6.9	13.3	84.2	64.8	10.6	10.3
7	S. A. M. A.	Newcastle Waters	do	18.6	12.7	13.6	68.3	87.2	14.97	11.2	7.3	13.7	86.8	68.8	10.9	10.4
378	do	Melville Island	do	17.8	12.2	12.8	68.5	86.8	14.77	10.3	6.4	13.1	79.2	49.2	9.8	10.6

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 21.

NORTHERN TERRITORY CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
28732	N. M. M.	East Alligator River	Near adult	18.4	12.6	14	68.5	90.5	15	7.11.8	7.4	13.9	86.1	52.5	10.6	10.7
137	S. A. M. A.	do	do	18.9	13	13.2	68.8	82.6	15.03	7.2	7.2	13.7	86.1	52.6	11.2	10.5
207	do	Anson Bay	do	18.3	12.6	13.2	68.8	86.7	14.70	7.3	7.3	13.4	87.5	54.5	11.1	10.6
• 229	do	do	do	18.3	12.6	13	68.8	84.4	14.63	4.0.6	6.4	12.7	87.5	50.1	10.4	10
• 16370	N. M. M.	Melville Island	do	18.6	12.8	13.4	68.8	89.2	15.51	4.11.2	6.6	13.0	89.6	47.5	11.5	10.8
16108	do	do	do	18.6	12.8	13.4	68.8	85.7	14.63	23.12.1	7	13.6	89	47.5	10.9	10.1
• 16374	do	do	do	18	12.4	13.2	68.9	86.8	14.53	2.0.6	6.2	13.6	88.8	48.4	10.8	10.6
6	S. A. M. A.	Daly River	do	17.4	12.4	13.6	69	92.5	14.53	2.11.4	7.1	12.8	87.5	54.7	10.4	10
19488	N. M. M.	do	do	19	13.1	14	69	87.5	15.37	2.11.4	7.1	14	81.4	50.7	11	10.6
429	S. A. M. A.	Melville Island	do	19.1	13.2	14.4	69.1	88.9	15.57	7.11.5	6.9	13.8	85.5	50	11	10.4
16369	N. M. M.	do	do	17.8	12.3	14.2	69.1	94.7	14.77	4.11.7	7.1	13.6	86	52.3	11	10.6
✓ 134	S. A. M. A.	do	do	18.8	13	13.8	69.2	86.8	15.20	11.2.3	7.2	13.7	89.8	52.6	10.1	10.6
427	do	Melville Island	do	18.8	13	13.6	69.2	85.5	15.13	4.2.2	8.7.7	14.8	82.4	52	10.9	10.9
16123	N. M. M.	do	do	18.8	13	13.8	69.2	86.8	15.20	2.0.3	6	13.6	75.7	44.1	10.7	10.7
• 11443	S. A. M. A.	McArthur River	do	19.2	13.3	14.4	69.5	88.9	15.63	7.11.5	7.2	13.6	77.9	46.5	11.3	11.4
141	do	do	do	18	12.5	13.6	69.4	85.5	14.50	2.0.6	6.5	13.6	69.4	43.1	10.8	10.4
377	do	Melville Island	do	18.4	12.8	12.6	69.6	80.8	14.60	2.0.6	6.2	13.4	69.4	43.1	10.8	10.5
16122	N. M. M.	do	do	18.4	12.8	13.6	69.6	87.2	14.93	4.12	7.4	13.4	89.6	46.2	10.8	10.5
19888	do	Basson River	do	18.8	13.1	14.4	69.7	87.6	15.30	2.11.5	7.4	14.1	81.6	49.6	10.5	10.7
62	S. A. M. A.	Borroloola	do	19.2	13.4	14.4	69.8	86.5	15.67	2.11.5	7.7	14.4	79.9	48.6	10.1	10.7
19489	N. M. M.	do	do	19.2	13.4	13.9	69.8	85.5	15.50	7.11.9	7.7	13.9	86.6	55.4	10.4	10.1
• 28719	do	East Alligator River	do	(18.6)	(13.2)	(13.2)	(69.9)	(85.5)	14.93	11.3	6.5	13.9	89	46.8	10.1	10.1
9	S. A. M. A.	Port Essington	do	18.3	12.8	13.4	70	85.9	14.83	11.3	6.7	12.7	89	52.8	9.7	9.8
152	do	do	do	18	12.6	13.4	70	85	14.53	10.11	6.6	12.3	89.4	52.7	10.3	9.9
184	do	Anson Bay	do	18.3	12.8	13.7	70	87.8	14.93	10.11.1	7	13.7	87	61.1	10.8	11
• 376	do	Melville Island	do	18	12.6	13	70	85	14.53	4.0.8	6.7	13.3	81.2	60.1	10.1	9.8
16105	N. M. M.	do	do	18.5	13	14.2	70.5	89.9	15.23	4.11	7.5	14	78.6	48.6	11.8	10.6
28722	do	East Alligator River	do	19	13.4	13.7	70.5	84.6	15.37	6.5	7.5	14	88.6	53.6	10.7	10.4
66	S. A. M. A.	Port Darwin	do	18	12.7	13	70.6	84.4	14.57	11.7	6.5	13.4	86.7	48.6	10.8	9.7
74	do	Bowen's Straits	do	18.4	13	13.9	70.6	88.6	15.10	10.9.9	6.5	13.5	86.7	61.1	10.8	10.6
186	do	Anson Bay	do	18	12.7	12.8	70.6	83.1	14.50	6.9	6.9	13.2	86.7	44.7	10.8	10.2
16116	N. M. M.	do	do	18.4	13	12.9	70.6	82.2	14.77	7.11.5	6.8	14	82.1	48.6	10.3	10.4
Q	S. A. M. A.	MacDonnell Ranges	do	18.8	13.3	13.9	70.7	82.2	14.77	7.11.5	6.8	14	82.1	48.6	10.3	10.4
16379	N. M. M.	do	do	18.8	13.3	13.9	70.7	86.9	15.33	4.11.8	7.1	13.9	84.9	51.1	9.6	10.2

140	S. A. M. A.	do	18.5	13.1	13.6	70.8	86.1	15.07	11	10.5	6.1	7.4	13.7	78.4	65.5	10.3	10.2
78	do	MacDonnell Ranges	18.3	13.2	13.4	71	86.9	14.90	4	10.9	7.4	7.4	13.9	81.4	50.1	10.3	10.2
202	do	Anson Bay	18.6	13.2	13.3	71	83.6	15.03	4	10.9	7.7	7.7	13.3	78.9	50.4	10.4	10.7
9	A. L. A.	do	18.0	13.2	13.3	71	81.8	14.93	3	10.7	7	7	13.3	84.9	52.5	11.4	10.5
123	S. A. M. A.	do	18	12.8	13.2	71.1	85.7	14.67	2	10.1	5.9	5.9	13.5	74.8	43.7	10.4	10.5
do	do	Melville Island	17.7	12.0	13.2	71.2	87.5	14.87	2	10.8	6.6	6.6	13.6	83.1	50.8	10.1	10.1
do	do	Adelaide River	19.2	13.7	14.7	71.4	89.6	15.87	2	10.8	6.9	6.9	13.6	83.1	50.7	10.4	10.1
do	do	Borroloola	18.5	13.2	13.8	71.4	87.3	15.17	2	11.4	6.9	6.9	13.7	83.2	50.4	11.6	10.9
1612	N. M. M.	do	17.9	12.8	13.7	71.5	89	14.80	2	10.7	6.5	6.5	13.1	81.7	49.6	10.9	10.3
do	do	Anson Bay	18.3	13.1	13.6	71.6	86.6	15	2	11.4	6.8	6.8	13.6	83.8	50	10.6	10.3
185	S. A. M. A.	do	19.4	13.9	13.5	71.6	81.9	15.60	2	11	7.7	7.7	13.6	80.9	50	10.1	10.4
do	A. L. A.	do	18.4	13.2	13.5	71.7	85.4	15.03	2	11	6.8	6.8	13.6	80.9	50	10.3	10.2
17087	N. M. M.	do	18.8	13.5	13.8	71.8	85.4	15.37	2	11	6.2	6.2	13.7	80.9	52.6	10.6	10.3
A5114	A. M. S.	Port Darwin.	18.1	13	14.6	71.8	93.6	15.23	2	11.8	7.1	7.1	13.5	86.1	52.6	10.5	9.8
do	S. A. M. A.	Victoria River.	18.5	13.3	13.2	71.9	83	15	10	11.8	14.971	14.9	13.7	86.1	51.8	10.5	9.8
do	do	MacDonnell Ranges	19.2	13.8	13.3	71.9	80.6	15.43	10	11.3	(13)	7.4	14.3	79	51.8	10.8	10.8
do	do	do	19.2	13.8	14.4	71.9	87.3	15.80	12	12	(13)	7.4	14.9	93	57.4	10.1	10.4
do	N. M. M.	Borroloola.	18.9	13.0	12.4	72	76.6	14.97	12	12	(14)	12.9	12.9	93	57.4	10.1	10.4
do	S. A. M. A.	Anson Bay	18.6	13.4	13.4	72	83.1	15.10	12	12	(14)	12.9	12.9	93	57.4	10.1	10.4
205	do	do	18.3	13.6	13.6	72.1	86.1	15.03	10	11.7	7.4	7.4	14.4	81.2	51.4	11.2	11.1
139	do	do	18.3	13.2	13.2	72.1	83.5	14.90	10	11	7.1	7.1	14.3	76.9	49.6	10.6	10.3
178	do	Anson Bay	17.9	12.9	13.2	72.1	85.7	14.67	10	11.1	6.7	6.7	13.2	84.1	50.8	11	10.2
16372	N. M. M.	do	* 18.1	13.1	13.6	72.4	87.2	14.93	10	9.9	7	7	14.1	77.8	49.6	10.8	10.5
16117	do	do	18.5	13.1	13.4	72.4	83.8	15.10	2	11.2	6.8	6.8	13.7	81.8	49.6	11	10.7
16127	do	do	17.4	12.6	13.4	72.4	82.5	14.47	2	11.5	7	7	13.5	85.2	51.8	10.3	9.9
* 23717	do	East Alligator River	18.2	12.7	12.7	72.5	80.9	14.70	2	11.5	7	7	13.0	85.2	51.8	10.3	9.8
5	S. A. M. A.	Charlotte Waters	18.6	13.5	13.8	72.6	86.2	15.30	2	11.6	6.7	6.7	13.3	79.7	50.1	10	10.2
19487	N. M. M.	do	18.7	13.6	13.8	72.6	83.2	15.07	2	11.4	6.7	6.7	13.3	87.7	51.5	9.9	9.8
43	A. L. A.	do	17.8	13	12.9	72.7	79.6	13.97	2	11.4	6.1	6.1	13.3	76.7	46.9	10.6	10
16125	N. M. M.	do	17.8	13	13.3	73	86.4	14.70	2	10.2	6.8	6.8	13.3	76.7	46.9	10.6	10
85	do	do	17.5	12.9	13.3	73.3	87.6	14.57	2	11.3	6.8	6.8	13.3	84.3	50.8	10.4	10
373	S. A. M. A.	Malay Bay	18.4	13.7	13.7	73.9	86.6	15.23	2	11.3	6.8	6.8	13.3	84.3	50.8	10.4	10
183	do	Melville Island	17.7	13.1	13.6	74	86.6	15.33	2	11.3	6.8	6.8	13.3	84.3	50.8	10.4	10
10106	do	Anson Bay	18.4	13.4	13.5	74.4	86.6	15.07	2	11.6	7.1	7.1	13.1	88.6	54.2	10.3	10.5
13033	N. M. M.	do	17.7	13.1	14.4	74.4	83.5	14.97	2	11.6	6.5	6.5	13.0	88.6	54.2	10.3	10.5
do	do	Daly River	18	13.4	13.4	74.4	86.6	15.07	2	11.6	6.5	6.5	13.0	88.6	54.2	10.3	10.5
do	do	Newcastle waters	17.7	13.2	13	74.6	84.4	14.83	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
55	S. A. M. A.	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2	10.3	10.5
do	do	do	17.5	13.1	13.4	74.9	87.6	14.67	2	11.6	6.5	6.5	13.1	88.6	54.2		

NORTHERN TERRITORY CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial angle	Alv. angle	Lower jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal index $\left(\frac{l}{b} \times 100\right)$	
195	S. A. M. A.	Anson Bay.	Adult	10.2	62.5	50	3.7	3.15	3.75	84	55	2.75	55	6.8	6.9	101.5	
115	do.	Tennant Creek.	do.	9.6	(71)	(52)	---	3.75	4.1	91.5	5	2.95	56.7	1 (6.4)	7	104.7	
138	do.	do.	do.	9.6	65	48	---	3.42	3.7	92.4	5	2.8	56	6.7	7	104.5	
• 176	do.	Anson Bay.	do.	9.6	70.5	49.5	3.1	19	3.1	83.8	4.45	2.8	60.7	5.8	6.5	112.1	
79	do.	do.	do.	9.4	---	---	---	3.5	3.5	82.5	4.65	2.6	55.9	---	---	---	
16115	N. M. M.	MacDonnell Ranges.	do.	9.4	67	78	3.5	3.2	3.7	86.5	4.95	2.7	54.6	6.4	7.3	114.1	
3080	S. A. M. A.	Melville Island.	do.	9.2	70.5	51.5	3.2	3.12	3.8	82.1	5.05	2.7	53.6	6	6.8	113.3	
	Dr. Basedow's	Arnhem Land.	do.	9.4	65	54.5	3.8	3.2	3.8	79.5	4.7	2.65	56.4	6.2	6.5	104.8	
	S. A. M. A.	Melville Island.	do.	9.9	71.5	48	---	3.9	3.9	83.7	4.9	2.8	57.1	6.1	6.9	111.3	
122	do.	do.	do.	9.4	70	48	---	3.15	3.72	84.7	4.7	2.6	55.8	6.2	6.5	106.6	
129	do.	do.	do.	9.4	68	44	3.45	3.42	4.08	83.8	5	2.65	53	9.1	6.4	104.9	
181	N. M. M.	Anson Bay.	do.	9.6	---	---	---	3.05	3.9	78.2	4.7	2.7	57.4	---	---	---	
18507	do.	do.	do.	9.6	---	---	---	2.9	3.95	73.4	4.7	2.7	57.4	---	---	---	
16126	do.	do.	do.	9.6	---	---	---	2.9	3.95	73.4	4.8	2.7	57.4	---	---	---	
135	S. A. M. A.	do.	do.	9.4	72.5	51	3.5	3.45	4.1	84.2	5.1	2.65	52	6.1	6.3	103.3	
136	do.	do.	do.	9.4	68.5	51	---	3.28	3.95	83	4.95	2.75	55.6	6.5	7.2	110.8	
214	do.	do.	do.	9.9	---	---	---	3.2	4.35	73.6	5.35	3	56.1	---	---	---	
• 16377	N. M. M.	Borroloola.	do.	9.9	---	---	---	3.25	3.9	82.3	19	5.25	54.5	---	---	---	
142	S. A. M. A.	Melville Island.	do.	9.9	69.5	46	3.65	3.48	3.85	90.2	4.8	2.5	52.1	6.3	7.1	112.7	
428	do.	do.	do.	8.5	69	50.5	---	3.48	3.88	90.4	5.15	2.8	54.4	5.8	6.4	110.3	
130	do.	do.	do.	9.3	69.5	46	---	3.5	3.78	92.6	4.6	2.6	56.5	6.5	6.3	105	
194	do.	do.	do.	8.5	69	50.5	3.65	3.5	3.78	92.6	4.8	2.6	56.5	6.5	6.3	105	
203	do.	do.	do.	9.8	72	75.5	3.5	3.5	3.75	81.3	4.8	2.75	57.3	6.3	6.8	104.6	
5	A. L. A.	Anson Bay.	do.	10.2	65.5	51	3.5	3.05	3.95	76.3	4.85	2.85	53.8	6.3	6.8	107.9	
16359	N. M. M.	do.	do.	8.8	76	59	3.2	3.5	3.65	95.9	5.2	2.8	53.8	6.3	6	106.3	
191	S. A. M. A.	Anson Bay.	Near adult	10.1	69	54.5	3.5	3.08	3.7	80	4.85	2.85	53.8	6.3	6.9	106.3	
56	do.	do.	Adult	9.8	66.5	53	3.2	3.55	3.7	96.9	4.7	2.5	63.2	6	6.3	113.3	
• 230	do.	do.	do.	9.6	68.5	69	3.2	3.05	3.9	78.2	4.8	2.3	47.9	6.6	7.3	110.6	
17083	N. M. M.	Rosewood Downs.	do.	9	72	52.5	3.8	3.58	4.1	87.3	19	5.2	2.95	56.7	5.8	6.7	115.5
16132	do.	do.	do.	9.2	67	50	3.8	3.4	3.85	83.3	19	5.05	50.5	6.4	6.8	106.2	
28727	do.	do.	do.	9.4	64	40	3.4	3.3	3.85	85.7	4.85	2.6	53.6	6.4	6.6	108.1	
17084	do.	do.	do.	9.6	66.5	49	---	3.65	4.05	90.1	5.2	3.05	53.6	6.4	6.9	107.8	
7	S. A. M. A.	Newcastle waters	do.	9.2	---	---	---	3.58	3.75	84.8	4.8	2.6	54.9	---	---	---	
378	do.	Melville Island.	do.	8.8	67	56.5	3	3.72	4.15	86.6	4.9	2.85	56.2	(*)	6.3	106.8	
	do.	do.	do.	8.8	67	56.5	3	3.12	3.68	84.8	4.3	2.6	56.2	---	---	---	

28732	N. M. M.	East Alligator River	do.	9.4	70.5	52.5	3.7	4.1	90.2	5.3	2.8	52.8	6.6	104.8
137	S. A. M. A.	Anson Bay	do.	10	65.5	53.5	3.4	3.65	93.2	4.9	2.3	46.9	6.3	117.5
207	do.	Melville Island	do.	9.8	67	52	3.5	3.8	92.1	5.06	2.8	46.9	6.4	107.8
4229	N. M. M.	do.	do.	9.3	68.5	50	3.2	3.58	79.6	19.4	2.9	61.7	6.1	112.9
16370	N. M. M.	do.	do.	10.2	67	41	3.4	3.95	80.5	19.5	2.95	59	6.2	106.4
16108	do.	do.	do.	9.5	64.5	44.5	3.15	3.6	87.5	4.9	2.65	56.4	6.3	112.4
16374	do.	do.	do.	9.7	71.5	47	3.15	3.75	82.2	4.65	2.6	56.4	6.5	102.5
6	S. A. M. A.	Daly River	do.	9.7	67	50	3.4	3.25	87.4	4.9	2.85	55.9	6.1	112.7
19488	N. M. M.	do.	do.	9.9	68	53.5	3.45	4.28	85.3	5.1	2.85	57.6	6.2	112.7
429	S. A. M. A.	Melville Island	do.	9.6	67.5	46	3.7	4.08	83.9	4.95	2.85	57.6	6.2	114.5
16369	N. M. M.	do.	do.	9.6	67.5	46	3.45	3.9	83.6	15.1	2.7	52.9	6.3	103.2
427	S. A. M. A.	do.	do.	9.7	70	50	3.4	3.9	80.9	5.1	2.8	54.9	6.2	111.3
16123	N. M. M.	Melville Island	do.	9.7	70	50	3.4	3.92	84.8	5.5	3	54.9	6.3	115.9
16123	S. A. M. A.	do.	do.	9.8	71	43.5	3.2	3.15	4.05	77.8	19.4	5	6.3	107.9
11443	N. M. M.	McArthur River	do.	10	69	51	3.3	3.98	79.9	5.1	2.65	52	6.5	100
141	do.	do.	do.	9.8	71	53.5	3.55	4	83.8	19.4	2.65	52	6.5	100
377	do.	Melville Island	do.	10	68.5	55	3.05	3.9	79	19.7	3.1	66.6	6	110.3
16122	N. M. M.	do.	do.	9.8	68	59	3.5	3.6	92.3	5.1	2.65	59	6.2	113.3
15958	do.	Hassan River	do.	9.4	72.5	54	3.4	4	81.9	4.8	3.2	61	6.1	109.3
62	S. A. M. A.	Borroloola	do.	9.2	66.5	48.5	3.4	3.25	81.9	4.8	3.2	61	6.1	109.3
19489	N. M. M.	do.	do.	9.2	66	50.5	3.4	4.05	91.4	19.5	3.05	43.6	6.3	107.9
28719	do.	East Alligator River	do.	9.1	71.5	51	3.45	4.05	91.4	19.9	3.45	43.6	6.3	107.9
152	S. A. M. A.	Port Essington	do.	9.6	71	54.5	3.2	3.7	86.6	4.6	3	66.2	5.7	119.3
184	do.	do.	do.	9	68	49	3.4	3.85	83.6	4.6	2.5	54.4	6	105
370	do.	Anson Bay	do.	9.6	73	48.5	3.5	3.8	84.7	5.3	2.95	56.7	6.2	111.3
16105	N. M. M.	Melville Island	do.	9.2	68	58.5	3	3.25	83.3	4.7	2.8	59.6	5.8	106.2
28722	do.	do.	do.	10.6	63	52.5	3.45	3.55	83.3	4.6	2.7	68.7	6.7	104.5
66	S. A. M. A.	East Alligator River	do.	9.3	67	48.5	3.55	4.05	87.6	5.3	2.6	49.1	6.1	113.1
74	do.	Port Darwin	do.	9.4	62.5	45	3.15	3.85	81.8	4.5	2.7	60	6.1	104.5
186	do.	Bowen's Straits	do.	9.5	66.5	50	3.25	4	81.9	4.8	3	62.5	6.9	109.7
16116	N. M. M.	Anson Bay	do.	9.9	72.5	56.5	2.85	3.82	79.8	19.4	2.9	69	5.8	115.5
Q	S. A. M. A.	do.	do.	9.9	72	47.5	3.3	3.9	80.8	4.9	2.4	49	6.5	116.1
16379	N. M. M.	MacDonnell Ranges	do.	8.4	74	50	3.1	3.9	76.9	19.3	2.4	49	6.5	116.1
140	S. A. M. A.	do.	do.	9.4	74	50	3.4	3.9	87.2	19.2	3	67.7	6.9	121
78	do.	MacDonnell Ranges	do.	9.4	72	55	2.98	3.78	78.8	4.4	2.55	58	6.1	109.8
202	do.	Anson Bay	do.	8.7	70	52.5	3.35	3.92	86.4	5.1	2.7	52.9	6.4	110.3
9	S. A. M. A.	do.	do.	10.2	66.5	49	3.05	3.92	86.4	5.15	2.8	54.4	6.3	101.6
123	S. A. M. A.	Melville Island	do.	9.4	69	50	3.3	3.95	76	4.9	2.6	58.1	6.0	104.8
8	do.	Adelaide River	do.	9.4	70	48	3.08	3.85	80	4.4	2.65	59.6	6.5	110.2
211	do.	Borroloola	do.	8.8	71	45	3.5	3.9	89.7	4.9	2.65	59.6	6.5	106.7
16112	N. M. M.	do.	do.	9	68	50.5	3.1	3.85	80.5	4.55	2.55	56.1	6	106.7
16373	do.	do.	do.	10.4	67	46	3.2	4.02	84.6	4.9	2.7	51.9	6.7	111.1
185	S. A. M. A.	Anson Bay	do.	9.6	67	46	3.3	4.02	84.6	19.5	2.9	62.4	6.9	108.5
10	S. A. M. A.	do.	do.	9.2	69	45	3.35	3.68	79.7	4.65	2.7	62.4	6.9	108.5
133	S. A. M. A.	do.	do.	10.2	70	61.5	3.42	3.85	83.1	4.9	2.85	58.2	6.9	120.5
17087	N. M. M.	do.	do.	9.4	67	53.5	3.42	3.9	87.7	3.3	2.55	46.1	6.5	95.4
15114	S. A. M. S.	Port Darwin	do.	9.4	67	52.5	3.42	3.08	84.8	19.4	2.6	54.7	6.7	103
60	S. A. M. A.	Victoria River	do.	9.2	69.5	49.5	3.42	4.15	82.4	4.5	3	59.4	6.2	114.5
77	do.	MacDonnell Ranges	do.	8.8	72	47.5	3.22	3.7	83.8	19.5	2.75	53.9	6.3	106.4
10	do.	do.	do.	9.9	82.6	46.5	3.22	3.9	82.6	4.65	2.8	60.2	7.3	114.1
10	do.	do.	do.	4.2	85.2	47.7	3.58	4.2	85.2	4.7	2.8	59.6	7.2	105.9

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 21.

NORTHERN TERRITORY CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index (b×100)
17081A	N. M. M.		Adult	8.1	71	89	3.4	3.45	3.92	88	19.5	2.65	62	9	6.5	136.9
* 218	S. A. M. A.	Borroloola	do.	9				3.98	4.2	94.8	9.1	2.75	69.9			
205	do.	Anson Bay	do.					3.35	3.92	85.5	5.15	2.85	65.5			
139	do.		do.	10.2	70	89.5	3.6	3.2	4.02	79.6	5.05	2.95	68.7	6.3	6.7	106.4
178	do.	Anson Bay	do.	9.4	68	52	3.2	3.55	3.88	91.5	4.9	2.6	61.5	6.1	6.4	104.9
16372	N. M. M.		do.	9.6	68.5	42	3.2	3.66	3.95	93.2	4.9	2.95	60.2	6.2	6.3	101.6
16117	do.		do.	9.6	68.5	50.5	3	3.25	3.9	83.5	5	2.8	56	6.3	6.7	106.4
16127	do.		do.	10	69.5	57	3.2	3.28	3.82	86.9	4.7	3.1	60	6.4	7	109.4
* 28717	do.		do.	9.3	67	56	3.2	3.42	3.8	90	4	2.6	62	5.9	6.5	110.2
5	S. A. M. A.	East Alligator River	do.	9	72.5	52	3	3.45	3.8	90.8	4.96	2.75	55.6	(9)		
19487	N. M. M.	Charlotte Waters	do.	8.6	69.5	45.5	3.3	3.5	3.9	89.7	5	2.8	56	5.8	6.8	117.2
43	A. L. A.		do.	9.5	67.5	47	3.1	3.2	3.85	83.7	4.55	2.65	58.2	5.9	6.6	117.9
16125	N. M. M.		do.	8.8	67.5	44.5	3.2	2.85	3.88	73.4	19.4	2.8	60.2	5.9	6.5	106.8
85	S. A. M. A.	Malay Bay	do.													
375	do.	Melville Island	do.													
183	do.	Anson Bay	do.	9	71.5	50	3.2	3.55	3.72	60	5.1	2.5	47	6	6.8	113.3
16106	N. M. M.		do.	9.4	67	52.5	3.5	3.08	3.8	81	4.35	2.25	51.7	6	6.3	103.3
13083	do.	Daly River	do.	9.6	64.5	46.5		3.32	3.9	86.1	19.4	3.15	56.6	6.3	6.3	100
55	S. A. M. A.	Newcastle waters	do.	8.9	60.5	49.5		3.42	3.98	85.9	4.65	3.15	67.7	3.9	6.9	117
* 61	do.		do.	9.6	70.5	53		3.4	3.75	90.7	4.65	2.8	69.6	6.7	6.7	111.7
72	do.	Port Darwin	Near adult	9.1	63.5	43		3.38	3.92	86.2	4.7	2.8	69.6	6.2	6.6	106.4
67	do.	Victoria River	Adult	9.1	63.5	43		3.52	3.95	89.1	5.2	2.75	62.9	6.3	6.6	104.8
16367	N. M. M.		do.	9.7	70	57	3.6	3.7	4.15	89.2	19.5	2.45	47.1	5.9	6.9	123.2
A 5113	A. M. S.	Port Darwin	do.	9	68	51		3.55	3.7	95.9	4.9	2.45	50	5.6	6.9	123.2
* P	S. A. M. A.	MacDonnell Ranges	do.	9				3.52	3.98	88.4	5.25	2.9	55.2	6.4	7	109.4
Totals				(100)	(60)	(90)	(34)	(167)	(167)	(167)	(160)	(108)	(160)	(63)	(92)	(98)
Averages				95.1	68.6	61	180.1	353.28	417.89	513.3	290.5	290.5	290.5	584.7	643.45	109.3
Minima				8.4	62.5	40	3.34	3.32	3.9	85.1	4.9	2.74	56.9	6.15	6.72	102.3
Maxima				10.6	74	69	3.8	3.98	3.58	73.4	4.2	3.25	46.9	6.8	7.4	123.2

- Colored with red ochre.
- 2 mm. discounted for crest.
- Face normal.
- Moderate intranasal shelves.
- Upper incisors broken out.
- Moderate intranasal shelves.
- Nasal border distinct.

- Prominent supramastoid crests—largest ever seen.
- Lateral incisors shovel shaped; medians show trace.
- Both upper and lower median incisors knocked out.
- Very heavy parietal (8-9 mm.).
- Very heavy parietal (7-9 mm.).
- Zygomatic processes very thick.
- Heavy, low type.

- Surely male.
- All teeth present.
- All stained red (ocher).
- Slightly femalike, but male.
- Tribe Marra Nungga.
- Massive.
- Whole skeleton.

NOTE.—For footnotes to reference figures see p. 3.

VICTORIA CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Blyzgomatle max. (c)	Factual Index, total $\left(\frac{a \times 100}{c}\right)$	Factual Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
12909	N. M. M.	Loddon and Little Murray Rivers.	Adult	20.4	13.3	14.6	65.2	88.9	16.10	43.4	8.3	14.5	92.4	57.2	11.6	10.8
18333	do	Lake Boga.	do	20.1	13.2	14.7	65.7	88.6	16.10	112.4	7.8	14.2	87.3	54.9	11.1	10.7
16214	do	Near Ararat	do	19.8	13.2	13.8	66.7	83.6	15.09	111.6	7.2	13.6	85.3	51.9	11.3	10.9
84	A. L. M.	do	do	20.3	13.1	14	67.5	86.4	15.50		7.2	14.1		51.1	10.8	10.9
13305	N. M. M.	do	do	20.3	13.7	13.5	67.5	79.4	15.83		7.1				11.3	11.2
12912	do	Loddon and Little Murray Rivers.	do	19.4	13.1	14.2	67.5	87.6	15.57		7	14.2		49.5	11.4	10.9
12994	do	Near Swan Hill	do	19.1	12.9	13.7	67.5	85.6	15.23	711.3	6.5	13.3	85	48.9	10.8	10.4
22	A. L. M.	do	do	19.8	13.4	14.2	67.7	85.5	15.80		7.5	13.9		51.7	11.3	10.9
13004	N. M. M.	Wannon River.	do	19.3	13.1	13.4	67.9	82.7	15.27		7.2	13.3		51.1	10.7	10.7
19892	do	Mortlake.	do	20.1	13.6	13.4	68.7	79.8	15.67		7.7	14.1		51.7	11.1	11.1
13010A	do	Near Koondrook.	do	19.2	13	13.4	68.1	83.8	15.17	111.1	7.2	13.2		51.6	10.7	10.4
16212	do	Warinamboul	do	19.2	13.1	13.7	68.2	84.6	15.33		6.9	14		49.5	10.8	10.2
14319A	do	Strathmarton	do	19.8	13.5	14.3	68.2	86.1	15.87	121.1	(4)	13.4	90.3			10.6
14319A	do	Near Koondrook.	do	19.2	13.1	13.9	68.2	85.8	15.40	10.4	6.1	13.7	75.9		10.9	10.5
13007A	do	Near Koondrook.	do	19.2	13.1	13.6	68.2	84	15.30		6.7	13.8		52.2	11.2	10.9
74	A. L. M.	do	do	19.8	13.6	13.7	68.7	82	15.70		(19)	13.9				10.1
83	do	do	do	18.6	12.8	13	68.8	82.8	14.80		6.9	12.7		51.5	10.6	10.5
A10799	A. M. S.	Port Fairy.	do	20.8	14.3	13.2	68.8	75	16.10		7.1	14.8		48.6	11	10.5
1245	do	Kerung.	do	19.2	13.2	13.6	68.8	81	15.33		7.5	13.4		48.6	11	10.5
13300	N. M. M.	(Torres Strait?)	do	19.1	13.2	13.8	69.1	85.2	15.37		7	13.8		51.1	11	10.4
16299	do	do	do	19.4	13.4	13.3	69.1	87.2	15.70	1010.7				51.6	10.9	10.6
12861	do	Kerung.	do	18.8	13	13.3	69.2	87.9	14.93		11.7			76.4	11.3	10.7
16215	do	Nunukulkan.	do	18.8	13	13.3	69.2	81.8	14.93		11.7			80	11.3	10.7
13006A	do	Near Koondrook.	do	19.8	13.7	14.5	69.2	86.5	16	111.6	7.2	14.2		53.7	11.3	10.7
82	A. L. M.	do	do	18.8	13	13.2	69.2	89	15		6.9	14.2		60.7	11.3	10.7
16211A	N. M. M.	Lake Boga.	do	19.3	13.4	14.4	69.4	87.8	15.70	111.2	7.3	14.5		54.8	9.8	9.7
12736	do	Swan Hill.	do	18.6	12.9	13.5	69.4	85.4	15	112.3	7.4	13.8		60.3	11.3	11.1
49	A. L. M.	do	do	18.6	12.9	13.6	69.4	86.1	15.03	111.7	7.4	13.8		55.6	10.8	10.3
13034	N. M. M.	Near Wieliffe	do	19.4	13.2	13.8	69.5	85.7	15.33		7.1	13.4		55	10.4	10.3
48	A. L. M.	do	do	19.4	13.6	14.2	69.6	78	15.23			14.4			10.4	10.6
14323	N. M. M.	Mortlake.	do	19.5	13.6	14.3	69.7	86.1	15.80		7.2	14		51.4	10.7	10.7
13268	do	Wimmera district	do	19.2	13.4	13.9	69.8	85.5	15.50		7.3	13.4		54.5	10.4	10.1
18500	do	Koondrook.	do	18.6	13	13	69.9	82.3	14.87	10.6	6.1	13.7		44.5	10.9	9.8
12798	do	Murrabit.	do	18.6	13	13	69.9	82.3	14.87	10.9	7	13.8		50.7		

12964	do	Hamilton	13.3	13.6	70	84	15.30	(9)	7.4	14.1	58.6	41.4	11.3
19330	do	Mortlake	13.6	13.8	70.1	83.6	15.60		7.3	14	52.1	11.8	10.7
13126A	do	Jung Jung	13.6	14.6	70.1	83.6	15.87	10 11.5	7.2	14	51.4	11.4	11
13000	do	Jones Creek	13.2	13.5	70.2	84.4	15.17		6.9	14.6	47.5	10.3	10.3
29519	do	Natimuk	13.9	13.6	70.2	81	15.77	10 10.7	6.8	13.7	48.9	11.4	10.5
18501	do	Koondrook	13.5	13.6	70.3	86.1	15.03	10 10.3	6.2	13.7	76.2	10.6	9.7
45	A. L. M.	do	13.5	14.2	70.3	86.6	15.63	11.1	7	13.9	46.5	10.6	10.3
14324	N. M. M.	Hexham	13.4	14	70.5	86.4	15.47		(0)	13.7	49.7	10.2	10.4
12859	do	Keung	13.6	13.5	70.5	82.5	15.47		7.3	14.7	49.7	10.2	10.5
12907	do	Loddon and Little Murray Rivers.	13.4	13.7	70.5	84.6	15.37	11.2.2	7.4	13.8	53.6	11.3	10.3
A	do	Rockwood	13.7	14	70.6	84.5	15.70	11.5	7.1	13.4	85.8	10.7	10.2
32	A. L. M.	do	13.2	12.9	70.6	80.6	14.93	11.7	7.3	13.3	88	10.9	10.4
30	do	do	13.6	13.7	70.8	83.5	15.50	11.7	7.3	13.3	54.9	10.4	10.5
76	do	do	13.4	14.2	70.9	87.6	15.50		7.2	12.9	88	11.1	10.8
19828	N. M. M.	Mortlake	13.2	13.5	71	87.6	15.10		6.7	12.9	56.8	10.6	10.8
18509	do	Koondrook	12.8	13.5	71.1	87.7	14.77	11.3	7.1	14.2	72.6	10.8	10.1
12976	do	Loddon and Murray Rivers	13.8	14	71.1	84.5	15.73		7.1	14.2	50	10.9	10.6
3	A. L. M.	do	13.6	14	71.4	73.3	15.67		7.1	14.6	48.6	11.1	10.5
28921	N. M. M.	do	13.6	14.4	71.6	83.5	15.67		7.1	13.3	48.6	11.1	10.5
12960	do	Lower Wimmera	13.2	13.2	71.7	83.6	14.93	11.7	7.1	13.3	88	10	10.2
94	A. L. M.	do	13.8	14.1	71.9	85.4	15.70		7.3	13.8	53.4	10	11.5
83	do	do	13.7	13.5	72.1	82.5	15.40	10.3	6.0	14.1	82.9	11.3	10.1
14325	N. M. M.	Hexham	14	14.2	72.2	85	15.87		7.6	14.7	43.5	10.4	10.1
12863	do	Myall	13	13.8	72.2	89	14.93	11.6	6.8	13.7	51.7	11.3	10.2
12908	do	Reedy Creek	13.6	13	72.3	80.2	15.13		7.5	14.4	49.6	10.6	10.3
43	A. L. M.	do	13.6	13.8	72.3	82.1	15.77		7.5	14.4	47.2	10.3	9.9
87	do	do	13.5	13.5	72.7	83.3	15.27	11.6	7.5	14.7	51.8	10.5	10.4
6	do	do	13.6	13.4	72.7	82.7	15.23		7.2	13.9	83.4	11	10.3
80	do	do	13.6	13.4	72.7	82.7	15.23	10 9	7.2	13.8	52.2	10.6	10.3
28924	N. M. M.	Sweet Creek	13.7	12.8	72.9	79	15.10		7.5	13.7	10	10.6	10.6
12740A	do	Isopetown	13.2	13.4	72.9	85.9	14.90	11.2	7.1	13.5	54.7	10.8	10.3
12990	do	Barwon River, Geelong	13.8	13.6	73	82.9	15.43		7.2	14.2	83	10.6	10.1
92	A. L. M.	do	14.2	14.4	73.2	83.7	16		6.6	14.1	50.7	10.4	10.2
13008A	N. M. M.	Near Koondrook	13.7	13.6	73.7	84	15.30	10.7	6.5	14.1	78	10.5	9.9
70	A. L. M.	do	13.7	13.6	73.7	84	15.30		6.7	13.6	75.9	10.3	10.1
42	do	do	13.6	(*)	73.9	83.8	15.13	10 11.3	6.7	13.6	52.9	10.2	9.9
18503	N. M. M.	Koondrook	13.6	14	74.5	81	15.13		8.1	14.1	80.1	10.9	10.3
25436	do	do	13.6	12.9	74.7	81	14.90		7.5	14.2	55.2	10.2	10.3
38	A. L. M.	Appolo Bay	13.6	12.7	74.7	79.9	14.83	10 10.6	6.5	13.4	75.7	10.6	10.2
9	do	do	14.2	13.6	74.2	83.4	15.40	10 11.2	7.2	13.4	83.6	10.4	10.5
15210A	N. M. M.	Echned	14.1	13.2	77.9	89	15.13	10 11.1	6.7	14.8	79.5	10.6	10.2
Totals			(71)	(72)	(71)	(71)	(72)	(35)	(38)	(49)	(61)	(68)	(72)
Averages	1,412.2	991.9	984.8	1,412.2	1,412.2	1,412.2	1,412.2	430.1	483.2	937.9	703	703	752.7
Minima	18	12.8	12.7	15.44	15.68	70.4	84.1	11.52	7.11	18.88	51.2	10.82	10.45
Maxima	20.8	14.3	14.7	65.2	76	77.9	89	16.10	6.1	12.7	82.5	70.1	9.7
									8.3	14.8	92.4	11.8	11.5

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 25.

VICTORIA CRANIA—Continued
MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b}\right)$
12909	N. M. M.	Loddon and Little Murray Rivers.	Adult	10.2	63	57	4.1	3.58	3.85	83	5.05	2.7	55.5	7	7.6	108.6
18333	do.	Lake Boga.	do.	0.8	66.5	55.5	3.6	3.32	3.9	85.1	5.1	2.9	55.9	6.7	7.3	108.8
16214	do.	Near Ararat.	do.	10.1	68.5	55.5	3.9	19 3.15	19.4	78.7	4.9	3	61.2	6.8	6.7	111.7
84	A. L. M.	do.	do.	9.6	72	54.5	do.	3.58	3.8	94.2	5	3	60	6	6.7	109.5
13305	N. M. M.	do.	do.	10.1	71	do.	do.	19 3.2	19.4	80	do.	do.	do.	6.3	6.9	106.1
12912	do.	Loddon and Little Murray Rivers.	do.	10	68	49.5	do.	3.38	3.9	86.6	4.8	2.8	58.3	6.3	7	do.
12994	do.	Near Swan Hill.	do.	9.6	69	51.5	3.7	2.95	3.6	81.9	4.45	2.6	58.4	6.3	6.6	104.8
22	A. L. M.	Wannon River.	do.	10.3	68	61	3.7	3.22	3.92	82.2	4.5	2.95	59.2	6.5	6.6	101.5
13004	N. M. M.	Mortlake	do.	9.6	70	56	3.7	3.35	3.68	91	5.2	3.05	61	6.1	6.7	109.8
12822	do.	Near Koondrook.	do.	9.7	69	52	3.3	3.48	3.85	90.4	4.9	2.9	55.8	6.3	6.9	109.5
13010A	do.	Warramboul.	do.	9.6	68	56	3.3	3.48	3.8	78.9	4.8	2.5	51	6.3	6.8	107.9
16212	do.	Strathmarton.	do.	9.7	66	55	3.9	3.38	4	84.5	4.7	2.8	58.8	6	7.4	133.5
14319A	do.	Near Koondrook.	do.	9.4	70	52	3.2	2.95	4.05	72.8	4.4	3.1	60	3.9	7.2	132
13007A	A. L. M.	do.	do.	9.9	69	53.5	do.	3.48	4	87	4.4	2.7	61.4	3.9	6.7	101.5
83	do.	do.	do.	9.4	66	52	do.	3.52	4.12	85.4	4.7	2.8	59.4	6.3	6.6	104.8
A 10799	A. M. S.	Port Fairy	do.	9.4	66	52	do.	2.98	3.58	83.2	4.8	2.95	59.2	6.3	7.1	114.8
1245	do.	do.	do.	9.9	67	56	3.5	3.12	4.15	75.2	4.9	3.05	62.2	6.5	7.6	116.9
13300	N. M. M.	do.	do.	9.6	67.5	47.5	do.	2.98	3.78	78.8	4.9	2.9	59.2	6.5	7.5	117.2
16229	do.	Torres Strait (?)	do.	9.6	65	52	do.	3.4	4.1	82.9	5	2.7	54	6.4	6.7	114.8
12861	do.	do.	do.	9.6	69.5	47	3.8	3.3	3.9	84.6	4.9	3.05	62.2	6.1	7	109.7
16215	do.	do.	do.	9.5	68	45.5	3.7	3.15	3.95	79.8	4.5	2.85	54.8	6.2	6.8	104.8
13006A	do.	Near Koondrook.	do.	9.9	66.5	49	3.7	3.48	4.02	80.6	4.55	2.75	55.2	6.6	7.1	107.6
82	A. L. M.	Lake Boga.	do.	8.4	69	51	3.35	3.15	3.75	84.8	4.95	2.65	58.2	3.9	6	101.7
16211A	N. M. M.	Swan Hill.	do.	10.2	69.5	57	3.4	3.18	3.92	87.1	4.95	2.9	58.6	6.1	7	114.8
12786	N. M. M.	do.	do.	9.4	63	49	3.9	3.5	4.02	83.1	5.1	2.6	51	6.7	7	104.5
49	A. L. M.	do.	do.	9.4	69.5	57.5	3.5	3.48	3.95	88.1	5.1	2.6	52	6.1	6.8	111.5
13034	N. M. M.	Near Wicheite	do.	9.4	69.5	56	do.	19 3.35	19.4	15	80.7	2.55	50	do.	do.	do.
48	A. L. M.	Mortlake.	do.	9.6	70.5	56.5	do.	3.5	3.95	89.6	4.9	2.65	54.1	6.3	6.7	106.4
14823	N. M. M.	Wimmera district.	do.	9.3	67	55	3.2	3.45	3.85	86.6	5.1	2.7	52.9	6	7	116.7
13298	do.	Koondrook.	do.	9.7	63	46	3.2	3.08	3.82	80.6	4.35	3	69	6.2	6.8	109.7
18500	do.	do.	do.	9.7	63	46	3.2	3.15	3.5	82.9	4.75	2.4	50.5	6	7	116.7
12738	do.	Murrabit.	do.	9.7	63	46	3.2	3.15	3.5	82.9	4.75	2.4	50.5	6	7	116.7

12964	do.	Hamilton	do.	10	49	43.6	3.38	4.3	76.6	5.25	2.7	51.8	6.4	6.9	107.8
19330	do.	Mortlake	do.	10	63	44	3.52	4.1	86.8	4.8	2.75	57.8	6.8	6.9	101.5
13125A	do.	Jung Jung	do.	10.1	68.5	4	3.35	3.95	84.8	4.9	2.9	60.2	6.6	7.5	113.6
13000	do.	Jones Creek	do.	9.4	70	56	3.25	4.15	78.8	4.7	2.65	56.4	5.9	6.8	115.2
29519	do.	Natimuk	do.	10.3	65	56.5	3.4	3.9	76.9	4.5	3	66.7	6.4	7	103.4
18501	do.	Koondrook	do.	9.4	64.5	42.5	3.3	3.62	91.2	4.6	2.8	60.9	5.9	6.7	113.6
45	A. L. M.	do.	do.	9.4	66.5	47.5	3.25	3.95	82.9	4.75	2.9	61.1	6.3	7.1	112.7
14324	N. M. M.	Hexham	do.	9.8	193.4		3.32	3.98	83.4	18.4	2.55	64.2	5.0	6.2	110.7
12859	do.	Kerang	do.	9.3	71.5	60.5	3.9	4	97.5	5.15	2.55	49.5	6.5	7.1	108.2
12907	do.	Loddon and Little Murray Rivers.	do.	9.8	63	48.5	3.7	3.32	85.2	5	3	60	6.5		
A	do.	Rockwood	do.	9.6	66.5	56.5	3.28	3.95	83.5	4.8	2.6	54.2	6.5	7.5	115.4
32	A. L. M.	do.	do.	9.8	67	58	3.45	3.9	88.5	4.95	2.85	57.6	6.1	7.1	116.4
30	do.	do.	do.	9.7	66	51	3.6	3.9	86.7	4.85	2.7	58.7	6.4	6.7	103.1
76	do.	do.	do.	9.4	72	56	3.45	4	86.2	4.85	2.85	58.8	6.1	6.7	103.8
19828	N. M. M.	Mortlake	do.	9.4	65	49.5	3.8	3.9	85.1	4.8	2.75	57.9	6.4	6.9	107.8
18509	do.	Koondrook	do.	9.9	68.5	55.5	3.2	3.7	92.5	5.2	3.25	62.5	6	6.8	113.3
12976	do.	Loddon and Murray Rivers.	do.	9.9	66.5	50	3.32	4.02	82.6	4.95	2.85	55.9	6.3	7.6	120.6
28021	A. L. M.	do.	do.	9.9	66.5	53	3.55	3.95	89.9	13.4	2.85	58.2	6.3	7.1	112.7
12960	N. M. M.	Lower Wimmera	do.	8.4	60	51.5	3.2	3.6	89.5	18.5	2.75	55	5.8	6.5	112.1
94	A. L. M.	do.	do.	10.2	73	56.5	3.3	3.95	83.6	5.1	2.9	51	5.9	6.4	108.5
53	do.	do.	do.	9.4	70	53.5	3.5	3.9	78.2	18.4	2.6	51	6.6	6.9	119
14325	N. M. M.	Hexham	do.	10.1	67.5	49.5	3.8	3.95	83.6	5.1	2.6	51	7.4	8.1	112.1
12863	do.	Myall	do.	9.2	67.5	52	3.3	3.78	89.5	18.4	2.55	56	6.1	6.8	111.5
12908	do.	Reedy Creek	do.	9.4	68	56.5	3.42	4.05	90.1	4.9	3	61.2	6.1	6.6	108.2
43	A. L. M.	do.	do.	9.4	68	54	3.7	3.2	88.5	5.25	2.75	52.4	6.2	7.2	116.1
87	do.	do.	do.	9.8	67	54	3.4	3.88	82.5	m	3.05	61.6	6.3	6.8	107.9
6	do.	do.	do.	9.3	68	53	3.4	4.05	81	4.8	2.65	56.2	6.6	7	106.1
80	do.	do.	do.	9.2	74	62.5	3.4	19.3	82.4	4.95	2.25	45.5	6.6	6.9	104.6
28024	N. M. M.	Sweet Creek	do.	9.4	65.5	54	3.42	3.9	82.7	4.75	2.85	60	5.8	6.4	110.8
12750A	do.	Hobolton	do.	9.4	69	54.5	3.4	3.8	89.1	4.7	2.5	53.2	6.1	6.5	106.6
12986	do.	Barwon River, Geelong	do.	9.3	68	56.5	3.28	3.8	84.6	4.85	2.6	53.6	6.1	6.5	106.6
92	A. L. M.	do.	do.	9.1	67	49.5	3.1	4	91.9	4.5	2.8	62.2	5.8	6.4	110.9
13008A	N. M. M.	Near Koondrook	do.	9.1	70	49	3.6	3.7	91.9	4.65	2.6	56.9	5.9	6.5	110.2
70	A. L. M.	do.	do.	8.8	67	48	3.5	3.38	86.4	18.5	2.7	52.9	6	6.7	111.7
42	do.	do.	do.	9.6	65	51.5	3.55	3.38	81.4	5.2	3	57.7	6.1	7	114.8
18503	N. M. M.	Koondrook	do.	9.6	68.5	53.5	4	3.48	87	5.1	3.05	52.8	6.4	7	109.4
25436	do.	Appollo Bay	do.	9.2	68	52.5	3.5	3.08	84.4	4.7	2.7	57.4	6.1	7	114.8
38	A. L. M.	do.	do.	9.2	68	52.5	3.2	3.35	83.8	5.05	2.95	58.4	6.1	7	114.8
9	do.	do.	do.	9.6	67	51	3.2	4	80	4.75	2.85	60	6.1	7	114.8
15210A	N. M. M.	Echued	do.	9.4	67	51	3.5	19.3	81.7	5.1	2.85	55.9	6.1	7	114.8
Totals				(71)	(64)	(64)	(72)	(72)	(72)	(72)	(72)	(72)	(68)	(63)	(65)
Averages				680.6	67.5	153.25	293.08	282.43	351.45	200.65	200.65	440.3	405.9	440.3	110.8
Minima				8.4	63	42.5	3.05	2.95	72.8	4.3	2.25	45.5	5.6	6	101.5
Maxima				10.3	74	63.5	3.9	4.3	97.5	5.25	3.25	69	7	7.6	123.8

* Atypical.

* Premature occlusion of sagittal suture but no scaphocephaly.

* Alveolar point absorbed; measurement was more.

* Asymmetrical.

* Large intranasal fossae.

* Well-marked intranasal shelves.

* Whole skeleton.

* Surely male.

* Fairly high.

* Right upper median incisor missing; left broken.

* Moderate intranasal fossae.

* Moderate intranasal fossae.

NEW SOUTH WALES CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxium (glabella ad maxium)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxium (c)	Facial Index, total $\left(\frac{c}{8 \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
433	S. A. M. A.	Moorna	Adult	20.3	13.1	13.1	64.5	79.9	15.33	11.7	7.2	14.2	82.4	50.7	11.1	10.6
• 25	do	Lake Victoria	do	20	12.9	13.1	64.5	79.9	15.33	9.13	7.4	13.8	94.2	55.6	11.1	10.7
792	A. L. S.	Tamworth	do	20.4	13.2	13.7	64.7	80.4	15.70							
23316	N. M. M.	Lower Darling	do	19.6	12.7	13.4	64.8	82.7	15.23	11.5	6.4	13.6	84.6	64.4	11.7	10.9
• 17748	do	Euston	do	18.5	12.2	13.6	66	88.3	14.77	11.3	6.4	13.6	86.9	49.2	10.9	10.4
• 219	S. A. M. A.	Darling River	do	19.1	12.6	13.6	66	88.3	14.77	10.9.6	6.3	13.6	78.8	48.6		
S1158	A. M. S.	Yabtree, Gundagai	do	19	12.6	13.8	66.3	87.3	15.13							10
11348	do	do	do	19.6	13	13.8	66.3	87.3	15.13							
31	A. L. M.	do	do	19.6	13	14.2	66.3	86.6	15.63	12	7.7	13.9	86.3	56.4	9.6	10.3
1469	A. M. S.	Port Stephen	do	19	12.7	13.3	66.8	84.2	15	12.5	7.2	13.7	91.2	55.6	11.5	10.5
34	A. L. A.	do	do	19.8	13.3	12.8	67.2	77.1	15.30	12.5	7.2	13.7	91.2	55.6	11	10.8
28922	N. M. M.	Moorna	do	19.3	13	13	67.4	80.2	15.10							
E16372	A. M. S.	Darling River	do	19.4	13.1	13.1	67.5	80.9	15.20	12.7	7	12.9	98.4	61.8	11.3	10.7
1308	A. L. S.	Sidney	do	20.1	13.6	14.4	67.7	86.7	16.03	11.3	7	13.5	83.7	61.8	11.3	11.1
S267	A. M. S.	Grafton	do	19.6	13.3	14.1	67.9	86.7	15.67	12.5	7.6	13.7	91.2	56.6	11.3	10.5
430	S. A. M. A.	Lake Victoria	do	18.8	12.8	13.3	68.1	84.2	14.97	12.5	7.6	13.7	91.2	56.6	11.3	10.5
S1643	A. M. S.	Cronella	do	18.8	12.8	13.3	68.1	84.2	14.97	12.5	7.6	13.7	91.2	56.6	11.3	10.5
• 1210	do	do	do	20.2	13.8	(7)	68.1	84.2	14.97	(9)	7.1	13.4	88.6	48.6	9.9	10.4
• 11650	do	Bogan	do	18.4	12.6	12.4	68.5	82.9	16.03	10.3	7.3	13.3	86.3	48.1	10.4	9.6
A11773	do	Cobar	do	18.6	12.8	13.4	68.8	85.4	14.47	11.7	7.2	12.4	94.4	58.1	9.8	9.6
113	S. A. M. A.	Rufus Creek	do	19	13.1	13.2	69.2	82.6	15.10						10.9	10.3
E13308	A. M. S.	Darling River	do	18.8	13.1	13.3	69.2	81.8	14.93	10.11	6.8	13.2	78.6	51.6	11	9.9
23	A. L. A.	Rufus Creek	do	18.9	13.1	13	69.2	81.2	15	10.11	6.7	14	80.7	47.9	10.2	10.4
• 88	S. A. M. A.	Tolarno	do	18.9	13.2	13.4	69.4	83.8	15.17	11.3	6.7	14	80.7	47.9	11.2	10.4
13424	N. M. M.	Denilquin	do	19.7	13.7	14.1	69.5	80.7	15.53		7.3	14	84.9	52.1	10.4	9.7
18	A. L. M.	Richmond River	do	19.6	13.3	13.1	69.6	80.9	15.17	10.7	6.5	12.6	84.9	51.6	10.4	10.4
S637	A. M. S.	do	do	19.1	13.3	13.1	69.7	79.8	15.67	10.7	6.9	12.6	84.9	51.6	10.4	11
21	A. L. M.	do	do	19.5	13.8	13.4	69.7	79.8	15.67	10.5	6.9	13.4	78.4	54.5	10.4	10.2
A46	A. M. S.	Cowra	do	18.6	13	13.9	69.7	83.7	15.67	11.8	6.8	13.5	86.9	50.4	11.3	10.2
• 24	S. A. M. A.	Lake Victoria	do	18.6	13	13.4	69.9	84.8	15	11.6	6.8	13.5	86.9	50.4	11.3	10.2
2356	A. L. S.	Near Sidney	do	18.6	13	13.2	69.9	85.5	14.93	11.8	6.8	13.5	88.7	54.1	10.8	10.2
16996	N. M. M.	Denilquin	do	19	13.3	13.7	70	80.2	15.10	10.8	6.5	13.3	81.2	48.9	11.1	10.3
• 86	A. L. A.	Moorna	do	18.4	12.9	12.9	70.1	82.7	14.73	10.8	6.5	13.3	81.2	48.9	11.1	10.4
12	A. L. M.	do	do	19.8	13.9	14.2	70.2	84.5	15.97	7	7	13.2	81.2	48.9	11.1	10.4
10	do	do	do	18.2	12.8	13.5	70.3	87.1	14.83	(a)	7	13.2	81.2	48.9	10.7	10.2

117	S. A. M. A.	Moorna.....	do.	18.7	13.2	13.8	70.6	86.9	15.23	11.11.9	7	13.9	86.6	60.4	10.7	10.7
118	do.	do.	do.	18.7	13.2	12.3	70.6	76.9	14.73	9.11	6.8	12	91.7	56.7	10.7	10.7
794	A. L. S.	Near Sidney.....	do.	18.4	13	13	70.6	82.8	14.80		6.7	13.4	50	50	10.4	9.5
e A11969	A. M. S.	Wellington Caves.....	do.	18.4	12.8	12.8	71.1	83.1	14.53		6.8	13.1	81	51.9	9.7	9.6
f 477	A. L. S.	do.	do.	18.4	13.9	13.8	71.6	80.7	13.57	4.11.8	6.8	11.2	82.1	46.5	10.5	10.4
706a	do.	Kyogle.....	do.	18.7	13.4	13.8	71.7	86.3	15.30	11.1	7.5	11.4	77.1	46.5	10.6	10.5
26	A. L. M.	Nowoa.....	do.	18.7	13.4	14.2	71.9	86.1	15.73		6.7				10.6	10.5
23	do.	do.	do.	18.6	13.4	13.6	72	85	15.20		6.2	13.8	49.6	49.6	10.6	10.3
1238	A. M. S.	Manning.....	do.	17.9	12.9	13.8	72.1	84.2	15.20		7.1	13	47.7	47.7	9.8	10.1
132	S. A. M. A.	Kinchega.....	do.	19	13.2	12.9	72.1	81.6	15.50	4.10.9	7	13.3	79	50.7	10.2	10.2
12862	N. M. M.	Riverina.....	do.	18.3	13.2	12.9	72.1	81.6	14.80		7.2	13.6	50.7	50.7	10.7	10.5
S1611	A. M. S.	do.	do.	19	13.7	13.8	72.1	84.2	15.50		7.2	13.6	52.9	52.9	10.7	10.7
S1609	do.	Newcastle.....	do.	19	13.6	13.8	72.5	84.2	15.50	3.12	6.8	13.2	88.2			
2355	A. L. S.	do.	do.	18.8	13.6	13.4	72.6	83.8	15.17	7.11.5	6.5	13.3	87.1	61.5		
5744	A. M. S.	Near Sidney.....	do.	18.6	13.5	13.7	72.6	83.8	15.17		6.7			48.9	9.6	10.1
798	A. L. S.	Merimbula.....	do.	18.9	13.6	13.6	73	82.9	13.43		6.7	13.2	81.8		10.3	10.4
37	S. A. M. A.	Bondi.....	do.	18.6	13.6	13	73.1	80.9	13.07	4.10.8	7.5	13.5	84.4	56.6	10.1	10.3
28919	N. M. M.	Silverton.....	do.	18.2	13.4	13.2	73.6	83.5	14.93	4.11.4	33.7	13.8	84.8	60.7	10.6	10.5
S1610	A. M. S.	do.	do.	18.6	13.7	14.7	73.7	90.7	15.67	4.11.7	7.5	13.5	48.9	48.9	10.4	10.3
795	A. L. S.	Newcastle.....	do.	19	13.6	13.6	73.7	82.4	15.53		6.6	13.5	48.9	48.9	10.3	10.6
1180	A. M. S.	do.	do.	18.9	14	14	74.1	85.4	15.63		7.5			10.3	10.3	
620	A. L. S.	Shoalhaven.....	do.	18.6	13.9	13.4	74.7	82.7	15.30		7.3			10.6	10.2	
616	do.	Port Jackson.....	do.	18.8	14.1	13.8	75	84.2	15.57		7.3			10.6	10.1	
• 699	do.	Near Sidney.....	do.	17.6	13.5	13.4	76.7	85.9	14.83		7.3			10.1	9.9	
	do.	Port Jackson.....	do.													
Totals.....				(89)	(89)	(93)	(89)	(89)	(89)	(89)	(93)	(89)	(90)	(90)	(90)	(90)
Averages.....	1, 121.1			783.2	713.3	713.3	69.9	85.4	332.6	332.6	348.6	565	565.2	51.4	463.5	545.6
Minima.....	19	13.27	13.46	69.9	85.4	16.25	69.9	85.4	17.47	17.47	6.97	13.45	85.2	46.6	10.58	10.29
Maxima.....	20.4	14.1	14.7	76.7	90.7	16.03	76.9	90.7	13.47	9.6	7.6	14.4	98.4	58.1	11.7	11.1

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 20.

NEW SOUTH WALES CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
433	S. A. M. A.	Moorna	Adult	9.6	61.5	49	3.05	3.22	4.25	76.8	4.65	3.15	67.7	6.6	7.5	113.6
* 25	do	Lake Victoria	do	9.6	61.5	49	4.4	3.52	4.25	82.1	5.2	3.05	61	6.6	7.5	113.6
792	A. L. S.	Tamworth	do	9.2	65	50	3.3	3.52	3.95	89.1	5.2	2.6	60	6.8	7.2	105.9
23316	N. M. M.	Lower Darling	do	10.2	65	50	3.3	3.4	4.12	82.5	4.9	2.95	60.2	6.5	6.8	104.6
* 17748	do	Euston	do	9.9	63.5	53	3.5	2.9	4	72.5	4.6	2.75	61.7	6.4	6.8	106.2
* 219	S. A. M. A.	Darling River	do	9.9	63.5	53	3.05	3.32	3.9	85.1	4.45	2.75	61.7	6.4	6.8	106.2
S1158	A. M. S.	Yabtree, Gundagai	do	9.9	63.5	53	3.05	3.32	3.9	85.1	4.45	2.75	61.7	6.4	6.8	106.2
11948	do	do	do	9.9	63.5	53	3.05	3.32	3.9	85.1	4.45	2.75	61.7	6.4	6.8	106.2
31	A. L. M.	do	do	8.5	75	56.5	4	3.3	3.25	83.1	4.8	3.05	63.6	6	7.5	121.7
1469	A. M. S.	Port Stephen	do	9.5	66	55.5	4	3.25	3.3	82.9	4.55	2.7	60.4	6.5	7.2	110.8
34	A. L. A.	Moorna	do	9.5	63	46	4.05	3.55	3.9	82.5	5.15	2.65	61.4	7	7.1	101.4
28922	N. M. M.	do	do	9.5	69	48	3.3	3.45	3.75	83.3	4.95	2.7	64.6	6.3	7.1	112.7
E16372	A. M. S.	Darling River	do	9.4	63	48	3.3	3.45	3.95	87.3	5.1	2.65	61	6.7	7.1	106
1308	A. L. S.	Sidney	do	9.8	70	43.5	3.6	3.12	3.85	81.2	5.1	2.85	55.9	6.4	7.1	106
S207	A. M. S.	Grafton	do	9.8	64	46	3.65	3.78	4.1	92.2	5.35	2.8	57.1	6.7	7.1	110.9
430	S. A. M. A.	Lake Victoria	do	8.8	75.5	48	3	3.8	3.9	90.3	4.9	2.4	62.8	6.7	7.1	110.9
S1643	A. M. S.	Cronella	do	9.8	70	49.5	3	3.8	3.9	90.3	4.55	2.4	62.8	6.6	7.3	110.6
* 1210	do	do	do	9.2	65	50.5	3	3.12	3.8	82.1	4.4	2.9	54.6	6.6	7.3	110.6
* S1650	do	Bogan	do	9.2	65	50.5	3	3.12	3.8	82.1	4.4	2.9	54.6	6.6	7.3	110.6
A1173	do	Cobar	do	8.4	67	48	3.55	3.6	3.75	96.1	5.05	2.6	51.6	5.9	6.6	111.9
113	S. A. M. A.	Rufus Creek	do	9.4	66	45	3.55	3.45	3.35	87.5	5.05	2.6	61.6	6.4	7	108.4
E13308	A. M. S.	Darling River	do	9.6	62.5	47	3.5	3.15	3.8	82.9	4.6	2.6	66.5	6.4	6.9	107.8
23	A. L. A.	Rufus Creek	do	9	67.5	48.5	3.5	3.2	3.85	83.1	5	2.65	63	7	7	116.7
* 38	S. A. M. A.	Tolaruo	do	9.9	65.5	51	3.5	3.15	3.95	79.7	4.45	2.6	58.4	6.4	6.6	108.1
13424	N. M. M.	Dentlquin	do	8.7	63.5	41.5	3.58	3.58	3.85	93	5.05	3.15	62.4	6.7	7.4	110.4
18	A. L. M.	do	do	9.3	72	48	2.95	3.5	3.82	91.6	4.9	3.2	65.3	5.9	6.6	111.9
S637	A. M. S.	Richmond River	do	10.1	68	56	3.4	2.95	3.6	81.9	4.75	2.85	60	6.2	7.5	121
21	A. L. M.	do	do	9.2	68	56	3.7	3.1	4.02	77.1	4.75	2.8	59	6.6	7.5	121
A46	A. M. S.	Lake Victoria	do	9.8	63	47	3.8	3.18	3.85	82.6	4.5	2.6	57.8	6.2	6.7	101.5
24	S. A. M. A.	Near Sidney	do	9.6	63.5	54	3.6	3.28	3.68	80.1	4.9	2.5	56.9	6.6	6.6	100
2356	A. L. S.	Dentlquin	do	9.3	67	49	3.6	3.28	3.68	80.1	4.9	2.5	56.9	6.6	6.6	100
16996	N. M. M.	Dentlquin	do	9.3	67	49	3.6	3.28	3.68	80.1	4.9	2.5	56.9	6.6	6.6	100
* 36	A. L. A.	Moorna	do	9.8	67	48.5	3.6	3.25	3.88	83.8	4.5	3.1	63.9	6.6	6.6	100

QUEENSLAND CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Racial Index, total $\left(\frac{a \times 100}{c}\right)$	Racial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
15224	A. M. S.	Mapoon	Adult	18.4	11.8	13.2	64.7	78.7	14.47	± 12	7.4	13.1	91.6	56.6	10.8	10.4
15242	do.	Bathurst Head	do.	19.2	12.5	14.1	65.1	89.2	15.27	± 11.2	6.8	13.6	82.4	50	10.9	10.6
15212	do.	McIvor River	do.	18.7	12.3	13.6	66.8	90.3	15	11.2	9	12.8	87.9	50	10.9	10.6
10390	do.	do.	do.	19.9	13.2	14.1	66.5	87.8	15.73		7.4	13.6	89	64.4	11.1	10.3
15178	do.	Rockhampton	do.	19.9	12.6	13.8	66.9	84.9	15.13	± 12.1	7.4	13.7	77.4	62.6	9.5	10.2
15222	do.	do.	do.	18.9	12.6	13.6	67.7	82.9	14.83	10 10 6	6.4	13.2	83.5	68.5	10.1	9.8
15214	do.	Rockhampton	do.	19	12	13.2	66.7	82.4	14.40	1 11	7.2	13.4	78.7	58.7	10.1	10.4
15192	do.	Mirrriam Vale	do.	19.8	13.2	13.6	66.7	82.4	15.53		7.1	13.7	83.5	68.5	10.8	10.3
15173	do.	North Keppel Island	do.	19.6	13.1	13.2	66.8	80.6	15.30		7.1	13.7	82.6	61.8	10.8	10.2
15174	do.	do.	do.	19	12.8	13.6	67.4	86.5	15.13	± 10.6	6.6	13.4	79.1	49.2	10.7	9.8
15237	do.	Carandotia	do.	18.9	12.8	13.4	67.7	84.8	15.63	± 10.6	6.6	13.4	81.9	47.9	10.7	10.6
15159	do.	Brisbane	do.	19.4	13.2	14.4	68.3	88.3	15.67	± 11.8	6.9	14.4	81.9	47.9	10.7	10.6
15190	do.	do.	do.	18.8	12.8	13.2	68.1	83.5	14.93		6.6	13.3	75.2	44.8	10.1	9.8
10510	do.	South Keppel Island	do.	19.1	13	13.8	68.1	86.2	15.27	7 10 9	6.5	14.5	82.4	66.8	10.1	10.3
15223	do.	Tinaroo Cairns	do.	19	13	13.8	68.4	82.5	14.90	± 12.3	7.5	13.2	82.4	67.7	10.9	10.3
15170	do.	North Keppel Island	do.	18.8	12.9	13.6	68.6	82.5	15.27	± 10.8	6.9	13.1	82.4	67.7	10.9	10.3
15176	do.	Cloncurry	do.	18.8	12.9	13.6	68.6	86.1	15.10	± 11.5	(19)	13	88.6	67.7	10.9	10.3
13	A. L. M.	do.	do.	18.9	12.8	13.3	68.8	84.7	14.00		7	13	80.8	53.6	11	10.5
15168	do.	North Keppel Island	do.	18.7	12.9	13.2	69	85.5	14.93	± 10.5	7.1	13.2	80.8	53.6	11	10.6
15189	A. M. S.	South Keppel Island	do.	18.7	12.9	13	69	82.5	14.87		6.5	12.7	87.4	63.8	10.8	10.0
15161	do.	do.	do.	18.2	12.6	13	69.2	84.4	14.60	± 11.1	6.5	12.7	87.4	61.2	9.9	9.8
8	A. L. M.	do.	do.	19.5	13.5	14	69.2	84.8	15.67		7.0	14.1	89.4	63.9	10.7	10.6
15163	A. M. S.	Craiglinduth	do.	19.6	13.6	14	69.4	84.3	15.73	± 12.6	6.6	12.5	90.4	55	9.6	10.4
1145	do.	Brisbane	do.	18.6	13	13.5	69.9	85.4	15.03	± 11.3	6.6	12.5	90.4	52.8	10.4	10.2
15181	do.	do.	do.	18.2	12.8	13.4	70.5	86.4	14.80		7	13.4	85.1	52.2	10.5	10.1
1239	do.	Brisbane	do.	18.6	13.1	13.6	70.4	86.1	15.10		7	13.4	85.1	52.2	11.1	10.8
15171	do.	North Keppel Island	do.	19	13.4	13.2	70.6	81.5	15.20	± 11.4	7.2	14	81.4	61.4	10.2	10
15201	do.	Yeppoon	do.	18.6	13.2	13.4	71	84.9	14.87		6.6	13	81.5	50.8	10.8	9.8
12283	do.	West Queensland	do.	18.6	12.8	13.6	71.1	83.9	14.80	± 10.6	6.1	13.1	81.5	50.8	10.8	9.8
15218	do.	Cairns	do.	18.8	13.4	13.7	71.5	83.1	15.30	± 10.2	6.5	13.1	77.9	46.6	10.4	10.2
15165	do.	Yaamba	do.	18.2	13	13.8	71.4	86.6	15	± 11.3	6.5	13.2	86.6	48.2	10	10.1
15186	do.	Marlborough	do.	18.6	13.3	14	71.4	87.5	15.30		6.5	13.2	86.6	48.2	10	10.9
15221	do.	Cardwell	do.	19	13.6	14.2	71.6	87.1	15.60		6.5	14.1	86.6	48.2	10	10.3

15184	do	18.5	13.3	13.9	71.9	87.4	15.23	7 12.8	7.6	13.2	97	57.6	10.4	10.1
1224	do	18.9	13.6	15	79	92.6	15.83		6.4	14.5		44.1	10.5	10.6
F15156	do	18.2	13.1	12.9	79	82.7	14.73	11.8	7.3	13.4	88.7	54.5	9.7	9.7
#1252	do	19	13.8	13.2	72.6	80.5	15.33	9 11	6.4	14	78.6	45.7	10.5	10.5
16	A. L. M.	18.7	13.6	13.9	72.7	86.8	15.40		(6)				10.4	10.4
A 15177	A. M. S.	18.7	13.6	13	72.7	80.2	15.10	10.7	6.4	13.8	77.5	46.4	10.2	10.2
a 15239	do	17.4	12.8	13.2	73.6	87.4	14.47	10.9	6.3	13.4	81.5	47	9.8	9.7
o 15234	do	17.3	12.8	12.7	74	84.7	14.27	12.1	7.2	12.5	96.8	57.6	9.2	10
11	do	18.4	13.7	14.2	74.5	88.8	15.43		6.1				10.2	10.5
i 15183	A. M. S.	18.6	13.9	14.4	74.7	88.9	15.63	12.9	7.6	13.6	94.8	55.9	10.7	11
1231	do	19	14.2	14.4	74.7	86.8	15.87						10.5	9.6
12562	do	17.9	13.4	13.9	74.9	89.1	15.07	11	(13)				10.2	10.2
15199	Dawson River	18.3	13.8	14.2	75.4	88.8	15.43		6.7	13.5		49.6	10.2	10.2
f 15185	do	(18.2)	(13.8)	(13.6)	(75.8)	(89.5)	(15.20)		6.7	13.5		49.6	10.6	10.3
12	A. L. M.	17.8	13.6	13	76.4	82.2	15.13		6.9	14		42.5	9.7	10.3
10506	A. M. S.	17.8	13.6	13.2	76.4	84.1	14.87	10.9	6.1	13.1	83.2	46.6	9.8	9.8
231	A. L. S.	18	13.8	13.4	76.7	84.3	15.07	10	6.2	13.3	75.2	46.6	10.3	10.1
30 15164	do	(17.7)	(13.7)	(14.5)	(77.4)	(92.4)	(15.30)	11.9	7.3	14.5	82.1	50.3	11	10.6
f 30 15157	do	(17.4)	(14.1)	(14.6)	(81)	(92.4)	(15.37)	11.2	6.6	12.7	88.2	52	10.1	10.1
Totals		{ 914.7	(49)	(49)	(49)	(49)	(49)	(32)	(42)	(44)	(41)	(40)	(45)	(42)
Averages		18.67	13.2	667.4	70.5	85.7	15.14	362.2	287.5	592.3	84.8	50.9	437.4	531
Minima		17.3	11.8	12.7	61.1	80.2	14.27	10	6.1	12.5	75.2	44.1	10.41	9.2
Maxima		19.9	14.2	15	76.7	92.6	15.87	12.9	7.6	14.5	97	57.6	11.1	11

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 33.

QUEENSLAND CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal index $\left(\frac{b}{l} \times 100\right)$
• 15224	A. M. S.	Mapoon	Adult	9.4	66.5	52	3.45	3.6	4.1	87.8	4.3	2.95	56.7	9.4	9.9	107.8
15242	do.	Bathurst Head	do.	9.8	69	54.5	3.3	19 3.1	19 3.85	80.5	4.8	2.85	59.4			
15212	do.	McIvor River	do.	9.7	66.5	54.5	3.45	19 3.45	19 3.9	88.5	5.1	2.6	51			
do.	do.	do.	do.	9.2	66.5	52	3.8	3.8	3.75	88.5	4.9	2.75	56.1			
15178	do.	Rockhampton	do.	9.8	65	57	3.8	3.7	4.1	83.7	5.1	2.8	54.9			
15222	do.	do.	do.	8.6	74	57	3.3	3.2	3.95	93.7	5.4	2.8	51.8			
• 15214	do.	Rockhampton	do.	8.8	69	48	3.3	3.52	3.8	92.6	4.4	2.95	67			
15182	do.	Murrumbidgee	do.	9	71.5	52.5	3.3	3.5	4.02	87.1	5.3	2.7	56.7			
15173	do.	North Keppel Island	do.	9.6	67	52	3.35	3.7	3.7	90.6	4.85	2.75	56.7			
15174	do.	do.	do.	9.5	66	51	3.35	3.7	3.7	87.1	4.85	2.6	56.6			
15237	do.	Carandotta	do.	8.9	64	33	3.15	29 3.2	30 3.9	82	18 4.85	2.6	52.5			
15237	do.	Brisbane	do.	9.4	70	49	3.3	3.25	4.05	80.2	4.8	3	62.5			
15159	do.	South Keppel Island	do.	9.2	65.5	44	3.3	3.4	3.85	83.3	4.9	2.85	58.2			
do.	do.	do.	do.	9	68	52	3.1	3.48	3.65	82.2	4.85	3	61.9			
10510	do.	Timaroo Cairns	do.	8.8	70	55.5	3.65	3.25	4.08	79.6	4.55	2.75	60.1			
15223	do.	North Keppel Island	do.	9.7	66.5	50	3.3	3.48	3.65	95.8	5	2.6	51.2			
15170	do.	Cloncurry	do.	8.0	69.5	50	3.3	3.48	3.8	94.9	4.8	2.55	51.5			
• 15216	do.	do.	do.	9.5	68	55.5	3.3	3.25	3.8	85.6	4.55	2.85	61.5			
15183	A. L. M.	North Keppel Island	do.	9.5	68	50.5	3.2	3.25	3.68	91.8	3.8	2.85	76			
15108	A. M. S.	North Keppel Island	do.	9.7	64	53.5	3.2	3.25	3.7	87.8	19 4.9	2.35	48			
15189	do.	do.	do.	9.6	64	53.5	3.2	3.25	3.7	87.8	4.8	2.6	54.2			
• 15161	do.	do.	do.	70	70		3.2	3.58	3.75	95.5	(m)	2.6	54.2			
8	A. L. M.	Craiginduth	do.	9.4	68.5	55	3.4	19 3.4	19 3.9	87.2						
15163	A. M. S.	Brisbane	do.	8.2	65	41	4.1	3.3	3.75	88	5	2.9	58			
1145	do.	do.	do.	8.2	65	41	4.1	3.3	3.75	88	5	2.9	58			
15181	do.	do.	do.	9.4	70	52	3.2	3.42	4	85.5	19 4.75	2.45	51.6			
1239	do.	Brisbane	do.	9.4	67	48	3.2	20 3.4	20 3.8	89.5	4.95	2.7	54.6			
15171	do.	North Keppel Island	do.	9.8	69	44	3.3	19 3.55	19 4.05	82.7	4.65	2.7	53.1			
15201	do.	Yeppoon	do.	8.7	68	46.5	3.3	3.52	3.7	95.1	18 5.3	2.75	51.9			
• 10233	do.	West Queensland	do.	8.7	68	46.5	3.35	3.55	4	83.8	5	2.85	57			
f 15218	do.	Cairns	do.	9.4	63	46.5	3.5	3	3.65	82.2	18 4.5	2.3	61.1			
15165	do.	Yaamba	do.	9.4	71	49	2.7	3.45	3.78	91.5	• 4.6	2.6	56.5			
15186	do.	Marlborough	do.	9.1	72	56	3.2	3.12	3.9	80	4.75	2.85	60.6			

15221	do	Cardwell	9.1	3.3	3.85	85.7	4.95	3.05	61.6	6.1	6.6	108.2
15184	do	Marlborough	9.5	3.58	3.8	94.2	5.35	2.65	49.5	6.1	7.3	121.7
1224	do	Rockhampton	9.2	3.25	4	89.5	4.6	2.8	60.9	6	7.2	114.3
E15156	do	Roxburgh Downs	9.2	3.4	3.85	82.5	4.8	2.45	51	6.3	6.9	100.5
# 1232	do	Rockhampton	9.9	3.2	3.95	81	5.1	3.2	62.8	6.2	7.2	116.1
16	A. L. M.	North Keppel Island	9.8	3.3	3.95	83.6	4.75	2.55	55.7	6.2	6.9	116.1
# 15177	A. M. S.	do	66.5	48.5	3.7	79.7	4.7	2.7	57.4	5.8	6.7	115.2
# 15239	do	Carrandotta	8.7	70.5	3.05		4.75	2.6	54.7	5.8	6.5	114
# 15234	do	Riversleigh	8.2	74.5	3.5	19.4	5.25	2.7	51.4	5.7	6.5	117.2
11	A. L. M.	do	9	75.5	47		4.55	2.7	59.4	5.8	6.8	117.2
# 15183	A. M. S.	do	6	72	52.5		5.75	3.1	53.9	6.1	7.1	116.4
1231	do	Cape York	8.8	3.48	3.95	89.1	5.4	3.35	62			
12562	do	Dawson River	8.6	3.48	3.8	91.6	5.4	2.5	55			
15189	do	do	8.6	3.95	3.8	77.6	4.55	2.75	58.5	5.8	6.9	119
# 15185	do	Mount Morgan	8.8	3.55	4	81.9	13.4	2.9	59.3	6.3	7.1	112.7
12	do	Marlborough	9.2	2.92	3.05	73.9	4.85	2.65	51.3	6.3	6.7	121.8
A. L. M.	do	do	46.5	3.98	4.2	86.2	3.15	2.7	62.8	3.7	6.3	110.5
A. M. S.	do	do	72	3.45	3.7	93.2	4.3	2.7	62.8	3.8	6.95	112.8
231	A. L. S.	Coast of Queensland	8.9	3.3	3.8	86.8	19.4	2.65	58.9	3.8	6.5	112.8
# 15164	A. M. S.	Just adult	9	3.35	3.92	85.4	5.1	2.9	56.9	6.6	7.2	109.1
# 15157	do	Glenroy	9.6	3.32	3.8	87.4	4.65	2.45	52.7	6	6.8	113.3
	do	do	9.1	3.32	3.8	87.4	4.65	2.45	52.7	6	6.8	113.3
			(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			450.8	170.69	197.36	288.2	134.55	277.95	245.8	277.95	245.8	277.95
Averages			60	3.96	3.87	86.6	4.86	2.75	56.6	6	6.78	119
Minima			8.2	2.92	3.65	73.9	3.8	2.3	48	5.5	6	100
Maxima			9.9	3.7	4.2	96.5	5.75	3.35	75	6.6	7.4	124.6

^a Slightly male.
^b Pronounced medio-frontal ridge; whole skull low in type; surely male.
^c Nose looks full-blood, but type differs from the usual; glabella and ridges as in other races, not as typical among Australians.
^d Yerrandall tribe. Surely male.
^e Neanderthaloid front; great palate, appears about largest ever seen in man (in breadth). Lower jaw in position a trace of slope backwards—only trace of chin prominence. Lower right molars=3.6 (or 3.7); first missing (estimated); fourth molars, upper, both sides, good size, impacted. True palate is very spacious.
^f Lower jaw low, but fairly strong; positively male.
^g Alveolus for right upper median incisors is double (slightly hour-glass shaped); a supernumerary (smaller than any molar) externally between first and second left upper molars and a similar one behind right upper third molar.

^a Somewhat female-like, but zygomae and molars are large; mastoids decidedly male-like; palate and base male.
^b Died in Normanton Hospital.
^c Kunggarri tribe.
^d Medium intranasal shelves.
^e Weakest lower jaw ever seen in male (no doubt about sex); alveolar process of lower jaw largely absorbed but fairly preserved in front; appears perfect fit with skull.
^f Exostosis of left subnasal border.
^g Subnasal fossae.
^h Asymmetrical.
ⁱ Inter-dacryon breadth=3.1.

NOTE.—For footnotes to reference figures see p. 3.

WEST AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
54	S. A. M. A.	Eucla	Adult	18.5	12.2	13.1	66.8	84.4	14.57	411.6	6.6	13.6	87.2	48.5	10.4	10.7
57	do.	do.	do.	18.7	12.4	13.1	66.8	84.6	14.73	411.6	7.3	13.3	87.2	54.9	10.9	10.4
4	do.	Cygnat Bay	do.	18.5	12.8	13.2	69.2	80.5	14.83	410.4	7.2	13.3	78.2	62.2	10.7	10.2
166	do.	Eucla	do.	19.4	13.5	13.5	69.6	80.5	15.37	411.6	(5)	13.8	84.1	62.2	10.7	10
	Dr. Bascow's	North Kimberley	do.	18.7	13.5	12	72.2	74.5	14.73	411.6	(5)	13.6	84.1	62.2	10.7	10
2	A. L. M.	do.	do.	19.4	14.2	13.8	73.1	82.1	14.73	411.6	7.7	13.1	91.6	68.8	10.1	11
2	do.	do.	do.	18.2	13.3	13.6	73.2	86.1	15.03	411.6	13.1	12.8	91.4	68.8	10.1	10
1	S. A. M. A.	Cygnat Bay	do.	17.7	13.1	12.6	74	81.8	14.47	11.7	13.6	14.4	91.4	63.1	10.6	9.2
4	A. L. M.	do.	do.	18.8	14	13.6	74.5	82.9	15.47	11.7	6.9	14.4	91.4	47.9	10.6	10.8
4	do.	do.	do.	18.8	14	13.6	74.5	82.9	15.47	11.7	7.3	14.2	91.4	47.9	10.6	10.7
a 3	do.	do.	do.	18.1	13.5	13.8	74.6	87.5	15.13	11.7	7.3	14.2	91.4	51.4	11	10.7
Totals				(10) 186	(10) 132.5	(10) 131.9	(10) 71.2	(10) 82.8	(10) 15.01	(5) 57.3	(7) 49.8	(9) 132.1	(6) 86.4	(7) 62.3	(7) 73.7	(10) 102.1
Averages				18.6	13.25	13.2	71.2	82.8	15.01	57.3	7.11	13.57	86.4	62.3	10.53	10.81

Catalogue No.	Collection	Locality	Approximate age of subject	Basion Subnasal Pt	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth, maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
54	S. A. M. A.	Eucla	Adult	9.1	65	50	---	3.25	4.15	78.5	4.4	2.6	59.1	5.9	6.5	110.2
57	do.	do.	do.	9.7	64	56	---	3.15	3.95	79.7	4.7	2.6	55.5	6	6.2	108.5
4	do.	Cygnat Bay	do.	9	66	48	3.5	3.3	3.95	83.6	4.6	2.5	54.4	(b)	6.7	109.8
166	do.	Eucla	do.	9	66	48	3.5	3.5	4.1	86.4	5	2.75	55	6.1	6.7	109.8
	Dr. Basedow's	North Kimberley	do.	8	66	48	3.5	3.45	4.1	84.2	5	2.7	54	6.1	6.7	109.8
2	A. L. M.	do.	do.	10	68	54	---	3.62	3.95	91.6	5.4	2.85	52.8	5.6	6.7	119.6
2	do.	do.	do.	8	67	53	3.6	3.45	3.95	86.7	5.4	2.6	50.5	6	6.8	113.3
1	S. A. M. A.	Cygnat Bay	do.	8.3	63	37.5	---	3.88	3.75	103.5	3.15	2.55	52.6	5.9	6.3	106.8
4	A. L. M.	do.	do.	9.6	73	54.5	---	3.32	3.95	84	4.85	2.7	53.5	5.7	6.4	112.3
3	do.	do.	do.	10	68	54	---	3.58	3.95	84	5.05	3	55	5.6	6.7	119.6
Totals				(19) 92.3	(7) 66.5	(7) 50	(2) 7.1	(10) 34.5	(19) 39.88	(19) 86.5	(10) 49.6	(10) 26.85	(10) 54	(7) 41.2	(7) 45.6	(7) 110.5
Averages				9.23	66.5	50	8.55	3.45	3.99	86.5	4.96	2.68	54	5.89	6.51	110.5

^a Atypical.

^b Upper incisors broken out.

^c Moderate intranasal shelves.

NOTE.—For footnotes to reference figures see p. 3.

NORTHWEST AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Racial Index, total $\left(\frac{a \times 100}{c}\right)$	Racial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
424	S. A. M. A.	.....	Adult.	18.1	11.8	12.8	65.2	85.3	14.23	.....	6.7	13.3	.....	50.4	10.4	10.4
222	do.	.....	do.	19.6	12.8	13.4	65.3	82.7	15.27	.....	7.2	12.7	.....	56.7	10.8	10.3
423	do.	.....	do.	19.1	12.6	13	66	82.3	14.90	.....	6.6	13.4	.....	49.2	10.6	10.3
18	A. L. A.	Derby	do.	19	13.2	13.9	69.5	86.3	15.37	13.2	a 8.3	13.3	.....	62.4	10.5	10.4
1	do.	do.	do.	18.8	13.4	13.6	71.3	84.5	15.27	.....	(13)	13.8	.....	.....	.....	10.4
.....	Dr. Basedow's	Forest River	do.	19.6	14.1	13	71.9	77.4	15.57	.....	(35)	13.7	.....	.....	.....	10.1
.....	A. L. A.	Derby	do.	17.7	12.8	13.2	72.3	86.8	14.57	.....	(13)	14.1	.....	.....	.....	9.7
Totals	.....	.....	.....	(7) 131.9	(7) 90.7	(7) 92.9	(7) 68.8	(7) 83.5	(7) 15.02	(3) 24.2	(1) 28.8	(7) 94.3	(2) 30.6	(4) 54.6	(3) 31.7	(7) 71.8
Averages	.....	.....	.....	13.84	12.96	13.27	.....	.....	.....	12.1	7.2	13.47	.....	.....	10.57	10.26

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
424	S. A., M. A.		Adult	9.2	71	48	---	20 3.25	20 4	81.2	18 4.95	2.95	59.6	6	7	116.7
222	do		do	9.5	66.5	50	---	3.42	4	85.5	5.05	2.6	51.6	9	7.1	110.9
423	do		do	9.2	---	---	3.1	3.22	3.98	80.9	4.85	2.9	59.8	---	---	---
18	A., L., A.	Derby	do	8.9	65	50.5	4.4	3.72	4.15	89.6	3.45	3	65	6.2	c 7.6	122.6
1	do	do	do	9.8	---	---	---	3.28	3.95	83	18 4.9	2.8	57.1	---	---	---
	Dr. Basedow's	Forest River	do	9.1	---	---	---	19 3.2	10 3.9	82	4.8	2.8	58.3	---	---	---
b 18	A., L., A.	Derby	do	8	---	---	3.3	3.22	3.82	84.3	5.05	2.7	53.5	---	---	---
Totals				64.3	(3)	(2)	(3)	(7)	(7)	(7)	(7)	(7)	(7)	(3)	(3)	(3)
Averages				9.19	67.6	49.6	10.8	23.31	27.8	83.9	35.05	19.75	56.3	18.6	21.7	116.6
							3.6	3.53	3.97		6.01	2.82		6.2	7.83	

^a Lower right median incisor and both upper median incisors missing.

^b Surely male.

^c Alveolar arches very stout in region of molars.

NOTE.—For footnotes to reference figures see p. 3.

CENTRAL AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
"U" B3 797	S. A. M. A. do. A. L. S.		Adult. do. do.	19.2 19 19	13.3 13.2 13.5	14 13.8 13	69.9 69.6 71	86.4 85.7 80.2	15.50 15.33 15.17	12.12 11.44 11.33	86.71 86.5 (18)	13.6 13.2	88 88.7 85.2	52.3 49.2	10.5 10.5	10.3 10
"C5"	Dr. Basedow's Dr. Campbell's Dr. Basedow's	Flinder's Ranges. do. Musgrave Ranges.	do. do. do.	18.7 19 18.5	13.3 13.8 14	12.4 13 12.3	77.5 79.8 75.7	77.5 79.8 75.9	14.80 15.27 14.93	11.3 10.9 11.3	7 7 7	13.5 14.5 13.3	88.7 86.2 85.2	51.8 46.2 52.6	10.7 11.5 9.6	9.5 11 10
Totals. Averages.				18.9 13.4	13.1 13.62	13.80 13.7	71.5 71.5	80.7 80.7	15.17 15.17	11.4 11.4	34.3 34.3	13.1 13.1	88.1 88.1	50 50	10.5 10.5	10.18 10.18

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle °	Alv. Angle °	Lower Jaw. Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (i)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{i}{b \times 100}\right)$
"U" B3 797	S. A. M. A. do. A. L. S.		Adult. do. do.	9.3 9.4	68.5 70	54.5 54	4.1 3.4	3.62 3.58	4 4.12	90.5 86.9	4.75 4.45 18	2.8 2.7	69 60.7	6.1 6.1	6.1 6.2	100 101.6
"C5"	Dr. Basedow's Dr. Campbell's Dr. Basedow's	Flinder's Ranges. do. Musgrave Ranges.	do. do. do.	9 8.8	61 72	44 45.5 59.5	3.8 3.0 3.5	2.78 3.3 3.45	3.75 4.1 3.62	77.1 87.5 95.3	4.55 4.65 5.2	2.7 2.6 2.5	67 59.4	6.4 6.0	6.8 6.8	106.2 108 112.8
Totals. Averages.				9.3 9.3	68 68	51 51	3.68 3.68	3.31 3.31	3.91 3.91	87.6 87.6	27.9 27.9	16 16	67.4 67.4	6.18 6.18	32.3 32.3	101.6 101.6

NOTE.—For footnotes to reference figures see p. 3.

* Whole skeleton, Arunta tribe.

AUSTRALIAN CRANIA. LOCALITY UNKNOWN
MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
12983	N. M. M.		Adult.	19.7	12.4	14.2	62.9	83.7	15.45		7.2	13.3		74.1	10.5	10.4
52	S. A. M. A.		do.	13.6	12.3	12.8	66.1	83.1	14.57	11.5	7.9	12.1	96	66.4	10.6	9.9
51	do.		do.	19.4	12.9	13.1	66.5	80.9	15.13		7.6	13		68.5	12.3	10.9
12989	N. M. M.		do.	19.5	13.7	13.8	70.3	83.1	15.67	11.8	7.4	13.7	86.1	64	10.8	10.5
12985	do.		do.	18.2	13.6	14.4	70.8	87.8	15.73		6.8	13.1		57.9	9.9	10.4
12897	do.		do.	13.2	13	13	71.4	83.3	14.73		6.6	14.1		46.8	10.4	9.8
1A132	S. A. M. A.		do.	13.8	14	13.1	74.5	79.9	15.30	11.2	9.8	13.5	83	60.4	10.4	9.9
Totals				133.4	91.9	94.4	68.9	83.8	15.23	34.5	49.1	92.8	87.8		74.9	71.8
Averages				19.06	13.13	13.49	68.9	83.8	15.23	11.50	7.01	13.36	87.8		10.7	10.26

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits-Height, mean	Orbits-Breadth mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
12983	N. M. M.		Adult.	9.6	69	85		3.18	4	76.5	5	2.0	88	5.9	6.9	117
52	S. A. M. A.		do.	9.2	65.5	47.5		3.22	3.78	85.9	4.6	2.6	66.5	7.3	7.4	101.6
51	do.		do.	10.7	61	46		3.35	3.78	85.9	5.2	2.6	50	7.2	7.3	97.2
12989	N. M. M.		do.	9.5	67.5	52	3.6	3.9	82.3	5.05	2.6	49.5		6.3	7	111.1
12985	do.		do.	8.9	74.5	55		3.5	3.75	83.4	4.9	2.8	67.1	5.7	7.5	122.8
12897	do.		do.	9.1	66	44.5		3.2	3.7	86.5	4.5	2.45	54.4	5.8	6.5	112.1
1A132	S. A. M. A.		do.	9	66.5	49	3.4	3.48	3.95	88.1	4.9	2.65	54.1	5.8	6.7	111.7
Totals				66.6	67	49	3.5	23.73	26.86	83.3	4.88	18.6	87.8	43.2	47.5	110
Averages				9.37	67	49	3.5	3.39	3.34	83.3	4.88	2.66	54.5	6.17	6.79	110

NOTE.—For footnotes to reference figures see P. 3.

* Long ellipse.

* Whole skeleton.

SOUTH AUSTRALIAN CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
62027	S. A. M. A.	Glenville.	Adult.	18.3	11.8	12.1	64.5	80.7	14.07	10.4	6.8	12.3	84.6	55.8	11.2	9.6
113	A. I. A.	Reedbeds Adelaide.	do.	18.9	12.2	13.2	64.6	84.6	14.77	10.6	6.7	12.6	84.6	50.8	10.8	10.4
483	S. A. M. A.	Meninge.	do.	18.6	12.1	12.4	65	80.5	14.37	10.8	6.4	12.6	88.5	54.9	10.1	9.4
483	do.	Lower Murray River.	do.	19.1	12.6	13.4	66	84.8	14.17	11.2	6.4	13.1	86.5	48.8	10.1	9.4
712	do.	Dry Creek.	do.	18.8	12.4	13.4	66	85.9	14.87	11.2	6.4	13.1	86.5	48.8	10.1	9.4
263	do.	Swanport.	do.	18	11.9	12.2	66.1	81.3	14.03	9.6	5.9	12.4	77.4	47.6	10.2	10.6
348	do.	Fulham.	do.	18.6	12.3	12.6	66.1	81.3	14.03	9.6	5.9	12.4	77.4	47.6	10.2	10.6
386	do.	Sydenham.	do.	18.9	12.5	13.3	66.1	84.7	14.90	10.7	6.7	12.5	85.6	53.6	10.4	10
13025	N. M. M.	Port Augusta.	do.	18.9	12.6	12.3	66.3	77.8	14.63	10.7	6.7	12.5	85.6	53.6	10.4	10
404	S. A. M. A.	Mount Pleasant.	do.	18.1	12	11.9	66.3	79.9	14	10.7	6.7	12.5	85.6	53.6	10.4	10
110	do.	Murray Bridge.	do.	18.5	12.3	13	66.5	84.4	14.60	10.7	6.7	12.5	85.6	53.6	10.4	10
241	do.	Swanport.	do.	18.9	12.6	12	66.7	76	14.50	10.7	6.7	12.5	85.6	53.6	10.4	10
87	do.	Murray Bridge.	do.	18.4	12.3	12.6	66.8	81.8	14.43	11.4	6.9	12.2	83.4	50	10.8	9.6
305	do.	Swanport.	do.	18.7	12.5	12.4	66.8	79.5	14.53	10.7	6.9	12.2	83.4	50	10.8	9.6
364	do.	Fulham.	do.	18.2	12.2	12.3	67	80.9	14.23	10.7	6.9	12.2	83.4	50	10.8	9.6
374	do.	do.	do.	18.5	12.4	12.4	67	80.9	14.23	10.7	6.9	12.2	83.4	50	10.8	9.6
263	do.	Swanport.	do.	19	12.8	13.1	67.4	82.4	14.97	10.2	6.5	12.4	82.5	52.4	9.8	10
164	do.	Milang.	do.	17.3	11.7	12.7	67.6	82.8	13.67	10.2	6.6	11.5	88.7	57.4	10.4	9.4
172	do.	do.	do.	18.5	12.5	12.7	67.6	81.9	14.57	10.2	6.5	11.5	88.7	57.4	11	10.5
172	do.	do.	do.	18.5	12.5	12.7	67.6	81.9	14.57	10.2	6.5	11.5	88.7	57.4	11	10.5
H1	do.	Near Murray Bridge.	do.	17.9	12.1	12.6	67.7	80.8	14.60	10.9	6.9	11.7	83.2	59	10.8	9.9
B4	do.	Henley Beach.	do.	18.6	12.6	12.6	67.7	80.8	14.60	10.9	6.9	11.7	83.2	59	10.8	9.9
43	do.	Reedbeds Adelaide.	do.	18.2	12.4	12.1	68.1	79.1	14.23	10.5	6.3	12.2	86.1	51.6	10.7	9.7
88	do.	Murray Bridge.	do.	18.8	12.8	11.6	68.1	73.4	14.40	10.5	6.3	12.2	86.1	51.6	10.7	9.7
121	do.	Walkerville.	do.	18.2	12.4	12.2	68.1	78.4	14.20	10.6	6.8	12	84.1	54	10.6	9.3
286	do.	Swanport.	do.	18.9	12.9	12.2	68.2	76.7	14.67	10.6	6.8	12.6	84.1	54	10.6	9.3
285	do.	do.	do.	18.9	12.9	12.2	68.2	81.1	14.90	10.2	6.4	12.5	81.6	51.2	10.3	9.8
Y	do.	Yorke Peninsula.	do.	17.9	12.2	12.2	68.2	81.3	14.10	10.2	6.5	11.9	81.6	51.2	10.3	9.8
1366	do.	Port Macleay.	do.	18.3	12.9	12.2	68.5	79.2	14.33	10.7	6.4	12.6	81.6	51.2	10.3	9.8
50	do.	Adelaide.	do.	17.4	11.9	11.6	68.4	79.4	13.63	10.9	6.4	12.9	81.6	51.2	10.3	9.8
165	do.	Henley Beach.	do.	17.7	12.1	12.4	68.4	85.2	14.07	10.9	6.9	12.9	81.6	51.2	10.3	9.8
49	do.	Reedbeds Adelaide.	do.	17.5	12	11.8	68.6	79.7	13.77	10.8	6.9	12.9	81.6	51.2	10.3	9.8
16563	N. M. M.	Lower Coorong.	do.	18.6	12.8	13.2	68.8	84.1	14.87	10.8	6.9	12.3	88.5	56.1	10.7	10.1
275	S. A. M. A.	Swanport.	do.	18.0	12.8	12.7	68.8	80.9	14.70	10.9	6.8	13.1	81.9	51.9	10.4	10.3

312	do.	do.	12.8	11.9	68.8	76.8	14.43	4 10	5.8	12.4	80.6	46.8	10.1	9.6
313	do.	do.	12.6	12.9	68.8	83.8	14.60		6.6	12.9		51.2	10.3	9.9
340	do.	do.	12.8	12.6	68.9	80.2	14.67		6.6	12.9		51.2	10.5	9.9
21	A. L. A.	Bimbwrie.	12.4	12	68.8	79	14.13	7 11.2	6.3	12.4	90.3	66.6	10.1	9.9
266	S. A. M. A.	do.	12.4	12.3	68.9	80.9	14.23		6.5	12.5		62	9.8	9.7
301	do.	do.	12.2	12.8	68.9	85.9	14.23		6.6	12.8		61.6	10.4	10
385	do.	do.	12.4	12.1	68.9	79.6	14.17		6.7	12.9		55.8	9.4	9.5
(C)	Dr. Fullene.	Sydenham	13.1	12.6	69.0	78.8	14.60	7 11.1	6.8	12.9	86	52.7	10.8	10
4	A. L. A.	Yorke Peninsula	13	12.4	69.2	78	14.73	7 9.9	6.1	12.7	78	48	9.8	9.5
12	do.	Lares	13	13	69.2	81.8	14.93	10.8	6.9	12.5	86.4	55.2	10.4	10
10	S. A. M. A.	Paralhaner.	12.6	12.3	69.2	79.9	14.37	10	6.2	12.4	80.6	50	10.4	9.4
1261	do.	Swanport.	12.8	13	69.2	83.3	14.77		6.3	12.9		48.8	10.1	9.7
265	do.	do.	12.8	12.8	69.2	82	14.70		6.3	12.9		48.8	10.1	9.4
439	do.	do.	12.5	12.2	69.4	83.6	13.83	9 9.7	5.7	12.2	79.5	46.7	9.8	9.4
710	do.	Near Morgan.	12.9	12.8	69.4	84.2	14.43	9 9.8	6.3	12.7	77.2	49.6	9.6	9.6
R	do.	Near Adelaide.	12.8	13	69.6	82.9	14.73		6.3				10	10.4
16565	do.	MacDonnell Bay	12.8	13	69.7	82.8	14.80	10 10.8	6.9	12.7	85	54.3	10.5	10
A44	N. M. M.	Lower Coorong	12.4	12.8	69.7	84.8	14.83	4 10.2	6.6	12	85	55	9.9	9.8
129	A. L. A.	Glanville.	12.4	12.8	69.7				6.6	12				
41	do.	Tatum Bend	13.1	13.6	69.7	85	15.17	7 10	6.1	12.6	79.4	48.4	10	9.7
B2	do.	Koomb.	13.1	13.6	69.7	73.8	14.57	10 10.8	7	12.6	84.4	54.7	10	9.6
V	do.	Mt. Dulton Bay	12.4	12.4	69.7	82.1	14.20		7.1	13.4	83.6	53	10.8	10.3
H2	S. A. M. A.	Mallala	12.8	13	69.7	81.2	14.97	9 11.2	6.3	13.4	74.6	47	10.2	9.7
H3	do.	Meningie	12.8	12.2	70	78.2	14.43	4 10	6.3	13.4			10	9.4
280	do.	Swanport.	12.8	12.2	70	76.3	14.43	11.5	7.1	14.43			10.2	10.2
417	do.	Wood's Point.	12.8	12.9	70	80.8	14.63	7 10.2	6.6	12.7	80.9	49.6	10.6	9.6
399	do.	Coorong.	12.7	12.6	70.2	81.8	14.47		6.3	11.7			10.2	9.6
S679	A. M. S.	Chuka Bond	12.7	13	70.2	85.5	14.43		6.4	11.7			10.2	9.8
371	do.	Fulham.	12.5	12.6	70.2	78.8	14.87		6.3	12.2			10.6	9.6
i "T" 4	do.	Near Meningie.	13.2	13.6	70.3	78.8	14.87		6.4	12.5			10.2	9.5
94	A. L. A.	Cardweene.	12.8	11.6	70.3	74.8	14.90	10 10.4	(3)	12.5	83.2	52.8	9.6	9.5
281	S. A. M. A.	Swanport	12.8	13	70.3	83.9	14.67	11	6.8	12.4	88.7	54.8	9.6	9.8
1366	do.	Fulham	12.8	12.6	70.3	81.3	14.53		5.7	13.3		42.9	10.4	9.8
3076	do.	Glen Elle	13	13	70.3	82.3	14.83		6.5	12			10.4	9.6
K	do.	Near Adelaide.	12.8	12.4	70.3	80	14.47	7 10.1	6.5	12	84.2	54.2	10.4	10
H8	do.	Glenely.	12.8	12.3	70.3	79.4	14.43		6.5	12			10.4	9.6
1259	do.	Swanport.	12.9	13	70.5	83.1	14.73	10 10.2	6.5	12.3	82.9	52.8	10.5	10.2
354	do.	Fulham	13.2	13.3	70.6	83.1	15.07	10 9.9	6.8	12.4	79.8	54.8	9.7	10
20	do.	Coorong.	13.2	13.3	70.6	82.8	14.80						9.6	10.5
11	do.	Port Pirie.	12.3	11.5	70.7	77.7	13.73		6.5				9.6	9.1
274	do.	Swanport.	12.9	12.8	70.8	81	14.80		6.6	12.3			9.7	9.6
296	do.	do.	12.2	12.4	70.9	79.5	14.50		6.6	12.9		51.2	10.1	9.4
319	do.	do.	12.2	12.3	70.9	83.7	13.90	9 9.6	3.9	12.1	79.5	48.8	10.6	9.7
383	do.	Sydenham	12.9	12.6	70.9	80.8	14.57		6.4	12.4		51.6	10.6	9.8
11406	do.	Murray Bridge	12.9	13	70.9	83.3	14.70		6.9	12.7	89	54.3	10.4	10
11440	do.	Campbelltown.	13.2	12.8	71	80.5	14.87	4 11.3	(13)	12.7			9.8	10.4
95	do.	Mannum.	12.8	13.2	71.1	83	15		6.6	12.2		54.1	9.8	9.2
1306	do.	Swanport.	12.8	12	71.1	77.9	14.27		6.6	12.7		52	10.2	9.6
J(351)	do.	Fulham.	12.8	13.3	71.1	86.4	14.70	9 10.7	6.6	12.7	84.2	52	10.2	9.6
A903	do.	Near Adelaide.	12.8	13.5	71.1	87.7	14.77		6.6	12.7			10.2	9.6

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 47.

SOUTH AUSTRALIAN CRANIA—Continued
FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxin. (glabella ad maximum)	Diam. lateral maxin.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Monton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxin. (c)	Factual Index, total $\left(\frac{a \times 100}{c}\right)$	Factual Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
17	A. L. A.	Middleton	Adult	18.8	13.4	13.2	71.5	88	15.13	10.4	7	12.1	86	57.8	9.9	10.1
82	S. A. M. A.	Near Adelaide	do	17.4	12.4	12.4	71.3	80.5	13.93	10.4	7	12.1	86	57.8	9.9	10.1
289	do	Swanport	Near adult	18.1	12.9	12.2	71.5	80	14.47	10.3	6.4	12.8	80.5	50	10.2	9.4
292	do	do	Adult	17.9	12.8	12.2	71.5	79.2	14.30	10.3	6.4	12.9	81.4	49.6	10.5	9.8
390	do	Meningie	do	17.9	12.8	11.6	71.5	75.3	14.10	10.3	6.7	11.9	86.6	56.3	10.9	9.6
422	do	Port Victor	do	18.6	13.3	11.8	71.5	73.8	14.57	10.3	6.4	12.5	84	51.2	10	9.4
220	do	Zoological Gardens	do	17.6	12.6	12.7	71.6	74.1	14.30	10.10	6.2	11.9	84	52.1	10.3	9.2
359	do	Fulham	do	19	13.6	12.6	71.6	75.2	14.40	10.9.7	6.3	12.1	80.2	52.1	9.8	9
412	do	Adrossan	do	18.3	13.1	11.8	71.6	75.2	14.40	10.9.7	6.3	12.1	80.2	52.1	9.8	9
A	do	Quorn	do	17.6	12.6	12.4	71.6	82.1	14.20	10.4	6.5	12.6	78.2	51.6	10.4	9.7
124	do	Swanport	do	18.7	13.4	12.7	71.7	73.4	14.93	10.4	5.9	13.3	78.2	44.4	10.3	9.9
357	do	Fulham	do	18.4	13.2	12.7	71.7	76.4	14.83	10.4	5.9	13.3	78.2	44.4	10.3	9.9
387	do	Sydenham	do	18.1	13	12.6	71.8	80.8	14.57	10.9	6.8	12.6	85.2	54	10.4	9.8
A ₃	do	Loxon	do	17.7	12.7	12.2	71.8	80.3	14.20	10.9	5.9	12.2	81.2	48.4	9.7	9.3
1293	N. M. N.	Port Lincoln	do	17.8	12.8	12.2	71.9	79.7	14.27	10.9	6.1	12.3	80.5	49.6	10	9.4
104	S. A. M. A.	Port Augusta	do	17.8	12.8	13	71.9	85	14.53	10.9	7.3	12.3	80.5	49.6	10	9.4
13A	do	Lower Coorong	do	17.8	12.8	12.3	71.9	80.4	14.30	10.9	5.8	12.2	79.5	47.5	9.6	9.4
O	do	Upper Coorong	do	18.2	13.1	12.5	72	80.1	14.60	10.6	6.4	12.3	86.2	52	9.6	9.4
p 15	A. L. A.	Adrossan	do	18.3	13.2	12.6	72.1	79.8	14.70	10.9	6.5	12.8	85.2	50.8	10.2	9.6
350	S. A. M. A.	Fulham	do	18.3	13.2	12.7	72.1	80.4	14.73	10.9	6.5	12.8	85.2	50.8	10.2	9.6
X	do	Yorke Peninsula	do	17.2	13.4	12.7	72.1	82.4	13.93	10.8	6.6	12.1	87.8	56.1	9.3	9
255	Dr. Basedow's	do	do	18	13	12.4	72.2	80	14.47	10.8	6.9	12.3	87.8	56.1	10.2	9.6
343	S. A. M. A.	Swanport	do	18	13	12.6	72.2	81.9	14.59	10.8	6.9	12.3	87.8	56.1	10.2	9.6
358	do	do	do	18	13	12.7	72.2	81.9	14.57	10.8	6.3	13.3	73.7	47.4	10.1	9.8
H ₁	do	Fulham	do	18	13.3	12	72.3	76	14.57	10.8	6.3	13.3	73.7	47.4	10.1	9.8
406	do	Inkerman	do	18.5	13.4	12.7	72.3	79.4	14.57	10.8	6.7	12.6	81.9	56.1	10.2	9.6
407	do	Narrung, Lake Albert	do	18.1	13.1	12.7	72.4	79.4	14.57	10.8	6.3	13.3	73.7	47.4	10.1	9.8
11	415	Henley Beach	do	17.4	12.6	13	72.4	86.7	14.33	10.9	5.9	12.1	79.5	48.8	9.7	9.6
167	do	Near Mount Gambier	do	17.1	12.4	12.8	72.5	86.6	14.10	10.9	6.5	11.6	94	56	9.5	9.1
90	do	Cape Northumberland	do	17.9	13	12.2	72.6	79.2	14.37	11.5	6.7	12.4	92.7	54	9.8	9.5
316	do	Coorong	do	17.9	13	12.8	72.6	83.1	14.57	11.5	6.7	12.4	92.7	54	9.8	9.5
468	do	Swanport	do	17.9	13	12.8	72.6	83.1	14.57	11.5	6.7	12.4	92.7	54	9.8	9.5
488	do	Glenelg	do	16.8	12.2	11.8	72.6	81.4	13.60	10.9.2	6.7	12.4	87.9	50.8	9.5	9
C	do	Near Adelaide	do	17.9	13	12.8	72.6	83.1	14.57	10.9	5.9	12.4	87.9	50.8	9.5	9
H ₁₀	do	Near Meningie	do	18.6	13.5	12.1	72.6	73.6	14.73	10.9	5.9	12.7	87.9	50.8	9.5	9
	do	do	do	18.6	13.5	12.1	72.6	73.6	14.73	10.9	5.9	12.7	87.9	50.8	9.5	9

338	do	Swanport	17.6	12.8	5 12.1	72.7	73.6	14.17	5.8	12.3	47.2	9.5	9.8
370	do	Fulham	18	13.1	11.5	72.8	78.2	13.63	7	12.2	51.4	10.3	9.6
103	do	Plympton	18.8	13.7	(35)	72.9			6.6	12.9	85.3		
r T	do	Near Meningie	17.8	13	11.4	73	71	14.07			51.5		9.4
34	do	do	17.8	13	11.9	73	77.3	14.23	6.7	13	81.5	10.7	9.5
251	do	do	17.8	13	13	73	84.4	14.60	6.7	13	83.8	10.3	9.2
2189	do	Lower Meningie	17.5	12.8	12.1	73.1	79.6	14.13	6.6	12.8	51.5		10.7
249	do	Swanport	18.6	13.6	12.6	73.1	78.3	14.53			51.6		9.7
f T	do	Coorong	18.6	13.6	12.6	73.1	78.3	14.53					10.7
f W	do	Edithbury	17.2	12.6	12.2	73.3	81.9	14.53	7.2	11.8	89.8	9.5	9.4
269	do	Swanport	17.2	12.6	13.1	73.4	85.1	14.60			61		10
42	do	Adelaide	17.7	13	12.4	73.4	80.5	14.37	6.1	12.7	54.3	10.2	9.6
276	do	do	18.4	13.5	11.9	73.4	74.4	14.60	6.9	12.7		10.2	9.6
H7	do	Coorong	17.8	13.1	12.2	73.6	79.2	14.37	6.5	12.6	51.6	10.6	9.5
320	do	Swanport	18.2	13.4	11.8	73.6	71.7	14.47	6.4	13.3	48.1	9.8	9.6
347	do	Fulham	17.4	12.8	12.5	73.6	83.4	14.37	6.7	12.8	52.3	9.7	9.4
401	do	Robe	18.2	13.4	12.5	73.6	79.1	14.70	6.8	13.3	51.1	10.8	10.1
B	do	Near Adelaide	17.9	13.2	12.6	73.7	80.8	14.57					9.5
437	do	Tantanoola	18	13.3	12.6	73.9	80.8	15.13	6.4	12.7	51.2	10.8	9.6
f 8	A. L. A.	Middleton	18.4	13.6	13.4	73.9	83.8	15.13	6.5	12.5	53.6	9.5	9.4
f 30	do	Tallem Bend	18	13.3	11.8	73.9	75.6	14.37					10
96	S. A. M. A.	Murray River	17.6	13	11.8	73.9	77.1	14.13	6.5	12.7		9.6	9
271	do	Swanport	17.6	13	12.6	73.9	82.4	14.40	6.7	12.5		9.5	9.4
f 1035	do	Yorke Peninsula	18.6	13.8	12.6	73.9	82.4	14.40					9.4
f 333	do	Swanport	18.3	13.6	12.1	74.3	75.6	14.67	6.4	12.9	49.6	10.2	9.6
243	Dr. Basedow's	Lower Murray River	18.3	13.4	13.1	74.4	83.4	14.83	6.4	12.9	49.6	10.4	10.1
413	S. A. M. A.	Swanport	18	13.4	12.8	74.4	81.5	11.73	6.5	13	80.6	10.5	10
f 392	do	Ardrossan	18.8	14	13.3	74.5	81.9	15.37			80		10.7
268	do	Coorong	17	12.8	13.3	74.5	83.2	14.07	6.5	12.3	52.8	9.7	9.4
91	do	Swanport	18.2	13.8	12.4	75.8	76.9	14.77	6.5	13.4	77.6	10.5	9.8
B10	do	Coorong	18.2	13.8	12.3	75.8	76.9	14.77	6.3	13.4	47.8	9.7	9.4
f 42	do	Mt. Gambier	18.2	13.8	12.5	75.8	78.1	14.83	6.6	11.9	49.2	10.1	9.6
A. L. A.	do	Robe	17.1	13	12.6	76	84	14.23	5.8	12	93.8	9.3	9.6
S. A. M. A.	do	Swanport	18.5	13.6	12.6	76.4	91.1	14.13	7	13.8	48.3	10.2	10.1
f F	do	Coffin Bay	18.2	12.9	12.6	76.4	78.8	14.90	7.4	13.8	81.9	10.4	9.2
1081	do	Walleroo	18.1	14.4	13	79.6	80.2	15.17	7.4	13.9	84.9	11.2	10.3
Totals	(183)		2,882.9	(339)	1,787.5	(150)	(113)	(143)	(131)	(108)	(70)	(117)	(141)
Averages			18.16		12.6	70.7	80.7	14.49	6.52	13.50	63.2	10.2	9.72
Minima			16.5	11.7	11.4	64.5	73.4	13.00	5.7	11.2	73.7	9.3	9
Maxima			19.1	14.4	13.6	72.6	91.1	15.37	7.4	13.9	82.5	11.2	10.7

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 47.

SOUTH AUSTRALIAN CRANIA—Continued
FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
2027	S. A. M. A.	Glanville.	Adult.	9.6	58.5	45	3.4	3.08	3.6	85.6	4.4	2.8	63.6	6.6	6.3	95.4
13	A. L. A.	Reedbeds Adelaide.	do.	9.6	68.5	51	3.4	3.35	3.8	83.1	4.7	2.7	67.4	6.4	6.1	95.3
158	S. A. M. A.	Meninge.	do.	8.9			3.22	3.85	3.85	83.6	4.45	2.9	65.2			
98	do.	Glenelg.	do.	8.6	64.5	47.5	3.35	3.35	3.62	82.5	19.4.4	2.4	44.5	5.9	5.9	100
83	do.	Lower Murray River.	do.					19.3.8	19.3.8	89.5	4.9	2.2	44.9	5.9	6.3	106.8
712	do.	Dry Creek.	do.													
253	do.	Swanport.	do.	9.2	69.5	50.5	2.85	3.3	3.7	89.2	4.3	2.4	55.8	5.8	6.2	106.9
f 348	do.	Fulham.	do.					3.8	3.85	88.7	5.1	2.65	62	5.9	5.85	99.2
f 386	do.	Sydenham.	do.	9.5	68	61	3.7	3.35	3.8	83.1	4.4	2.55	68	5.9	6.9	117
13025	N. M. M.	Port Augusta.	do.	9.3	63	50		3.5	3.95	83.0	4.3	2.8	66.1	6.2	0	96.8
404	S. A. M. A.	Mount Pleasant.	do.													
110	do.	Murray Bridge.	do.	9.6	66.5	42.5			(7)		5.2	2.7	51.9	5.7	6.2	108.8
f 241	do.	Swanport.	do.	8.8	69	51	3.35	3.58	3.58	93.6	4.3	2.6	69.5	6.8	6.6	97.1
87	do.	Murray Bridge.	do.	8.6	62	47	3.2	4.1	78	4.4	2.5	66.8	6.8	6.6	107	
305	do.	Swanport.	do.	8.8	69	49		3.28	3.62	90.6	4.55	2.35	51.7	5.7	6.1	107
364	do.	Fulham.	do.													
374	do.	do.	do.													
f 263	do.	Swanport.	do.	8.8	72.5	53.5	3	3.2	3.75	88.6	4.75	2.5	52.6	5.6	6	107.1
154	do.	Milang.	do.	9	62.5	48	3.3	3.38	3.55	95.2	13.4.4	2.5	66.8	6.1	6.4	104.9
172	do.	do.	do.	9.8	68	51.5		19.3.4	19.3.6	94.4	4.45	2.65	69.6			
H16	do.	Near Murray Bridge.	do.													
B4	do.	Henley Beach.	do.													
43	do.	Reedbeds Adelaide.	do.	9.4	64.5	48		3.35	3.8	83.1	4.75	2.4	69.6	6.2	6.5	104.8
88	do.	Murray Bridge.	do.	9.2	63.5	41		3.25	3.8	85.6	4.4	2.5	66.8	6.1	5.9	96.7
121	do.	Walkerville.	do.	8.6	65.5	50	3	3.18	3.62	87.8	4.5	2.35	62.2	6	6.3	105
f 286	do.	Swanport.	do.	9.2	67.5	52.5	3	3.4	3.68	92.4	4.5	2.4	53.9	6.9	6.2	101.6
f 285	do.	do.	do.	9.2	67.5	52.5	2.85	3.25	3.72	87.4	13.4.5	2.55	66.7	5.9	6.4	108.6
Y	do.	York Peninsula.	do.	9.5	64.5	45.5		3.05	3.05	84.7	4.5	2.55	66.7	6.2	6.4	108.2
1366	do.	Port Macleay.	do.	8.8	65	49.5	3.05	19.3.45	19.3.8	89.6	4.5	2.5	65.6	6.2	6.4	108.2
50	do.	Adelaide.	do.	9.8	64	53.5		19.3.4	19.3.7	91.9	4.9	2.55	68.7			
165	do.	Henley Beach.	do.	9.8	67.5	51	3.3	3.4	3.8	89.5	4.9	2.5	51	6.2	6.2	100
49	do.	Reedbeds Adelaide.	do.	8.6	61	49		3.55	3.75	94.7	4.4	2.45	65.7	5.8	6	103.4
16563	N. M. M.	Lower Coorong.	do.	9.4	66	51		3.52	3.62	91.6	4.65	2.3	49.6	6.1	6.3	101.6
275	S. A. M. A.	Swanport.	do.	9.2	70	51	3.2	3.42	3.92	87.2	4.8	2.65	65.2	5.9	6.2	106.8

312	do	do	8.6	68	38.5	2.7	3.22	3.6	89.5	19.4	2.3	65.4	5.8	6.2	106.9
342	do	do	8.9	68	44.5		3.22	3.75	85.0	4.75	2.75	67.9	6.1	6.5	106.6
340	do	do	9.3	66.5	51		3.28	3.85	80.2	4.55	2.65	68.2	5.8	6.8	117.2
21	A. L. A.	do	8.8	68	50	3.35	3.42	3.75	91.2	4.8	2.65	65.2	6	6.8	113.5
206	S. A. M. A.	do	8.7	69.5	53		2.98	3.5	85.1	4.65	2.3	69.5	5.6	5.8	103.6
301	do	do	9	69.5	48		3.42	3.75	91.2	4.4	2.5	66.8	5.8	6.5	112.1
300	do	do	8.4	70	57.5		3.38	3.78	94.7	4.5	2.5	65.6	5.5	6.5	109.1
385	Sydenham	do	8.4	65	47		3.28	3.8	85.6	4.7	2.45	62.1	6.7	6.3	94
4	Dr. Pullene	do	9.4	65	47	3.5	3.25	3.8	85.6	4.5	2.3	61.1	6	6.3	106
12	Yorke Peninsula	do	8.8	69	50.5	2.9	3	3.65	82.2	4.5	2.7	67.4	6.3	6.8	107.9
10	A. L. A.	do	9.3	67	55.5	3.3	3.5	3.5	100	19.4	2.7	67.4	3.6	6.6	116.8
261	Larcs	do	8.6	68	53		3.15	3.85	81.8	3.6	2.4	66.7	5.7	6.6	110.5
f 201	Paralamer	do	9.1	68	53		3.22	3.48	92.5	4.5	2.5	65.5	5.7	6.3	116.8
f 272	do	do	8.8	69	48	2.7	3.45	3.8	90.8	18.4	2.55	60.7	5.5	5.8	105.4
265	do	do	8.6	71	51	2.8	3.55	3.75	89.5	18.4	2.55	54.8	5.7	6	105.5
499	Near Morgan	do													
710	MacDonnell Bay	do													
K	Lower Coorong	do	9	75.5	54		3.3	3.7	91.9	4.55	2.8	61.5	6.1	6.4	104.9
16565	N. M. M.	do	9.2	67	49.5	3.5	3.4	4.15	81.9	19.4	2.5	61.0	6.1	6.4	104.9
A44	A. L. A.	do	8.9	69.5	53.5	2.9	3.52	3.7	96.1	4.75	2.3	48.4	3.7	5.9	103.5
f 29	Tailern Bend	do													
4	Koombo	do	8.8	69.5	47	3	2.9	3.7	78.4	4.4	2.85	64.8	6	6.7	111.7
4	Mt. Dulton Bay	do	9.1	66	62	3.3	3.58	3.88	92.3	4.55	2.3	50.5	5.8	6.2	106.9
B ₂	Mallala	do													
H ₂	Meningie	do	9.6	66.5	54	3.4	3.5	3.92	89.5	18.4	2.35	48.5	6.3	6.8	107.9
280	Swampart	do	9.2	67	52.5	2.8	3.5	3.92	89.5	4.55	2.55	56	5.9	6.7	113.6
417	Woods Point	do	8.5	64	40	3.5									
399	Chuka Bond	do	9.4	69.5	48.5	3	3.15	3.75	87	4.65	2.65	67	6.1	6.1	100
S679	Fulham	do	8.9	66	50.5	2.8	3.25	3.65	80	4.4	2.5	56.8	5.9	6.1	103.4
f 371	A. M. S.	do	9	68.5	41		3.38	3.8	83.0	4.35	2.3	48.9	6	6.4	108.7
f 371	S. A. M. A.	do	9	68.5	41		3.38	3.9	86.9	4.4	2.15	48.9	6	6.4	108.7
38	Near Meningie	do	8.4			3.2	3.25	3.8	84.2	4.7	2.8	69.6	5.5	6.7	121.8
* 94	Cardweene	do	8.6	71	55		3.5	3.82	87.7	4.95	2.6	62.5	6.3	6.7	121.8
281	S. A. M. A.	do	8.6	68	41.5		3.18	3.88	82	18.3	2.6	66.7	6.3	6.3	100
f 360	Swampart	do	9.4			3									
3076	Fulham	do	8.9												
K	Glen Ello	do	9.2	68	47	2.75	3.58	3.75	95.5	18.4	2.55	63.7	5.7	6.7	117.5
H ₂	Near Adelaide	do	8.8	64.5	42	2.85	3.28	3.75	87.5	19.4	2.55	67.5	6	5.8	96.7
f 259	Glenely	do	9.3	69.5	52	3.2	3.55	3.85	87.5	4.5	2.5	55.6	6	6.5	108.5
259	Swampart	do	8.6	72.5	54.5	3.6	3.55	3.68	96.5	19.4	2.35	49.5	5.7	6.3	110.5
H	Fulham	do													
H	Coorong	do	8.4	65.5	50.5		3.15	3.52	89.5	18.4	2.25	60	5.5	5.7	103.6
H	Port Pirie	do	9			3	3.38	3.58	94.4	4.5	2.3	61.1	5.7	6	106.3
274	Swampart	do	8.4	69	48		3.62	3.8	95.3	18.4	2.55	65.4	5.8	6.2	106.9
295	do	do	8.9	66	48	2.8	3.2	3.5	91.4	4.15	2.5	60.2	5.7	6.2	108.1
319	do	do	9.2	64.5	44		3.2	3.75	85.4	4.5	2.6	57.8	6.2	6.7	108.4
m 383	Sydenham	do	9.1				3.62	4	90.5	4.9	2.6	55.1	6.2	6.6	108.5
n 11406	Murray Bridge	do	9	67	51	3.5	3.32	3.75	88.5	4.5	2.7	60	6	6.5	108.5
11460	Campbelltown	do	9.2			3.4	3.65	3.7	95.9	4.65	2.5	63.8	5.7	6.2	108.8
f 95	Mannum	do	8.3	65	42		3.4	3.8	89.5	4.65	2.8	60.2	5.7	6.8	119.5
f 306	Swampart	do	9.2	66	57	2.95	3.3	3.65	87.7	4.5	2.6	67.8	5.7	6.8	119.5
J 631	Fulham	do													
A903	Near Adelaide	do													

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 47.

SOUTH AUSTRALIAN CRANIA—Continued
FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
17	A. L. A.	Middleton.	Adult	8.8	°	°	3.3	3.3	3.75	88	5.1	2.8	54.9	6.1	105.2	
82	S. A. M. A.	Near Adelaide.	do	8.7	65	54	30 3.6	3.1	3.6	100	18 4.7	2.6	55.3	6.5	106.6	
299	do	Swanport	Near adult	8.8	64.5	46	30 3.3	3.1	3.7	86.8	4.35	2.55	58.6	6.1	98.3	
242	do	do	Adult	9.1	66	41	3.15	3.35	3.7	90.5	4.7	2.7	67.4	6.4	98.3	
390	do	Meningie	do	9.3	61	42	3.1	3.2	3.7	86.5	4.6	2.5	54.1	6.4	103.9	
422	do	Port Victor	do	8.6	66	38.5	3.6	3.6	3.95	91.1	18 4.8	2.6	54.2	6.2	103.9	
220	do	Zoological Gardens	do	9	62	42	3.4	2.98	3.88	83.2	18 4.5	2.35	52.2	6	108.3	
3369	do	Fulham	do	8.6	64	58	3.15	3.15	3.08	85.6	4.05	2.35	58	5.7	101.8	
412	do	Adrossan	do	9.1	63.5	48	2.95	3.1	3.65	84.9	18 4.5	2.3	51.1	6.3	110.5	
A4	do	Quorn	do	9	69.5	40	3.05	3.45	3.7	93.2	18 4.45	2.7	60.7	5.9	106.8	
1245	do	Swanport	do	9	69.5	40	3.05	3.45	3.7	93.2	18 4.45	2.7	60.7	5.9	106.8	
357	do	Fulham	do	9	69.5	40	3.05	3.45	3.7	93.2	18 4.45	2.7	60.7	5.9	106.8	
387	do	Sydenham	do	9.1	65.5	48.5	3.22	3.22	3.6	89.5	18 4.8	2.55	53.1	6	108.3	
A8	do	Loxton	do	8.8	68.5	46	3.15	3.15	3.35	91	4.15	2.7	65.1	5.7	110.5	
12981	N. M. M.	Port Lincoln	do	8.7	66.5	52.5	2.8	3.2	3.55	90.1	4.45	2.1	47.2	5.8	106.2	
164	S. A. M. A.	Port Augusta	do	9.2	64	46	3.32	3.32	3.65	91	4.9	3.05	62.2	6.1	106.6	
133A	do	Lower Coorong	do	8.6	70.5	50	3.28	3.28	3.7	88.7	4.3	2.3	53.3	5.6	106.4	
O	do	Upper Coorong	do	8.5	69	52.5	3.1	3.6	3.72	96.8	4.5	2.4	53.3	5.6	112.5	
P16	A. L. A.	Adrossan	do	8.6	66	38.5	2.8	3.15	3.75	84	18 4.7	2.35	50	6	103.9	
350	S. A. M. A.	Fulham	do	8.2	60.5	50	3.15	3.15	3.7	85.1	4.75	2.45	51.6	5.4	111.1	
X	do	Yorke Peninsula	do	8.9	67	52	3.1	3.35	3.68	91	4.8	2.55	53.1	6.1	108.2	
235	Dr. Basedow's.	do	do	8.2	67	52	3.1	3.35	3.68	91	4.8	2.55	53.1	6.1	108.2	
343	S. A. M. A.	Swanport	do	9.2	68	49.5	2.8	3.68	3.75	98.1	4.9	2.7	55.1	5.8	106.9	
358	do	do	do	9.1	63	45.5	3.1	3.35	3.75	98.1	4.9	2.7	55.1	5.8	106.9	
H11	do	Inkerman	do	9.1	63	45.5	3.1	3.35	3.75	98.1	4.9	2.7	55.1	5.8	106.9	
406	do	Narrung, Lake Albert	do	9	71	51	20 3.1	3.2	3.8	81.6	4.5	2.7	60	5.8	113.8	
407	do	Henley Beach	do	9	71	51	3.28	3.28	3.75	87.5	4.2	2.65	63.1	5.8	113.8	
1415	do	Near Mount Gambier	do	8.8	71	50	3	3.32	3.7	89.7	4.2	2.5	69.5	5.5	107.3	
167	do	Cape Northumberland	do	8.3	66.5	53.5	3.4	3.32	3.75	85.9	4.25	2.5	58.8	5.9	106.8	
90	do	Coorong	do	9	67	61	3.22	3.22	3.95	84	18 4.75	2.35	49.5	5.6	119.6	
316	do	Swanport	do	8.6	67	53.5	2.6	3.15	3.65	86.3	18 4.35	2.35	54	5.3	109.4	
438	do	Gleneig	do	9.4	67	51	3.3	3.35	3.75	89.3	4.7	2.5	63.2	6.8	111.5	
C	do	Near Adelaide	do	8.4	72	52	3.08	3.08	3.55	86.8	18 4.9	2.6	53.1	6.2	112.7	
H10	do	Near Meningie	do	8.4	72	52	3.08	3.08	3.55	86.8	18 4.9	2.6	53.1	6.2	112.7	

338	do.	Swanport.	do.	8.7	75	51.5	3.32	3.48	95.4	18 4.35	2.3	52.9	6.1	6.5	106.6
370	do.	Fulham.	do.	9.2	64	50	3.1	3.6	86.1	18 4.7	2.25	47.9	6	6.4	106.7
103	do.	Plympton.	do.				3.2	3.95	79	4.5	2.5	55.6			
r T ₃	do.	Near Meningie.	do.												
34	do.	Adolescent	do.				3.38	3.6	55.9	4.75	2.0	54.7	5.9	6.6	111.9
do.	do.	Swanport.	do.	8.8	64	47	3.2	3.9	55.9	4.7	2.0	51.7	5.9	6.6	111.9
2189	do.	Lower Meningie.	do.	8.5	69	50.5	2.8	3.35							
249	do.	Swanport.	do.	8.8	61.5	44.5	3.18	3.62	87.3	18 4.45	2.55	56	5.8	6.5	112.1
r T	do.	Coorong.	do.	20 3.45			20 3.9	3.7	85.9						
do.	do.	Edithbury.	do.												
r W	do.	Swanport.	do.	8.5	66	53.5	3.65	3.78	96.6	18 5.15	2.45	47.6	5.9	6.3	106.8
269	do.	Adelaide.	do.	9.5	67	40.5	3.45	3.8	80.8	4.7	2.9	61.7			
42	do.	Swanport.	do.	8.7	67	50	3.25	3.85	80.8	18 4.3	2.6	60.5	6.1	6.5	106.6
276	do.	Coorong.	do.	8.8	64.5	50	3.18	3.7	85.9	18 4.5	2.55	56.7	5.8	6.5	112.1
H ₇	do.	Swanport.	do.												
320	do.	Fulham.	do.	9	63	39	3.4	3.75	90.7	4.6	2.6	56.5	6.1	6.6	108.2
347	do.	Robe.	do.	8.6	69	47	3.42	3.78	90.5	18 4.65	2.95	48.4	5.7	6.5	114
401	do.	Near Adelaide	do.	8.7	67	53	2.8	3.65	95.2	18 4.9	2.35	48	5.0	6.3	112.5
B	do.	Tantamoola.	do.	9.5	65.5	52	3.55	3.95	89.9	4.5	3	66.7	6.1	6.8	111.5
437	do.	Middleton.	do.												
r 8	A. L. A.	Tallem Bend	do.												
r 30	do.	Murray River	do.												
96	S. A. M. A.	Swanport	do.	9.2	62	36.5	3.02	3.65	82.7	4.6	2.65	57.6	6.1	6.6	108.2
971	do.	Yorke Peninsula.	do.	8.2	65	42.5	3.3	3.8	86.8	18 4.65	2.4	51.6	5.7	6.6	115.8
1035	do.	Swanport.	do.	8.4	68.5	50	2.8	3.85	95.5	18 4.9	2.2	44.9	5.6	6.2	110.7
r 333	do.	Lower Murray River	do.												
Dr. Basedow's	do.	Swanport.	do.	8.8	65	45	3.5	3.8	92.1	4.45	2.65	59.5	5.8	6.6	113.8
243	S. A. M. A.	Ardressan.	do.	9.2	69.5	51	3.2	3.78	84.1	4.4	2.35	53.4	6	5.8	96.7
413	do.	Coorong.	do.	9.4	61.5	49	3.18	3.7	85.9	4.8	2.55	53.1	6	6.8	113.8
r 392	do.	Swanport.	do.												
268	do.	Coorong.	do.	8.5	68	51	3.42	3.8	90	18 4.5	2.55	56.7	5.9	6.7	106.6
do.	do.	Coorong.	do.	9	60	43	3.22	3.85	83.6	18 4.4	2.4	54.6	5.9	6	101.7
91	do.	Mt. Gambler.	do.	8.5	68.5	51.5	2.9	3.32	62.91.7	4.25	2.8	65.9	5.7	6.2	103.8
B ₁₀	A. L. A.	Robe.	do.	8.7	66.5	46	3.4	3.62	97.8	18 4.6	2.75	59.8	6.1	6.8	111.5
r 42	S. A. M. A.	Swanport.	do.	8.5	70	54	3.35	3.72	90.1	18 4.4	2.3	52.9	5.3	6.2	117
341	do.	Coffin Bay.	do.	9	68.5	46	3.1	3.48	91.6	5.05	2.45	48.5	6	6.8	113.8
r F	do.	Wallaroo.	do.	10	63.5	57.5	3.9	3.8	90	4.7	2.7	57.4	6.7	6.7	100
1081	do.		do.												
Totals.			(150)	(115)	(70)	(193)	(146)	(98)	(146)	(137)	(127)	(117)	(111)	(111)	(111)
Average.	1,109.8		221.0	419.26	471.16	579.55	321.35	471.16	701.95	579.55	321.35	471.16	656.4	701.95	(111)
Minima.	8.95	67	49	3.08	3.55	4.56	3.74	50	5.91	4.56	2.58	55.5	5.91	6.32	106.9
Maxima.	10	8.2	75.5	62	3.9	3.8	3.35	78	3.6	2.1	44.9	6.7	5.7	91	91
															121.8

a No allowance made for wear in any case.
 b Tall female.
 c Tall, strong female.
 d Let anterior premaxilar probably knocked out.
 e Somewhat male-like (height of jaw) but more likely female.
 f Large female; Tealuck tribe.
 g Bull-Bull tribe.
 h Tall female.
 i Surely female.
 j Tealuck tribe.
 k Tall massive female.
 l Pelvis and part of skeleton.
 m Part of skeleton; evidently a large female.
 n Looks more like female than male.
 o Looks (supraorbital ridges) somewhat male-like, but is female.
 p Whole skeleton.
 q Thick and massive skull.
 r For footnotes to reference figures, see p. 3.

NORTHERN TERRITORY CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
197	S. A. M. A.	Anson Bay	Adult	18.1	11.9	12.2	69.1	28.4	13.97	70.4	6.9	11.9	85.2	88	10.2	10
227	do	Melville Island	do	18.4	11.8	13.2	67.1	28.8	14.33	70.4	6.4	12.2	85.2	82.5	10.3	10.2
443	do	Humbert River	do	17.7	11.8	13.2	66.7	28.2	14.33	70.4	6.5	12.2	85.2	83.3	10.2	10.2
380	Dr. Basedow's	Melville Island	do	18.5	12.4	13.4	67	27	14.77	100.6	6.2	12.2	85.2	85.2	10.1	10.1
11411	do	do	do	18.8	12.6	13.5	67.2	26	14.97	100.6	6.5	12.6	86.2	87.7	10.7	10.7
16119	N. M. M.	do	do	17.7	11.9	12.7	67.2	26.8	14.10	100.2	6.6	12.2	83.6	84.1	10	9.8
11452	S. A. M. A.	Melville Island	do	18.4	12.4	12.8	67.4	28.1	14.53	71.2	6.8	12.3	84.6	82.3	10.6	9.9
16109	N. M. M.	do	do	18.4	12.4	12.9	67.4	28.8	14.57	71.1	6.8	12.5	84.6	82.3	10.6	9.9
180	S. A. M. A.	Anson Bay	do	17.4	11.8	12.4	67.8	29.9	13.87	79.7	6.2	12.5	80.2	80.2	9.6	9.4
190	do	do	do	17.2	11.7	12.4	68.2	28.1	13.77	79.7	7.1	12.3	86.2	87.7	10.8	9.8
261	do	do	do	17.6	12	12.6	68.2	28.1	14.07	100.6	6.2	12.6	86.2	87.7	10.8	9.8
144	do	do	do	17.5	12	12.6	68.6	28.1	14.03	100.6	6.5	12.6	86.2	87.7	10.3	10
16378	N. M. M.	do	do	18.3	12.6	13.6	68.8	27.7	14.80	100.6	6.5	12.6	86.2	87.7	10.7	10
17082	do	do	do	18.3	12.6	13.5	68.8	27.7	14.80	100.6	6.5	12.6	86.2	87.7	10.7	10
213	S. A. M. A.	Borroloola	do	18	12.4	13.6	68.9	28.5	14.67	100.6	6.9	12.8	86.2	86.2	10.6	10.6
177	do	Anson Bay	do	17.8	12.3	13.3	69.1	28.2	14.13	100.6	6.2	12.7	86.2	86.2	10.6	10.6
217	do	Borroloola	do	17.8	12.3	13.4	69.1	28.3	14.50	100.6	6.3	12.4	86.2	86.2	10.4	10.4
16111	N. M. M.	do	do	17.6	12.2	12.4	69.5	28.2	14.07	100.6	6.3	12.5	80.8	80.8	10	10
151	S. A. M. A.	Anson Bay	do	17.3	12	12.6	69.4	28.2	13.77	100.6	6.4	12.7	86.2	86.2	10.6	9.8
189	do	do	do	17	11.8	12.6	69.4	28.2	13.80	100.6	6.6	12.6	86.2	86.2	10.4	9.8
16381	N. M. M.	do	do	17	11.8	12.6	69.4	28.2	13.83	100.6	6.3	13	85	85	10.3	9.5
68	S. A. M. A.	Port Darwin	do	17.5	12.2	13.2	69.7	28.2	14.30	100.6	6.4	13	80	80	10.8	10.3
409	do	Arnhem Bay	do	17.8	12.4	13.1	69.7	28.8	14.63	79.8	6.4	13	80	80	10.8	10.3
198	do	Anson Bay	do	17.2	12	13	69.8	28.9	14.07	79.8	6.4	12.3	79.7	79.7	10.8	10.8
17088	N. M. M.	do	do	17.2	12	13	69.8	28.9	14.07	79.8	6.4	12.3	79.7	79.7	10.8	10.8
17086	do	do	do	17.3	12.1	13	69.8	28.4	14.33	100.6	6.8	12.4	86.2	86.2	9.9	9.8
16113	do	do	do	18	12.6	13.7	70	28.5	14.53	100.6	6.7	11.7	86.2	86.2	10	9.8
147	S. A. M. A.	do	do	17.4	12.2	13.2	70.1	28.6	14.03	100.6	7.1	12.8	86.2	86.2	11	10.3
71	do	Port Darwin	do	17.3	12.4	13.2	70.4	28.8	14.40	100.6	6.5	11.9	86.2	86.2	10.6	9.8
206	do	Anson Bay	do	17.3	12.4	13.4	70.6	29.0	14.30	100.6	6.5	12.1	86.2	86.2	10.2	10
148	do	do	do	17.4	12.3	13.1	70.7	28.5	14.27	100.6	5.9	11.9	79.5	79.5	10.4	9.8
A5115	A. M. S.	Melville Island	do	16.8	11.9	12.9	70.8	28.6	13.87	29.6	6.2	12.1	79.5	79.5	10.2	10.2
16375	N. M. M.	do	do	17.8	12.6	13.2	70.8	28.6	14.53	100.6	6.9	12.9	86.2	86.2	9.9	9.3
15959	do	Hasan River	do	17.8	12.6	13.3	70.8	28.5	14.57	100.6	6.9	12.9	86.2	86.2	11.1	10.1

153	S. A. M. A.	do.	18.2	12.9	13.4	70.9	85.9	14.83	11.4	7.2	13.3	85.7	54.1	10.1
379	do.	do.	17.5	12.4	13	70.9	86.7	14.30	9.6	5.8			64.9	9.6
176	do.	do.	17	12.1	12.8	71.2	87.7	14.30	4.1.3	6.7			51.2	9.7
76	do.	Adolescent	17.4	12.4	13.4	71.2	88.2	14.07		6.1			56.7	9.6
11448	do.	Adult	18.2	13	13	71.7	88.3	14.73	11.1	7.2			56.7	10
228	do.	do.	16.5	11.8	12.1	71.7	88.2	13.47	10.2	6.4			52	9.9
16130	N. M. M.	Port Darwin	17.6	12.6	13.2	71.6	87.4	14.47	9.1	3.6			45.9	9.5
146	S. A. M. A.	do.	18	12.9	13.4	71.7	87	14.77		(6.5)				9.6
212	do.	do.	17.4	12.5	13.1	71.8	87.8	14.33		12.8			(50.8)	9.8
16128	N. M. M.	Borroloola	17.2	12.4	13.3	72.1	89.9	14.30		6.5			51.6	9.5
73	S. A. M. A.	Near Southport	17.6	12.7	13.8	72.2	90.8	14.70	10.9	6.8			86.5	9.9
16107	N. M. M.	do.	16.9	12.2	12.5	72.2	85.6	13.87	4.10.1	6.5			81.2	9.6
16365	do.	do.	17	12.3	13.1	72.4	89.7	14.13	37.10.3	6.6			83.7	9.6
16118	do.	do.	17.4	12.6	12.5	72.4	88.3	14.17	2.9.4	17.5.9			77	10.2
187	S. A. M. A.	Anson Bay	17.1	12.4	13.6	72.5	91.9	14.37	10.3	6.2			88	10.1
200	do.	do.	17.8	12.9	12.9	72.5	84.4	14.57	10.5	6.5			82	10
408	do.	do.	16.5	12	13	72.7	91.6	13.83	7.10.1	6.4			50.8	10.1
16376	N. M. M.	Arnhem Bay	18.4	13.4	13	72.8	81.8	14.93		6.0			51.6	9.5
215	S. A. M. A.	do.	17.8	13	13	73	84.4	14.60		6.7			51.9	10.3
16360	N. M. M.	Borroloola	17.8	13.2	13.2	73	85.7	14.67	10.2	6.4			50	9.8
16131	do.	do.	17.8	13.4	13.4	73	87	14.73	10	6.6			51.6	9.9
442	S. A. M. A.	Port Darwin	17.9	13.1	13	73.2	83.2	14.67		6.7			52.3	9.9
18508	N. M. M.	Melville Island	17.2	12.6	13.7	73.3	92	14.50		6.7			56.8	9.6
16366	do.	Pine Creek	17.1	12.6	13.1	73.7	88.5	14.27	2.9.5	5.9			48	9.1
65	S. A. M. A.	Gulf of Carpentaria	17.6	13	13.4	73.9	87.6	14.67	11.1.1	12.7			52.8	9.7
128	do.	do.	17.4	12.9	12.8	74.1	84.2	14.37	7.10.4	6.5			49.2	10
16124	N. M. M.	Melville Island	17	12.6	12.3	74.1	83.1	13.97		6.7			55.8	9.9
15	S. A. M. A.	do.	16.7	12.4	13	74.2	89	14.08	10.6	6.7			57.3	9.5
16382	N. M. M.	Near Southport	17.1	12.7	12.6	74.3	84.6	14.13	10.5	6.9			51.2	9.9
173	S. A. M. A.	do.	17.6	13.1	12.6	74.4	81.8	14.43		6.5			50.6	9.9
16364	N. M. M.	do.	17.2	12.8	13.5	74.4	90	14.50		6.3			49.2	10

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 53.

NORTHERN TERRITORY CRANIA—Continued
FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (labella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Pacial Index, total $\left(\frac{b \times 100}{c}\right)$	Pacial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
70	S. A. M. A.	Port Darwin	Adult	16.9	12.6	12.2	74.6	82.4	13.90	10.10	6.9	12.1	82.6	57	10.4	9.7
169	do.	do.	do.	17.7	13.2	12.1	74.6	78.6	14.33	11.10.4	6.4	11.7	80.3	52.3	10.8	10
16363	N. M. M.	do.	do.	16.3	12.2	13	74.8	81.6	13.83	9.4	6	11.7	80.3	52.3	9.8	9.6
16371	do.	do.	do.	17.9	13.4	13.5	74.9	86.5	14.93	9.11.2	6.9	12.7	88.2	45.8	10.4	9.9
397	S. A. M. A.	Melville Island	do.	16.9	12.7	12	75.2	81.1	13.87	9.2	5.8	12.7	72.4	45.7	9.7	9.2
13	do.	Southport	Young, but all 3 molars erupted.	16.7	12.6	12.6	75.4	85.3	13.97	10.6	6.8	11.7	90.6	58.1	9.8	9.4
426	do.	Melville Island	Adult	16.8	12.7	12.6	75.6	85.1	14.03	(32)	6	12	80.9	50	9.3	9.4
445	do.	Burrund	do.	17.2	13	13.4	75.6	83.7	14.53	10.7	6.8	11.9	80.9	57.1	10.7	10
12	do.	Pine Creek	do.	16.3	12.4	12.7	76.1	83.2	13.80	11.2	6.7	12.4	90.3	54	10.3	9.6
145	do.	do.	do.	17.6	13.4	13	76.1	83.9	14.67	10	6.4	12.3	81.3	52	10.2	9.8
199	do.	Anson Bay	do.	16.8	12.8	13	76.2	87.8	14.20	9.2	5.5	12.9	71.3	42.6	9.7	9.4
192	do.	do.	do.	17	13.2	13	77.6	86.1	14.40	10	6.2	12.5	80	49.6	10.1	9.7
16129	N. M. M.	Port Darwin	do.	16.5	12.8	13	77.6	89	14.10	10.3	6	11.6	86.6	50.4	10	9.6
201	S. A. M. A.	Anson Bay	do.	16.3	12.7	12.1	77.9	83.4	13.70	10.7	6.7	12.6	84.9	53.2	10.1	9.8
Totals	(69)	(77)	(77)	1,397.2	(68)	(77)	(69)	(77)	(77)	(53)	(74)	(72)	(60)	(70)	(68)	(77)
Averages	1,397.2	998.3	905	17.46	12.48	12.92	71.5	86.3	14.20	10.20	478.4	891.1	82.3	52.3	702.5	752.2
Minima	16.3	11.6	12	64.1	78.6	13.47	71.9	81	13.47	9.1	5.5	11.7	71.3	42.6	8.9	8.9
Maxima	18.8	13.4	13.8	77.9	92	14.97	85.3	92	14.97	11.4	7.2	13.3	92.6	58.1	11.1	10.6

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
197	S. A. M. A.	Anson Bay.	Adult.	9	68.5	54.5	3.3	3.2	3.65	87.7	184.6	2.5	54.4	5.9	6.3	106.8
227	do.	Melville Island.	do.	3.3	71	51	3.3	3	3.5	86.7	184.8	2.35	49	5.9	6.3	106.8
443	do.	Humbert River	do.	9	71.5	50	(4)	3.48	3.95	88.1	4.6	2.7	53.7			
380	Dr. Basedow's	Melville Island	do.	8.7												
11411	S. A. M. A.	do.	do.													
16119	N. M. M.	do.	do.	9	67	47.5	3	3.15	3.8	82.9	4.7	2.9	61.7			
11452	S. A. M. A.	do.	do.	8.6	68.5	56	3.35	3.22	3.75	85.9	184.5	2.4	53.3	5.8	6.5	112.1
16109	N. M. M.	Melville Island	do.	9	68.5	43	3.4	3.38	3.82	85.6	4.8	2.95	61.5	5.9	6.8	115.2
180	N. M. M.	do.	do.	9	65	43	2.9	3.4	3.95	87.6	4.7	2.6	55.9	6	6.4	106.7
190	S. A. M. A.	Anson Bay.	do.	9	70	63.5	2.8	3.08	3.88	87.6	4.45	2.7	60.7	5.5	6.5	118.2
201	do.	do.	do.	9	62.5	44.5	3.3	3.35	3.75	82.7	4.45	2.45	54.4	6.1	6.2	101.6
144	do.	do.	do.	3.3	70	45		3.2	3.85	85.1	184.7	2.5	53.2	5.8	6.2	104.9
16378	N. M. M.	do.	do.	9.1	66	40.5		3.55	3.95	89.9	4.6	2.6	56.5	6.6	6.7	101.5
17052	do.	do.	do.	8.8												
177	S. A. M. A.	Borrooloola	do.	9.2	71	50.5		3.15	3.75	84	184.65	2.2	47.9	5.9	6.8	115.2
217	do.	Anson Bay.	do.	9.1	64.5	41	2.9	3.6	3.98	82.6	4.45	2.55	57.9	6.1	6.3	103.3
16111	do.	Borrooloola	do.	8.9	66	47		3.28	3.78	86.8	4.8	2.5	61	6	6.6	110
151	N. M. M.	do.	do.	9.2	68.5	42.5	3.1	3.32	3.72	89.2	4.8	2.5	52.1	5.8	6.4	110.3
189	S. A. M. A.	Anson Bay.	do.	9.1	65	44.5		3.15	3.7	85.1	184.35	2.7	62.7	6.2	6.6	106.4
16381	do.	do.	do.	8.8	67	53	2.95	3.3	3.58	82.2	4.25	2.7	56.2	6.2	6.9	111.3
68	N. M. M.	Port Darwin.	do.	9.6	68	48	2.95	3.2	3.78	84.6	4.8	2.6	51.8	5.9	6.3	106.3
469	S. A. M. A.	Arnhem Bay.	do.	3.6	63.5	43	2.9	3.22	3.78	86.2	4.6	2.6	56.2	6.4	6.7	104.7
198	do.	Anson Bay.	do.	8.9	71.5	48.5		3.25	4.05	80.3	184.55	2.85	53.8	0	6.2	103.5
			do.	3.05	3.8	3.8		3.05	3.8	80.3	184.55	2.6	57.1	5.5	5.6	101.8

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 53.

NORTHERN TERRITORY CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
17088	N. M. M.	.....	Adult	8.8	69	51	2.8	3.35	3.52	95.2	14.6	2.65	57.6	6.2	106.9
17086	do.	.....	do.	8.8	69	51	3.1	3.25	3.9	85.3	4.7	2.5	63.2	6.4	108.2
16118	do.	.....	do.	9.8	65.5	55	3.4	3.4	3.75	90.7	4.75	2.75	67.9	6.2	108.8
147	S. A. M. A.	.....	do.	.....	.....	.....	.....	3.08	3.55	86.8	4.35	2.7	62.1	5.7	108.8
71	do.	Port Darwin	do.	9.2	65	48	.....	3.08	3.92	78.6	4.35	2.5	57.5	6.2	98.4
206	do.	Anson Bay	do.	9.2	70.5	51	.....	3.3	3.75	88	18.4	2.6	65.9	5.9	107.4
148	do.	.....	do.	.....	.....	.....	.....	3.1	3.62	85.6	4.3	2.5	68.1	6.3	106.8
A5115	A. M. S.	Melville Island	do.	8.6	68.5	46.5	.....	3.12	3.8	82.1	18.4	2.4	68.5	6.3	106.8
16375	N. M. M.	.....	do.	9.6	68.5	47	.....	20	3.8	81.6	4.6	2.4	68.5	6.3	101.7
15989	do.	Hasan River	do.	8.8	70	51	.....	3.35	3.85	87	18.5	2.8	69	6.2	96.9
153	S. A. M. A.	Melville Island	do.	8.8	77	63	3.1	3.35	3.4	89.5	18.5	2.8	67	6.5	108.3	
379	do.	.....	do.	9	77	63	2.6	3.15	3.7	85.1	4.1	2.8	67	6.1	107.1
179	do.	Anson Bay	do.	8.2	68	.....	3.4	3.4	3.62	93.9	4.35	2.4	55.2	6.8	119.6
76	do.	.....	Adolescent	8.7	69.5	53	.....	3.18	3.62	83.8	4.55	2.5	66	6.6	125.9
• 11448	do.	Melville Island	Adult	8.6	65	49	3.45	3.98	3.8	88.9	4.9	2.5	66	6.6	109.7	
228	do.	.....	do.	8.8	64.5	51	3.15	3.72	86.5	4.5	2.4	2.4	59.5	5.6	105.7
16130	N. M. M.	Port Darwin	do.	8.6	73	52.5	2.75	3.18	3.72	85.5	18.4	2.55	69	6.3	123.5	
146	S. A. M. A.	.....	do.	8.6	.....	.....	.....	3.25	3.65	89.6	18.4	2.55	61.6	6.3	123.5
212	do.	Borrooloola	do.	8.8	.....	.....	.....	3.45	3.85	89.6	18.4	2.4	51.1	6.3	103.3
16128	N. M. M.	.....	do.	9	64	48	.....	3.4	3.78	90	18.4	2.6	60.5	6.5	106.6
73	S. A. M. A.	Near Southport	do.	8.8	67	41	.....	3.2	3.85	83.1	18.4	2.5	53.8	6.1	108.8
16107	N. M. M.	.....	do.	8.8	68.5	49	2.8	3.35	3.6	93	18.4	2.4	50	6.2	108.8
16365	do.	.....	do.	9.1	65	54	3.2	3.15	3.5	90	18.4	2.5	55.6	6.3	105
16118	do.	.....	do.	9.2	60.5	44.5	3	2.85	3.6	79.2	18.4	2.65	67.1	6	108.3
187	S. A. M. A.	Anson Bay	do.	9	72	50.5	2.9	3.42	3.72	91.9	18.4	2.65	67.1	6.6	108.3	
200	do.	do.	do.	8	69.5	46.5	3.15	3.5	3.8	92.1	18.4	2.6	56.7	5.8	113.8	
408	do.	Arnhem Bay	do.	8	66	47	3	3.55	3.9	91.1	18.4	2.55	57.3	6.2	106.9	
16376	N. M. M.	.....	do.	9.3	68.5	40	.....	3.18	3.8	85.7	5	2.6	62.3	6.2	106.9
215	S. A. M. A.	Borrooloola	do.	8.5	67	49	.....	3.38	3.78	89.4	4.6	2.4	62.2	6.3	103.2
16360	N. M. M.	.....	do.	9.1	69	47.5	3.2	3.38	3.7	89.4	4.8	2.9	60.4	6.3	108.6
16131	do.	Port Darwin	do.	9.1	62	43	2.95	3.48	3.9	87.2	18.5	2.75	63.9	6.6	103.3	
442	S. A. M. A.	Melville Island	do.	8.8	.....	.....	.....	3.2	3.95	81	4.8	2.75	57.3	6.6	110

18508	N. M. M.	Pine Creek	do.	8.8	65.5	41	2.8	3.3	3.85	85.7	4.7	2.65	56.4	5.7	6.5	114
16366	do.	do.	do.	8.7	65.5	46	2.8	3.25	3.55	91.6	4.3	2.6	60.5	5.4	5.8	107.4
65	S. A. M. A.	Gulf of Carpentaria	do.	8.4	70	47.5	2.8	3.5	4.61	86.4	4.8	2.55	53.1	5.6	6.4	103.2
128	do.	Melville Island	do.	9.4	68.5	50	2.8	3.32	3.68	91	18 4.7	2.6	53.1	5.6	6.2	110.9
/ 16124	N. M. M.	do.	do.	8.8	68.5	46	2.8	3.25	3.68	88.5	18 4.7	2.25	47.9	5.6	6.1	108.9
15	S. A. M. A.	Near Southport	do.	8.1	67	40.5	3	3.4	3.95	86.9	4.65	2.4	51.6	6.1	6.7	101.7
16382	N. M. M.	do.	do.	9.3	65	51.5	3	3.38	3.8	88.9	1 4.6	2.7	58.7	5.9	6	109.8
173	S. A. M. A.	do.	do.	8.8	69	59	2.7	3.3	3.8	89.7	18 4.4	2.2	60	5.5	6	109.1
16364	N. M. M.	Port Darwin	do.	8.8	73	46	2.7	3.45	3.68	89.7	4.9	2.9	59.2	5.7	6.5	114
169	S. A. M. A.	do.	do.	8.6	64.5	47	3.3	3.4	3.75	90.7	4.8	2.8	58.3	5.8	5.8	100
16363	do.	do.	do.	8.9	65.5	30	3.3	3.2	3.55	90.2	4.25	2.7	63.5	6	6.1	101.7
16371	N. M. M.	do.	do.	8.8	70	52	2.75	3.22	3.7	87	4.55	2.35	54	5.5	6.4	110.9
397	do.	do.	do.	9	66.5	45.5	3.25	3.58	3.85	93	4.95	2.55	51.5	5	6.4	106.7
16124	S. A. M. A.	Melville Island	do.	9	68	61.5	2.7	3.1	3.7	83.8	4.1	2.45	59.8	5.4	6.2	114.8
13	do.	Southport	do.	8.5	66	49.5	2.7	3.45	3.8	90.8	4.7	2.3	48.9	5.8	6.4	110.3
			but all 3 molars erupted.													
426	do.	Melville Island	Adult	8.4	72	51	2.75	3.32	3.75	88.5	4.55	2.55	56	5.3	6.3	118.9
o 445	do.	Burrundi	do.	9.3	65.5	48.5	3.2	3.5	3.7	94.6	4.6	2.75	59.8	5.9	6.2	106.1
12	do.	Pine Creek	do.	8.8	65	46	3.2	3.1	3.98	77.9	4.5	2.55	56.7	6	6.2	103.9
145	do.	do.	do.	9	68	44.5	2.9	3.2	3.55	90.2	4.8	2.4	60	5.5	6	109.1
199	do.	Anson Bay	do.	8.6	70.5	40.5	2.9	2.98	3.72	80.1	4.25	2.75	61.7	5.7	6.5	115.8
192	do.	do.	do.	8.9	68.5	48.5	2.95	3.1	3.6	86.1	4.55	2.55	58.6	5.8	6.5	112.1
16129	N. M. M.	Port Darwin	do.	8.9	69	50	2.9	3.08	3.62	82.1	4.25	2.6	61.2	5.5	5.8	105.4
204	S. A. M. A.	Anson Bay	do.	8.8	68	48	3.25	3.38	3.8	88.9	18 4.75	2.45	51.6	5.7	5.6	98.2
Totals				(77)	(66)	(65)	(61)	(76)	(78)	(78)	(76)	(76)	(76)	(70)	(70)	(60)
Averages				87.7	68.7	48	124.55	255.92	283.18	349.35	349.35	195.75	402.8	441.5	441.5	198
Minima				8.89	67.6	39	3.04	3.28	3.76	87.2	4.6	2.58	56.1	5.84	6.31	106
Maxima				9.8	77	63.5	3.45	3.6	4.05	95.7	5.1	2.95	67.1	6.6	6.9	125.9

* Tall female.

† Looks somewhat "boyish," but probably female.

‡ Somewhat male-like, but female.

§ Most probably female.

• Pelvis surely female.

NOTE.—For footnotes to reference figures see p. 3.

† Mixed blood (?).

‡ Massive.

§ Nasal bones abnormal; prominent intranasal shelves.

• Nasal wall thick, but outer line indistinct.

† Asymmetrical.

* Not fully developed.

† Moderate intranasal shelves.

‡ Teeth not shovel-shaped.

VICTORIA CRANIA
FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	$\frac{\text{Facial Index, total}}{c} \left(\frac{A \times 100}{c} \right)$	$\frac{\text{Facial Index, upper}}{c} \left(\frac{B \times 100}{c} \right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
• 13316	N. M. M.	Loddon	Adult	19.2	12.4	12.9	65.5	82.2	14.71	-----	7.1	12.7	-----	55.9	10.7	10.1
• 18505A	do	Kooga	do	18.2	12.6	13	65.6	81.8	14.93	-----	6.5	13	-----	60	11.3	10.1
14320	do	Yalca	do	18.1	12.2	12.5	67	82.2	14.30	19 11.9	7.5	12.7	93.7	69.1	9.9	9.7
39	A. L. M.	-----	Near adult	18.1	12.2	12.3	67.8	81.5	14.47	9 10.1	6	11.7	86.3	51.3	9.2	9.1
69	do	-----	Adult	18	12.2	13.2	67.8	87.4	14.47	-----	6.2	12.6	81	51.7	10.1	9.7
18332A	N. M. M.	Lako Boga	do	18.3	12.4	13.4	67.8	88.7	14.53	7 10.2	6.5	12.6	88.1	51.6	10.5	10.5
13301	do	Lower Murray River	do	18.7	12.8	13.6	68.4	79.8	14.80	7 11.1	6.3	12.6	-----	50	9.9	9.5
95	A. L. M.	-----	do	18.4	12.6	12.6	68.4	83.2	14.70	-----	7	12.8	-----	54.7	10.2	10.1
18499	N. M. M.	Koondrook	do	18.4	12.6	12.9	68.5	83.2	14.63	2 10.8	6.8	12.5	86.4	54.4	10.1	10.4
15954	do	Warrnambaol	do	18.4	12.6	12.8	68.5	82.6	14.60	-----	6.9	11.9	-----	49.9	9.5	9.3
84	A. L. M.	-----	do	18	12.4	13.2	68.9	86.8	14.53	-----	7.1	11.9	-----	50.7	10.4	9.9
16997	N. M. M.	Modewarre	do	18	12.4	12.9	68.9	84.9	14.43	29.6	6.3	12.2	78.7	51.6	10.7	10.2
12745	N. M. M.	-----	do	18.4	12.7	12.8	69	82	14.63	10 10.2	7	12.2	83.6	57.4	10	9.7
13312	do	Wimmera	do	18.4	12.7	13.2	69	84.6	14.77	-----	6.4	12.6	-----	50.8	10.5	9.9
28862	do	Gunbower Island	do	18.2	12.6	12.5	69.2	81.2	14.43	-----	6.7	12.9	-----	51.9	10.3	9.8
13018A	do	Hamilton	do	17.6	12.2	12.2	69.4	81.9	14	7 10.2	6.2	11.8	86.4	52.5	10.3	9.8
• 72	A. L. M.	Near Koondrook	do	18.7	13	13.5	69.5	84.2	15	9 11.3	6.9	11.8	95.8	54	10.6	9.9
A10798	A. M. S.	-----	do	18.2	12.7	13.3	69.8	83.1	14.57	-----	6.4	12.8	-----	50	10.6	9.9
96	A. L. M.	-----	do	18	12.6	12.4	70	81	14.33	-----	6.7	-----	-----	-----	10.1	10
13308	N. M. M.	Wimmera	do	18	12.6	13	70.3	85	14.53	2 10.4	6.8	13.5	79.4	51.9	10.5	10.1
• 40	A. L. M.	-----	do	18.5	13	12.9	70.3	81.6	14.80	-----	6.7	12.8	-----	52.3	10.3	9.8
• 18498	N. M. M.	Koondrook	do	18.7	13.2	13.8	70.6	86.2	15.23	4 9.8	5.8	12.8	76.6	45.3	10.3	9.7
S1390	A. M. S.	-----	do	18.1	12.8	11.3	70.7	73.4	14.07	-----	6.5	-----	-----	-----	10.3	9.2
12858A	N. M. M.	Near Kerang	do	18.1	12.8	12.8	70.7	83.1	14.57	2 10	6.5	12.5	79.4	51.6	10.5	10

13	A. L. M.	do	18	12.8	12.4	71.1	80.5	14.40	6.7	12.9	51.9	10.3	9.9
15109	N. M. M.	do	18	12.8	13	71.1	84.4	14.60	10 10.3	12.5	53.6	10.3	10.3
• 13311	do	do	18, 6	13.4	13.4	72	83.8	15.13	4 10.9	12.9	52.7	9.9	9.9
54	A. L. M.	do	18	13	13.2	72.2	85.2	14.73		13.3		10	10
13011A	N. M. M.	do	17.6	12.7	12.0	72.2	84.9	14.40	9 9.8	12.3	49.6	10.6	9.9
57	A. L. M.	do	18	13	12.7	72.2	81.9	14.57	7.1	12.6	56.4	10.4	10.1
13020	N. M. M.	do	17.6	12.7	12.9	72.2	84.9	14.40	7 10	12.5	47.2	9.4	9.6
A10800	A. M. S.	Elderly adult.	18.4	13.3	12.7	72.5	80.4	14.80					9.5
13299	N. M. M.	Adult.	18.4	13.3	12.2	72.5	77.2	14.63	10 9.6	12.9	49.6	9.8	9.5
16217	do	do	17.9	13	13.4	72.6	87	14.77	6.5	12.9	50.4	9.8	10
13016A	do	do	18.3	13.3	12.2	72.7	77.2	14.60	2 9.9	12.8	47.7	9.6	8.9
37	A. L. M.	do	17.3	12.6	11.8	72.8	78.7	13.90	6.4	12.3		9.4	9.6
• 12928	N. M. M.	do	18.6	13.6	13	73.1	80.8	15.07	10 10.9	13.4	53	10.8	10.4
73	do	do	17.2	12.6	11.6	73.3	77.8	13.80	6.5	12.2	53.9	9.2	9.3
41	A. L. M.	do	17.2	12.7	13	73.8	86.7	14.30	9 10.6	11.5	56.5	9.0	9.8
47	do	do	17.6	13	12.4	73.9	81	14.33	6.1	12.1	50.4	9.5	9.4
• 17749	N. M. M.	do	18.4	13.6	13.2	73.9	82.5	13.07	6.8	12.6		10.8	10.7
12	A. L. M.	do	18.1	13.4	12.7	74	80.4	14.73	6.9	12.6	54.8	9.9	9.9
10	do	do	18	13.4	14	74.4	89.2	15.13	7	12.8	54.7	9.9	10.2
• 19	do	do	18.8	14	12.2	74.5	74.4	15	0 6.6	13	50.8	10.3	9.7
4 16210A	N. M. M.	do	18.4	13.7	13.2	74.5	82.5	15.10	2 11.7	13.4	56.7	10.6	10.3
12310	do	do	17.6	13.2	11.8	75	76.6	14.20	2 9.9	12.3	54.5	9.8	9.2
• 13302	do	do	17.8	13.4	13.6	75.3	87.2	14.93	9 11.1	13.6	48.5	10.1	10.2
15	A. L. M.	do	17.2	13.2	13	76.7	85.5	14.47	6.2	12.7	48.8	9.7	9.5
Totals			(49) 888.7	(50) 630.5	(49) 628.1	(49) 771	(49) 53.7	(49) 14.61	(49) 303.4	(51) 553.8	(49) 466.4	(49) 482.4	9.84
Averages			18.14	12.87	12.82	74	73.4	13.80	6.6	12.59	52.5	10.14	9.8
Minima			17.2	12.2	11.3	65.3	73.4	13.23	3.8	11.5	43.3	9.2	8.9
Maxima			19.2	14	14	76.7	85.2	15.23	7.6	13.6	59.7	11.3	10.7

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 57.

VICTORIA CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion Subnasal Pt.	Racial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
• 13316	N. M. M.	Loddon	Adult	9	65.5	46	---	3.25	19	83.8	4.6	2.8	60.9	6.4	9.4	100
• 18505A	do	Koonga	do	9.6	62.5	42.5	---	3.15	3.9	80.8	18 4.2	2.9	59	6	6.4	110
14320	do	Yalca	do	8.4	66.5	51	3.95	3.45	3.85	89.6	18 4.8	2.9	62.1	6	6.7	110
30	A. L. M.	do	Near adult	8.3	70	56.5	3	3.22	3.65	88.2	4.2	2.5	60.7	5.5	6.6	121.8
69	do	do	Adult	8.8	68.5	45	---	3.22	3.75	89.9	18 4.45	2.7	59.5	5.6	6.3	119.5
18332A	N. M. M.	Lake Boga	do	9.4	72	53.5	3	3.4	3.75	90.7	18 4.55	2.7	60.7	6.1	6.4	104.9
13301	do	Lower Murray River	do	8.8	68	54	3.35	3.18	3.5	90.8	• 4.25	2.6	60.7	5.7	6.3	110.5
85	A. L. M.	do	do	9	69.5	52.5	---	3.42	3.75	91.2	4.9	2.55	52	5.1	6.5	106.6
18499	N. M. M.	Koondrook	do	9	73	51.5	3.2	3.4	3.6	94.4	18 5	2.4	48	5.6	6.1	108.9
15954	do	Warrnambal	do	8.4	70	50	---	3	3.45	87	4.15	2.4	57.8	6.2	6.3	101.6
84	A. L. M.	do	do	9	66	50.5	---	3.55	3.75	94.7	4.7	2.65	56.4	6.1	6.5	106.6
16997	N. M. M.	do	do	9.6	68	54	3	3.25	3.8	85.5	4.25	2.6	61.2	6.1	6.2	107.1
12745	do	Modewarre	do	8.7	67	53.5	---	3.55	3.85	92.2	18 4.5	2.3	51.1	5.6	6	115
13312	do	Wimmera	do	9.2	67	48	3.2	3.35	3.9	85.9	4.4	2.7	61.4	6	6.9	115
28862	do	do	do	9.2	66.5	54	---	3.22	3.9	80.5	4.6	2.7	53.3	5.8	6.3	108.6
12963	do	Gunbower Island	do	9.1	68	51.5	3.2	3.2	3.65	87.7	4.15	2.75	66.3	5.8	6.4	110.8
13018A	do	Hamilton	do	9.1	68	51.5	3.2	3.2	3.7	81.1	4.3	2.75	67	6.1	6.2	101.9
• 72	do	Near Koondrook	do	9.3	65	53	3.5	3	3.7	81.1	4.3	2.75	67	6.1	6.2	101.9
A. L. M.	do	do	do	9	71.5	55	3.5	3.42	4	86.6	18 4.45	2.7	54	6.1	6.7	109.8
A10798	A. L. M.	do	do	9.2	66	45.5	---	3.7	4	91.4	18 4.45	2.55	57.3	5.9	6.4	108.5
96	A. L. M.	do	do	9.2	66	45.5	---	3.28	3.68	89.1	4.85	2.5	51.6	6	6.1	101.7
13308	N. M. M.	Wimmera	do	8.8	70	47.5	3.3	3.5	3.95	88.6	4.5	2.5	56.6	6	6.2	101.6
• 40	do	do	do	8.7	67.5	47.5	3.3	19	3.95	86.1	4.8	2.5	54.2	6.1	7	116.7
• 18498	A. L. M.	do	do	8.7	67	40	---	2.95	3.65	80.8	18 4.15	2.7	65.1	5.9	6.6	111.9
S1390	N. M. M.	Koondrook	do	9	67.5	42.5	2.95	3.35	3.7	90.5	18 4.55	2.35	51.7	5.6	6.4	114.3
12858A	N. M. M.	Near Kerang	do	8.6	67.5	42	2.8	3.25	4	81.2	4.7	2.8	59.6	6.2	6.7	108.1

13	A. L. M.	do.	9.1	67.5	82	3.4	3.22	3.85	83.6	4.6	2.65	67.6	6	6.9	115
15109	N. M. M.	Near Chatsworth	8.8	72	44.5	3	3.15	3.7	93.2	4.9	2.68	51.6	5.7	6.3	110.5
• 13311	do.	Bream Creek	9.2	70	66	3	3.32	3.72	89.2	4.4	2.6	66.6	5.6	6.5	116.1
54	A. L. M.	do.	9.2	66.5	41.5	2.8	3.35	4	83.8	4.4	2.7	69	5.8	6.2	106.9
13011A	N. M. M.	Near Koondrook	9.3	66.5	51.5	3.2	3.2	3.75	86.4	4.5	2.7	68.1	3.9	6.6	111.9
57	A. L. M.	do.	9	67.5	51.5	3.2	3.2	3.8	84.2	4.5	2.3	51.1	5.4	6.1	113
13020	N. M. M.	Near Koondrook	8.4	74	46.5	2.95	3.42	3.75	91.2	4.5	2.3	51.1	5.4	6.1	113
A10800	A. M. S.	Elderly	8.4				3.7	3.55	95.9	13.47	2.55	54.2			
13299	N. M. M.	Loddon	8.8	68.5	50	2.9	3.5	3.8	92.1	4.8	2.7	66.2	5.8	6.3	108.6
16217	do.	Near Ararat	8.8	72.5	56		3.55	3.9	91	4.55	2.55	66	5.6	6.8	121.4
13016A	do.	Near Koondrook	8.2	64.5	43	2.9	2.9	3.8	76.3	4.2	2.7	61.3	5.5	6	109.1
37	A. L. M.	do.	8.4	72	52.5		3.3	3.5	94.3	14.65	2.5	63.8	5.3	6.1	115.1
• 12928	N. M. M.	Frankston	3.4	67.5	51	3.3	3.25	3.75	86.7	13.4.65	2.65	67.5	6.1	6.7	109.8
41	A. L. M.	do.	8.2	70	49	3.2	3.4	3.8	89.6	13.4.95	2.6	62.5	5.1	6	117.6
73	do.	do.	8.6	70	46.5	3.2	3.3	3.58	92.2	13.4.7	2.55	64.2	5.9	6.4	108.5
47	do.	do.	8.4	70.5	50.5		3.45	3.75	92	13.4.35	2.35	64	5.2	5.9	113.5
• 17749	N. M. M.	San Remo	9.6	71	54.5		19	3.9	89.7						
12	A. L. M.	do.	8.8	69.5	54.5		3.42	3.78	90.5	7.4.8	2.5	62.1	5.8	6.4	110.3
10	do.	do.	8.8	72	54		3.45	3.7	92.2	5.05	2.65	62.5	5.5	6.1	110.9
619	do.	do.	9.4	66	52.5		3.18	3.65	87.1	13.5.05	2.65	62.5	5.9	6.5	110.2
• 16210A	N. M. M.	do.	9.2	67	49.5	3.15	3.75	3.9	96.2	13.5.3	2.55	68.1	6.2	6.2	100
12810	do.	Near Donald	8.4	64.5	47.5	2.9	3.52	3.82	92.1	13.4.5	2.6	67.8	5.7	6.2	108.8
• 13302	do.	Rudy Creek	9.3	72	58	3.1	3.22	3.7	87	4.95	2.85	67.6	5.8	7	120.7
15	A. L. M.	do.	8.6	69.5	55		3.4	3.55	95.8	13.1	2.25	66.2	5.3	5.8	109.4
Totals	do.	do.	(40) 436.5	(43)	(45)	(49) 78.25	(49) 103.61	(49) 184.73	(49)	(49) 220.35	(49) 124.05	(43)	(44)	(44)	(40)
Averages	do.	do.	8.91	68.5	50	3.15	3.54	3.77	88.6	4.69	2.68	66.2	5.81	6.59	110
Minima	do.	do.	8.2	62.5	40	2.8	2.9	3.45	76.3	4	2.25	48	5.1	5.8	100
Maxima	do.	do.	9.6	74	66	3.95	3.75	4.05	96.2	5.3	2.9	69	6.4	7	121.8

(1) Surely female.
 (2) Full-blood; surely female.
 (3) Complete metopic suture.
 (4) Somewhat made-like, but malars, zygomae, mastoids, lower-jaw and parts of skeleton indicate female.
 (5) Moderate intranasal shelves.
 / Asymmetrical

NOTE.—For footnotes to reference figures see p. 3.

NEW SOUTH WALES CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
37	A. L. M.	.....	Adult.....	18.7	12	13.7	66.7	91.8	14.57	.....	6	12.4	.....	47.6	10.1	9.5
12614	N. M. M.	Pooncarie.....	do.....	18.7	12.5	12.9	66.8	82.7	14.70	.....	6.3	12.4	.....	50.8	10.5	10.3
67	A. L. M.	.....	do.....	18.9	12.8	12.4	67.7	78.5	14.70	.....	7.3	13.1	.....	65.7	11.1	10.1
621	A. L. S.	Fort Jackson.....	do.....	18.2	12.4	13	68.1	85	14.53	.....	6.4	12.5	.....	51.2	10.2	10.2
8055	A. L. S.	.....	do.....	17.7	12.1	12.3	68.6	82.6	14.03	.....	6.6	12.5	.....	51.2	10.6	10
1	A. L. M.	.....	do.....	18.5	12.7	12.2	68.6	78.2	14.47	.....	6.4	12.5	.....	51.2	10.2	7.7
S1613	A. L. M.	Newcastle.....	do.....	18.2	12.5	13.1	68.7	85.1	14.60	.....	8.5	12.2	.....	47.5	9.4	9.6
S965	A. M. S.	Darling River.....	do.....	18.6	12.8	12.9	68.8	82.2	14.71	.....	(9)	12.7	.....	65.7	9.8	8.1
A1175	do	.....	do.....	18	12.4	13.2	68.8	86.8	14.53	10.5	6.8	12.2	86.1	65.7	10.3	9.8
210	S. A. M. A.	Albemarle, Menindie.....	do.....	18.5	13	12.2	70.3	81	14.27	.....	7.1	13	82.8	50	10.2	10.2
13	A. L. M.	.....	do.....	18.2	12.8	13.4	70.3	86.4	14.80	7 10.7	6.4	12.3	.....	52	10.2	10.3
890	A. L. S.	Newcastle.....	do.....	17.6	12.4	12.6	70.4	84	14.20	.....	6.5	12.7	.....	46.5	10	10
S1615	A. M. S.	.....	do.....	18	12.7	13.1	70.6	85.1	14.60	.....	5.9	12.7	.....	55.1	10.8	10.1
38	A. L. M.	Mudgee.....	do.....	18	12.8	12.6	71.1	81.8	14.63	.....	7	12.7	.....	48.3	9.4	9.8
1179	A. L. S.	.....	do.....	18.2	13	12.6	71.4	80.8	14.60	.....	5.6	13.4	.....	52.8	10.1	9.3
12724	N. M. M.	Cowra.....	do.....	18.2	13	13.6	71.4	87.2	14.93	10.4	(9)	13.4	77.6	52.8	10.1	9.3
• 16995	A. M. S.	Denitquin.....	do.....	19	13.6	12.8	71.6	78.5	15.13	.....	6.8	13.6	87.3	54.8	10.6	9.6
A47	N. M. M.	Moorna.....	do.....	18	12.9	12.1	71.7	78.6	14.33	7 11	6.9	12.5	86.6	52.2	10.3	9.6
431	S. A. M. A.	.....	do.....	18	12.9	13.1	71.7	85.1	14.57	10.7	5.8	12.2	77.9	47.5	9.4	9.3
28	A. L. M.	Wellington Caves.....	do.....	17.2	12.4	12.4	72.1	83.8	14	4.5	5.8	12.2	77.9	47.5	9.4	9.8
A1193	A. M. S.	.....	do.....	18.6	13.5	13.6	72.6	85	15.23	.....	6.7	13.3	.....	48.9	9.9	9.8
618	A. L. S.	Near Sydney.....	do.....	18.6	13.5	12.4	72.6	77.5	14.83	.....	6.7	12.6	.....	53.2	10.3	10
11963	A. M. S.	Yass district.....	do.....	17.9	13	13.2	72.6	85.7	14.70	10.8	9.7	11.6	93.1	57.8	10	10

S1614	do	17.6	12.8	72.7	85.5	14.47	6	12.3	43.8	9.8
1185	do	18.4	13.6	72.8	85.5	15.13	6.2	13.1	47.8	10.2
1196	do	18	13.4	72.8	85.5	14.63	13 6.3	12.6	47.9	9.8
126	do	17.8	13.1	72.8	84.4	14.60	6.5	13.8	47.1	10.2
A11776	A. L. M.	17.8	13	73	84.4	14.80	9 9.8	11.1	83.3	9.8
33	Just adult	18.2	13.6	73.1	86.5	14.90	6.4	13.1	48.8	9.8
B7065	A. M. S.	18.2	13.3	73.1	84.1	14.90	6.4	13.1	48.8	9.9
S1616	A. M. S.	17.7	13.2	73.3	84	14.77	19 6.5	12.5	52	9.4
39	do	17.7	13	73.4	83.8	14.53	6	11.9	50.4	9.4
40	do	17.7	12.9	74	81.8	14.47	10.9	12.8	53.1	9.9
1197	S. A. M. A.	17	12.6	74.1	86.5	14.13	10.3	12.1	53.7	9.5
24	do	17.7	13.2	74.6	87	14.77	13	13	46.9	10.2
1311	A. M. S.	18	13.5	75	85.4	15	13 6.1	12.7	83.5	9.5
S1157	A. L. S.	17.3	13.1	75.1	86.2	14.47	9 6.8	12.1	56.2	10.5
1201	Near adult	18.3	13	75.5	87.2	14.27	6	12.6	47.6	9.8
A11902	A. M. S.	17.4	13.4	77	82.7	15.27	8 10 6.2	13.2	47	9.3
1173	do	17.4	13	77	84.4	14.60	6.3	12.2	47	9.4
S1398	Yass District	17.8	13.4	78.6	81.8	14.93	6.2	12.4	51.6	9.4
14	do	17	13	78.8	81.8	14.93	6.2	12.4	50	9.6
S1612	Cooke Creek	17	13.4	78.8	81.8	14.93	6.2	12.4	50	9.6
17	do	17	13.5	72.4	89.5	14.70	6.3	12.8	48.4	9.6
17	do	17	13.5	72.4	89.5	14.70	6.3	12.8	48.4	9.6
Totals	(41)	790.5	(42)	558	(43)	187	(40)	(41)	(42)	(43)
Averages	17.96	570.4	12.98	558	187	10.89	256.4	515.3	382	419.2
Minima	17	12.96	72	83.9	14.64	9.5	6.41	12.57	51	10.05
Maxima	19	14.1	13.1	66.7	77.5	14	5.6	11.1	76.6	8.8
			13.7	79.4	91.3	15.27	7.3	13.8	93.1	11.1
									57.8	10.3

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 61.

NEW SOUTH WALES CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$	
37	A. L. M.	.....	Adult	8	67	44	.....	3.55	3.85	92.8	4.3	2.5	58.1	5.8	9	108.4
12614	N. M. M.	Pooncarie	do	8	70.5	45.5	.....	3.62	3.82	94.8	4.8	2.6	54.2	5.8	9	116.6
57	A. L. M.	.....	do	9	63	45	.....	3.2	3.7	85.6	4.8	3	62.5	6.3	6.6	106.8
621	A. L. S.	Fort Jackson	do	9	72	51.5	.....	3.18	3.8	83.7	4.8	2.55	53.1	6	6.4	106.7
8055	A. M. S.	.....	do	9	66.5	59.5	.....	3.65	3.72	82	4.8.5	2.4	68.6	6	6.6	110
1	A. L. M.	.....	do	9	67	57	.....	3	3.7	81.1	18	2.4	53.8	6.2	6.5	104.8
S1613	A. M. S.	Newcastle	do	8	69	50	.....	3	3.5	85.7	4.2	2.3	64.8	5.3	9.6	124.5
S965	do	Darling River	do	8	69	50	.....	3.45	3.75	92	4.85	2.85	58.8	5.3	9.6	124.5
All1775	do	Cobar	do	8	70	58.5	3.3	3.2	3.85	83.1	4.6	2.6	56.5	5.8	6.6	118.8	
210	S. A. M. A.	Albemarle, Menindie	do	8	62.5	43.5	.....	2.9	3.7	78.4	4.55	2.8	61.5	6.3	6.3	105
13	A. L. M.	.....	do	9	68	48.5	.....	3.25	3.75	86.7	5.05	2.7	53.6	6.1	6.5	108.6
890	A. L. S.	.....	do	9	72.5	58	2.9	3.2	3.85	83.1	4.85	2.6	53.6	5.7	6.5	114
S1615	A. M. S.	Newcastle	do	9	68	49.5	.....	2.95	3.5	84.3	4.55	2.55	66	5.9	6.1	103.4
1179	A. L. M.	.....	do	9	73	53	.....	3.32	3.75	88.6	.....	.....	66	5.9	6.7	113.6
18497	A. M. S.	Mudgee	do	9	65.5	52	3.35	3.1	3.55	87.5	4.5	2.8	62.2	5.5	6.7	121.8	
12724	N. M. M.	.....	do	9	66.5	49.5	.....	3.05	3.7	82.4	18	4.95	68.6	6.2	6.6	106.4
447	do	Cowra	do	8	69.5	49.5	3.4	3	3.8	79	4.7	2.3	66.8	5.4	6	111.1	
e16995	A. M. S.	Denliquin	do	8	63.5	46	.....	3.4	3.9	87.2	4.7	2.5	53.2	.....	.....	.....
481	N. M. M.	Moorna	do	8	62.5	44	3.1	3.75	82.7	18	4.6	2.7	53.7	5.9	7	118.6
283	S. A. M. A.	do	8	64.5	49	3.4	3.52	3.85	91.4	18	4.65	2.75	59.1	6.4	6.9	107.8
All1961	A. M. S.	Wellington Caves	do	8	71	48.5	2.75	3.22	3.55	90.7	4.6	2.55	55.4	6.2	6.1	98.4	
95	A. L. M.	.....	do	8	70	55.5	.....	3.12	3.7	87.3	4	2.4	60	5.3	6.2	117
618	A. L. S.	Near Sydney	do	9	68.5	44	.....	3.32	3.98	87.4	4.75	2.5	52.6	5.8	6.3	108.6
11963	A. M. S.	Yass District	do	8	70.5	52.5	3.3	3.38	3.8	88.9	4.85	2.55	52.6	6.3	6.4	101.6	
			do	8	70.5	52.5	.....	3.18	3.7	86.9	4.6	2.6	56.5	5.8	6.7	116.6

QUEENSLAND CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
15225	A. M. S.	Mapoon	Adult	19	12	12.3	69.2	76.4	14.43	10.10	6.3	12.4	88.1	69.8	10.1	9.7
15226	do	do	do	18	12.2	12.9	64.9	83.2	14.63	29.8	6.2	12	81.7	61.7	9.9	9.6
15236	do	Carandottia	do	17.9	11.9	12.8	69.5	85.9	14.90	41.1	6.8	12.3	90.2	55.2	10.3	9.8
15205	do	do	do	19	12.7	13.1	66.8	82.9	14.93		6.3	13		48.5	10.4	10.1
886	A. L. S.	Between Starcke and Jeanne Rivers.	do	17.2	11.6	12.2	67.4	84.7	13.67		6.3	12.1		52.1	10.3	9.7
1247	do	Cape York Peninsula	do	18.6	12.6	13.7	67.7	87.8	14.97		(4)	12.2			10.3	9.5
15155	A. M. S.	Brisbane	do	18.1	12.3	12.6	68.2	82.9	14.33	40.1	(13)	12.8			9.4	9.4
15155	do	Roxburgh Downs	do	18.1	12.3	13.3	68.1	84.2	14.97		(36)	12.6			9.4	9.7
11444	S. A. M. A.	North Queensland	do	18.8	12.8	13.3	68.1	84.2	14.97			12.6			9.4	9.7
15204	A. M. S.	Between Starcke and Jeanne Rivers.	do	18.1	12.4	12.6	68.5	82.9	14.37		6.1	11.9		51.5	9.4	9.2
15227	do	Mapoon	do	18.8	12.9	12.8	68.6	81	14.83	11.5	6.7	12.9		54.3	10	9.4
15188	do	South Keppel Island	do	18.9	13	13	68.8	81.2	14.97	210.5	6.5	12.6		51.6	10.4	9.6
15220	do	Kuranda	do	18.6	12.8	12.4	68.8	79	14.60	109.6	5.9	11.8		60	9.6	9.5
15228	do	Normanton	do	18.0	12.2	13.6	69.5	91.8	14.37	43.8	6.2	11.6		84.6	9.8	9.4
19210	do	Melvor River	do	18.0	12.9	12.8	69.4	81	14.77	710.2	6.1	13.2		46.2	10	9.8
15160	S. A. M. A.	North Queensland	do	17.5	12.2	12.8	69.7	86.5	14.17	710.1	6.4	11.8		77.5	9.4	9.2
15160	do	Walgala	do	17.5	12.2	12.8	69.7	86.5	14.17	310.8	6.2	12.3		86.6	10.2	9.5
15180	A. M. S.	do	do	17.5	12.2	12.8	69.7	86.5	14.17	310.8	6.2	12.3		50.4	10.2	9.5
15180	do	do	do	17.5	12.2	12.8	69.7	86.5	14.17	310.8	6.2	12.4		87.1	9.4	9.4
B1765	do	Mount Cook	do	17.8	12.4	12.9	69.7	85.4	14.37		6.2	12.4		50	10.3	9.9
15202	do	do	do	17.3	12.1	12.2	69.9	83	13.87	109.6	6.5	12.1		58.7	10	9.4
15187	do	South Keppel Island	do	18	12.6	13.4	70	87.6	14.67	211.1	6.5	12.4		89.5	10.7	10.4
1228	do	Wide Bay	do	18.4	12.9	12.8	70.1	82.9	14.70	10.7	6.9	12.9		53.5	10.6	9.7
170	S. A. M. A.	do	do	18.5	13	12.6	70.3	79.8	14.70		6.4	12.9		53.5	10.4	10.5
1203	A. M. S.	Brisbane	do	17.6	12.4	12.8	70.4	85.5	14.27		6.2	12.6				9.3
15211	do	Melvor River	do	17.8	12.6	12.9	70.8	84.9	14.45	710.5	6.4	12.6			10.6	9.6
368	do	Russel River	do	17.8	12.6	13.4	70.5	88.2	14.60		6.5	13		50.8	10.7	10.2

1920	N. M. M.	do.	18	12.6	71.1	81.8	14.47	7.9.8	5.8.	12.2	89.3	47.5	9.9	9.8
15217	A. M. S.	Lower Mitchell River.	17.3	13.9	71.1	93.9	14.50	7.10.1	5.13 6.4	11.6	87.1	55.2	10.6	9.8
19827	N. M. M.	do.	18.4	12.1	71.2	76.6	14.53			12.7		52.8	9.9	9.6
15167	A. M. S.	South Keppel Island	17.7	12.6	71.2	84.9	14.40		6.7	12.1	78.5	48.8	10.6	10
15219	do.	Kuranda.	17.2	12.3	71.5	87.2	14.13	7.9.5	6.8	12.3	88.6	55.3	9.9	9.6
15233	do.	Riversleigh.	17.6	12.2	71.6		14.03	4.10.9	6.8	12.4	83.1	54.8	9.2	9.6
15194	do.	Mount Cook.	17.1	12.3	71.9	87.8	14.10	3.10.3	6.8	12.6	84.1	51.4	10.2	9.8
o 15162	do.	do.	17.8	12.8	71.9	87.6	14.67	10.6	5.7	11.9	81.5	47.9	9.8	9.5
10505	do.	^h Near adult	17.5	12.6	72.2	86.4	14.50	9.9.7	6	12	83.3	50	10.2	10.2
15182	do.	Adult.	18	13.4	72.2	86.4	14.80	9.10	6	12.4		48.4	9.2	9.4
7	A. J. M.	do.	18	13	72.6	84.4	14.63		6	12.2		64.1	10.1	9.7
1241	A. M. S.	Cape York.	17.9	13	72.7	85.5	14.47		5.5	12.5		44	9.9	9.5
367	do.	Russel River.	17.6	13	73	85.7	14.67		5.5	12.5		44	9.9	10.2
3241	do.	Northwest Queensland.	17.8	12.8	73.2	86.8	14.50	7.10.6	6.3	12.9	82.2	48.8	9.6	9.6
15191	do.	Murrumbidgee.	17.5	12.8	73.1	86.8	14.47	4.10.2	7	12.6	81	49.2	9.6	9.4
15238	do.	do.	17.9	12.7	73.2	89	14.47			12.5		49.6	9.7	9.8
15197	do.	do.	17.3	12.3	73.4	82	14.10		16.2	12.5	85.5	52	9.7	9.5
1236	do.	Near adult	17.6	13	74.4	84.4	14.57		6.6	12.7	87.6	55.8	9.8	9.4
15232	do.	Adult.	17.3	12.8	75.1	84.2	14.37	10.6	4.6	12.9	82.3	51.6	9.9	10.2
15233	do.	Mackay.	17.3	13.4	76.6	84.8	15	4.11.3	7.2	12.2	86.4	53.7	10	9.4
15900	do.	do.	17.9	13	76.9	86.7	14.30	9.10.9	6.3	12.5	86.4	53.7	9.2	9.6
15179	do.	do.	16.9	13	76.9	83	14.43	4.10.8	(19)	12.1	86	53.7	10	9.4
15235	do.	do.	16.5	13.3	77	89	14.07	9.10.4	5.8	12.1	86	53.7	10	9.3
* 15188	do.	do.	16.8	12.7	77.4	83.2	14.07	2.9.8	5.8	13	75.4	44.6	10.2	9.4
15240	do.	do.	17.2	12.4	77.4	83.2	14.07	2.9.8	6.5	12.1	87.6	53.7	9.4	9.3
15196	do.	Barren River	17.2	12.8	78.5	83.1	14.50	9.10.6	6.5	12.1	87.6	53.7	9.4	9.3
m 15229	do.	Cape York.	16.7	13.6	81.4	83.6	14.33		6.7	12.9		51.9	10.1	9.8
Totals.			907.5	(31)	646.4	(30)	14.33	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Averages			17.79	644	71.2	84.6	14.45	331.8	286.9	570.6	83.8	51.4	9.99	9.66
Minima			16.5	12	63.2	76.6	13.67	10.37	6.38	11.6	75.4	41	9.2	9.2
Maxima			19	13.7	81.4	93.9	15	11.5	7.2	13.2	90.2	55.8	10.7	10.5

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 65

QUEENSLAND CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion Subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
15225	A. M. S.	Mapoon	Adult	8.8	67	42	2.8	3.45	3.85	89.6	4.7	2.6	55.3	6.7	111.7	
15226	do	do	do	8.8	70	48	3	3.42	3.9	87.7	4.6	2.9	63	5.9	103.5	
15236	do	Carandotia	do	8.9	66.5	50.5	3.5	3.3	3.8	86.8	18 4.45	2.45	55	6	98.9	
• 15205	do	Between Starcke and Jeanne Rivers.	do	9.2	63.5	48.5		3.05	3.75	81.9	4.5	2.5	55.6	5.7	114	
886	A. L. S.	Cape York Peninsula	do	9.2	66.5	47		2.85	3.45	82.6	4.7	2.85	60.6	5.9	6.8	115.2
• 1247	A. M. S.	Brisbane	do	8.3				3.15	3.8	82.9	4.2	2.7	64.9	6	108.3	
• 15155	do	Roxburgh Downs	do	8.4			2.7	3.22	3.72	86.6	4.65	2.65	57	5 (5.9)	(107.3)	
• 11444	S. A. M. A.	North Queensland	do	9.1			1 (3.4)	3.55	3.75	94.7	18 4.7	2.7	57.4	6	111.1	
15204	A. M. S.	Between Starcke and Jeannie Rivers.	do	8	69.5	45.5		2.98	3.65	81.6	4.15	2.35	56.6	5.4		
• 15227	do	Mapoon	do	8.4	64.5	43	3.5	3.55	3.85	92.2	18 4.85	2.05	54.6	6	108.3	
• 15188	do	South Keppel Island	do	9	65	46.5	3.2	3.22	3.65	88.2	4.45	2.5	56.2	5.7	108.5	
15220	do	Kuranda	do	8.5	71	40	2.9	3.4	3.89	88.3	18 4.5	2.45	54.4			
15228	do	Normanton	do	8.5	69	43.5	2.8	3.25	3.89	88.3	4.45	2.9	65.2	5.0	116.1	
• 15210	do	Melvor River	do	8.8	70.5	47.5	3	3.5	3.7	94.4	4.35	2.95	60.9	5.5	110.9	
• 11412	S. A. M. A.	North Queensland	do	8.2	68.5	50	2.8	3.48	3.62	86.7	18 4.4	2.6	59.1	5.4	114.8	
15160	A. M. S.	Walgra	do	9.2	66	56	2.95	3.12	3.6	96.1	4.2	2.35	56	5.9	105.1	
15180	do	do	do	8.4			3.3	3.32	3.7	89.7	18 4.6	2.45	53.3	5 6.3	100	
B1765	do	do	do	9	69	44		3.12	3.72	83.9	4.5	2.8	62.2	6.1	108.2	
15202	do	Mt. Cook	do	8.2	65.5	38.5	2.9	3.35	3.85	87	18 4.4	2.45	55.7	6.1	103.3	
15187	do	South Keppel Island	do	9.6	70	53	3.4	3.25	3.68	88.9	4.6	2.6	56.5	5.8	106.9	
1228	do	Wide Bay	do	9.4	63.5	54		3.1	3.8	81.6	4.6	2.7	58.7	5.9	106.8	
170	S. A. M. A.	do	do	9.4	73	51	3	20 3.6	20 3.95	91.7	4.8	2.4	50.1	5.9	105.1	
1203	A. M. S.	Brisbane	do	8.4				2.92	3.75	85.5	4 4.3	2.5	58.1	6.3	103.2	
15211	do	Melvor River	do	9.2	63.5	49	3.5	20 3.2	20 3.75	77.9	4 4.8	2.65	64.6	6.5	103.2	
368	do	Russel River	do	9.6	68	51		3.28	3.75	87.5	4.7	2.8	59.6	6.5	112.1	

			8.8	8.5	72	50	3	2.8	3.15	3.32	3.5	90.8	18.4, 15	2.2	5.3	5.6	107.7
1920	N. M. M.	North Keppel Island.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15217	A. M. S.	Lower Mitchell River.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
19827	N. M. M.	Isis Ford.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15167	A. M. S.	South Keppel Island.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15219	do.	Kuranda.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15233	do.	Riversleigh.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15164	do.	Mount Cook.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15162	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
10965	do.	Bellenden Ker.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15182	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
1241	A. L. M.	Cape York.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
367	A. M. S.	Russel River.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
3241	do.	Northwest Queensland.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15191	do.	Mirriam Vale.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15238	do.	Corandotia.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15197	do.	Mount Cook.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
1236	do.	Brisbane.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15232	do.	Maekay.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15200	do.	Yeppoon.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15179	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15235	do.	Corandotia.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15158	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15240	do.	Corandotia.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15196	do.	Barron River.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15195	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
15229	do.	Cape York.....	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Totals.....			(43)	(40)	(40)	(40)	(33)	(50)	(50)	(50)	(50)	(50)	(40)	(48)	(48)	(40)	(40)
Averages.....			420.2	420.2	400.0	400.0	399.8	162.75	162.75	162.75	162.75	221.45	221.45	126.65	126.65	230.6	230.6
Minima.....			8.75	68.6	49	35.5	3.02	2.85	2.85	2.85	3.45	76.6	4.62	2.58	2.58	5.76	6.28
Maxima.....			9.6	74	58	58	3.5	3.6	3.6	4	96.1	5.3	6.0	6.0	6.0	6.3	120.4

¹ Upper and lower posterior premaxilars missing.

² Marked Tasmanian type of skull, and it is so. Occiput slightly asymmetrical; prominent parietal bossae.

³ Possibly slight occipital compression.

⁴ Upper third molars both diminutive.

⁵ Decidedly thick intranasal shelves.

⁶ Medium intranasal shelves.

⁷ Marked intranasal shelves.

NOTE.—For footnotes to reference figures see p. 3.

WEST AUSTRALIAN CRANIA
FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
97	S. A. M. A.		Adult	17.8	12.1	13	68	89.7	14.30		9.4	12.7		51.9	9.5	9.4
* S1580	A. M. S.	Near Malcolm	do.	18.0	12.7	13.5	68.3	86.5	14.93	10.7	9.5	12.7	84.2	51.2	10	10
b 171	S. A. M. A.		do.	17.4	12.4	12.6	69.2	80.8	14.63		9.3	12.4		49.2	10.3	9.6
3	do.	Murchison District	do.	17.4	12.4	13	71.3	87.2	14.27	11	6.6	12.1	90.9	54.6	10.2	9.6
* 58	do.		do.	18.6	13.4	12.6	72	78.8	14.87	10.3	6.4	13.1	78.6	48.8	9.8	9.2
2	do.	Geraldton	do.	17.3	12.7	12.4	73.4	82.7	14.13		6.1	12.4		49.2	9.8	9.5
109	do.	Bunbury	do.	17.3	13.4	12.7	77.5	82.5	14.47		6.7	11.9		56.5	9.9	9.5
Totals				(7) 123.5	(7) 89.5	(7) 89.8	(7) 71.3	(7) 84.2	(7) 14.51	(7) 32	(7) 44.7	(7) 12.4	(7) 84.4	(7) 51.4	(7) 69.5	(7) 66.8
Averages				17.93	12.78	12.83	71.3	84.2	14.51	10.67	6.38	12.4	84.4	51.4	9.93	9.54

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
97	S. A. M. A.		Adult	8.8	70	44		3.25	3.7	87.8	18.4	2.7	57.4	6.5	6.3	117.9
* S1580	A. M. S.	Near Malcolm	do.	8.8	71	51	3.3	3.35	3.75	89.3	4.6	2.8	60.9	6.8	6.8	113.5
b 171	S. A. M. A.		do.	9.1	66.5	43.5		3.4	3.8	80.3	4.2	2.85	56	6.2	6.2	106.9
3	do.	Murchison District	do.	8.7	65.5	44.5		3.4	4.05	84	4.55	2.59	56	6.4	6.4	100
* 58	do.		do.	8.4	65.5	45		3.15	3.82	82.4	4.4	2.8	63.6	6.2	6.2	106.9
2	do.	Geraldton	do.	8.4	69	48		3.4	3.85	88.5	4.3	2.6	60.5	6.7	6.7	116.5
109	do.	Bunbury	do.	8.9	67	54		3.28	3.85	85.2	4.8	2.35	49	5.7	5.1	107
Totals				(7) 60.8	(7) 68	(7) 47.5	(7)	(7) 22.88	(7) 26.82	(7) 82	(7) 31.55	(7) 13.15	(7) 57.4	(7) 41	(7) 44.7	(7) 103.9
Averages				8.68	68	47.5		3.27	3.83	85.4	4.61	2.59	57.4	5.86	6.36	103.9

* Large female.

b Everything indicates a female.

c Massive; parietal = 6-7 mm.

NOTE.—For footnotes to reference figures see p. 3.

NORTHWEST AUSTRALIAN CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
223	S. A. M. A. Dr. Basedow's.	King Leopold Range.	Adult.	17.2	12	12.8	69.8	87.7	14	9 10.3	9.7	11.7	88	57.5		5.5
17	A. L. A.	Derby	do	18.4	13	13	70.6	82.8	14.80	6.4	12.4	13.4	51.6	61.6	10	9.8
			do	16.8	12.6	12.9	75	87.8	14.10	(8)						
Totals.				(a) 52.4	(b) 37.6	(c) 38.7	(d) 71.7	(e) 86	(a) 14.80	(b) 13.1	(c) 37.5	(d) 88	(e) 64.4	(a)		(a) 9.3
Averages.				17.47	12.53	12.9	71.7	86	14.80	6.55	12.5					9.65

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
223	S. A. M. A. Dr. Basedow's.	King Leopold Range.	Adult.	8.6	°	°	3.45	3.85	3.85	89.6	18 4.8	2.3	47.9	9	6.4	114.5
17	A. L. A.	Derby	do	8.9	69.5	43.5	3.3	3.75	3.75	88	5	2.55	51	9.6		
			do	9			3.55	3.75	3.75	94.7	(e)	2.7				
Totals.				(a) 26.5			(a) 10.3	(a) 11.35	(a) 3.78	(a) 90.7	(a) 9.8	(a) 7.55	(a)			
Averages.				8.83			9.45	3.78	3.78	90.7	4.9	2.65	49.0			

° Nasal bones anomalous.

NOTE.—For footnotes to reference figures, see p. 13.

CENTRAL AUSTRALIAN CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
(*)	Dr. Basedow's	Flinder's Ranges	Adult	19.2	12.7	12.1	66.2	75.6	14.67	9.9	6.2	12.5	79.2	46.6	10.3	10.1
	do	Mt. Hopelen	do	18.5	12.8	12.6	69.2	80.8	14.63	10.10	(1) 9	12.5	80			9.8
Totals				37.7	25.5	(2) 24.7	(1) 67.6	(2) 78.2	(2) 14.65	(1) 10.9		(2) 12.5	(2) 79.6			(1) 13.9
Averages				18.86	13.75	12.56	67.6	78.2	14.65	9.56		12.5	79.6			9.86

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Racial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
(*)	Dr. Basedow's	Flinder's Ranges	Adult	9.3	70.5	51.5	2.9	2.9	3.65	79.5	4.6	2.6	56.6	5.9	6.5	110.2
	do	Mt. Hopelen	do	8.2	70.5	51.5	2.9	3.55	3.9	91	18 4.7	2.6	55.3			
Totals				(1) 17.5			(2) 5.8	(2) 6.45	(2) 7.55	(1) 85.2	(2) 9.3	(2) 5.2	(2) 55.9			
Averages				8.76			2.9	3.22	3.78	85.2	4.65	2.6	55.9			

* Whole skeleton; surely female.

NOTE.—For footnotes to reference figures see p. 3.

AUSTRALIAN CRANIA. (LOCALITY UNKNOWN)

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
53	S. A. M. A.		Adult	18.4	12.8	13	69.6	83.3	14.73		6.8	11.8		57.6	10	9.7
111	do		do	18.3	12.8	12.4	70	79.5	14.30		6.4	12.8		60	10.5	10.2
12923	N. M. M.		do	17.4	12.4	13.1	71.3	87.9	14.30		9.1	12		50.8	9.8	9.4
Totals				54.1	38	38.5	(3)	(3)	(3)	(3)	(3)	(3)		(3)	(3)	(3)
Averages				18.03	12.67	12.85	70.3	83.5	14.51		6.43	12.2		52.7	10.1	9.77

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{1}\right)$
53	S. A. M. A.		Adult	8	67.5	50.5		3.42	3.65	93.7	4.8	2.6	54.2	6	5.8	103.6
111	do		do	9.4	69.5	53	3.25	3.8	85.5	19.4	2.5	2.5	56.8	6.3	5.8	103.6
12923	N. M. M.		do	8.3	68	53	3.03	3.65	84.4	14.3	2.7	2.7	62.8	6.2	5.7	108.8
Totals				27	(3)	(3)		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Averages				9	68.5	62.5		3.25	3.7	87.8	4.5	2.6	57.8	6.1	5.7	107

* Asymmetrical.

NOTE.—For footnotes to reference figures see p. 3.

ABSTRACT: AUSTRALIAN CRANIA

MALE

	Diam. antero-posterior maxim. (labelled ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a}{b} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pl. (x)	Basion-Nasion (y)
South Australia.....	(198) Totals 3,779.1 Means 19.09	(201) Totals 2,021.3 Means 13.51	(186) Totals 2,431.9 Means 13.07	(187) Totals 69.7	(188) Totals 80.7	(189) Totals 15.15	(100) Totals 1,156.4 Means 11.45	(100) Totals 1,175.9 Means 6.96	(101) Totals 2,182.7 Means 13.56	(67) Totals 84.3	(72) Totals 51.2	(103) Totals 1,670.5 Means 10.71	(101) Totals 1,868.3 Means 10.26
Northern Territory.....	(108) Totals 1,910.3 Means 18.55	(108) Totals 1,328.9 Means 12.9	(103) Totals 1,365.6 Means 13.62	(104) Totals 69.6	(101) Totals 86	(101) Totals 14.99	(113) Totals 877.2 Means 11.25	(103) Totals 655.4 Means 6.9	(101) Totals 1,305.8 Means 13.62	(77) Totals 83.2	(60) Totals 51	(91) Totals 988.4 Means 10.64	(109) Totals 1,086.6 Means 10.95
Victoria.....	(74) Totals 1,412.2 Means 19.08	(74) Totals 994.9 Means 13.44	(72) Totals 984.8 Means 13.68	(74) Totals 70.4	(74) Totals 84.1	(72) Totals 15.40	(88) Totals 430.1 Means 11.32	(88) Totals 483.2 Means 7.11	(89) Totals 957.9 Means 13.88	(87) Totals 82.3	(68) Totals 51.2	(66) Totals 703 Means 10.82	(72) Totals 752.7 Means 10.45
New South Wales.....	(69) Totals 1,121.1 Means 19	(69) Totals 783.2 Means 13.27	(63) Totals 713.3 Means 13.46	(68) Totals 69.9	(68) Totals 83.4	(63) Totals 15.25	(99) Totals 332.6 Means 11.47	(60) Totals 348.6 Means 6.97	(62) Totals 565 Means 13.45	(89) Totals 85.2	(69) Totals 51.4	(44) Totals 465.5 Means 10.58	(63) Totals 545.6 Means 10.29
Queensland.....	(52) Totals 914.7 Means 18.67	(60) Totals 643.2 Means 13.13	(60) Totals 667.4 Means 13.62	(60) Totals 70.5	(60) Totals 86.7	(60) Totals 15.14	(32) Totals 362.2 Means 11.32	(42) Totals 287.5 Means 6.84	(41) Totals 592.3 Means 13.46	(84) Totals 84.8	(60) Totals 60.9	(43) Totals 437.4 Means 10.41	(62) Totals 531 Means 10.21
West Australia.....	(10) Totals 186 Means 18.60	(10) Totals 132.5 Means 13.25	(10) Totals 131.9 Means 13.19	(10) Totals 71.2	(10) Totals 82.8	(10) Totals 15.01	(6) Totals 57.3 Means 11.46	(7) Totals 49.8 Means 7.11	(10) Totals 122.1 Means 13.57	(6) Totals 86.4	(7) Totals 52.3	(7) Totals 73.7 Means 10.53	(10) Totals 102.1 Means 10.21
Northwest Australia.....	(7) Totals 131.9 Means 18.84	(7) Totals 90.7 Means 12.96	(7) Totals 92.9 Means 13.27	(7) Totals 68.8	(7) Totals 83.5	(7) Totals 15.02	(9) Totals 24.2 Means 12.1	(1) Totals 28.8 Means 7.2	(7) Totals 94.3 Means 13.47	(4) Totals 90.6	(4) Totals 54.6	(3) Totals 31.7 Means 10.57	(7) Totals 71.8 Means 10.25

Central Australia.....	(6) Totals 113.4 18.90	(6) Totals 81.1 13.52	(6) Totals 78.5 12.08	(6) Totals 71.5	(6) Totals 80.7	(6) Totals 15.17	(6) Totals 45.6 11.4	(6) Totals 34.3 6.86	(6) Totals 68.1 13.62	(6) Totals 83.1	(6) Totals 50.4	(6) Totals 52.5 10.56	(6) Totals 61.1 10.18
Locality unknown.....	(7) Totals 133.4 19.06	(7) Totals 91.9 13.13	(7) Totals 94.4 13.49	(7) Totals 68.9	(7) Totals 83.8	(7) Totals 16.23	(7) Totals 34.5 11.5	(7) Totals 40.1 7.01	(7) Totals 92.8 13.20	(7) Totals 87.8	(7) Totals 52.9	(7) Totals 74.9 10.7	(7) Totals 71.8 10.26
Grand totals.....	(521) 9,702.1	(521) 6,767.7	(521) 6,560.7	(521) 69.9	(521) 83.2	(521) 15.16	(521) 3,320.1	(521) 3,112.6	(521) 6,041	(521) 84	(521) 61.2	(521) 4,477.9	(521) 5,091
Averages.....	18.91	13.22	13.86	69.9	83.2	15.16	11.37	6.96	13.53	84	61.2	10.66	10.30
Minima.....	17.3	11.6	11.6	59.7	69.9	14.20	9.4	5.7	12	68.6	41.3	9.2	9.2
Maxima.....	21.6	14.6	15	77.9	94.7	16.27	13.7	8.6	15	102.2	62.4	12.3	11.5

ABSTRACT: AUSTRALIAN CRANIA—Continued

MALE—Continued

	Basion subnasal Pt.	Facial Angle	Alv. Angle	Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
South Australia.....(198)	(196) 1,565.4	(190) 79	(190) 59	(92) 316.5	(176) 589.22	(178) 680.38	(176) 86.8	(176) 854.45	(176) 469.6	(178) 65	(167) 981.9	(167) 1,072.25	(167) 109.3
	(91) 9.47			3.44	3.55	3.86		4.85	2.57		6.25	6.85	
Northern Territory.....(108)	(100) 954.1	(60) 68.5	(60) 70	(64) 180.1	(167) 355.28	(167) 417.89	(167) 86.1	(160) 519.3	(160) 200.5	(160) 65	(63) 584.7	(60) 645.45	(60) 109.3
	(6) 9.46			3.34	3.32	3.9		4.9	2.74		6.15	6.72	
Victoria.....(74)	(71) 680.6	(64) 67.5	(64) 52.5	(43) 153.25	(72) 239.08	(72) 282.43	(74) 84.7	(72) 351.45	(72) 200.65	(74) 67.2	(63) 405.9	(60) 449.3	(60) 110.8
	(6) 9.69			3.66	3.32	3.92		4.88	2.79		6.24	6.91	
New South Wales.....(59)	(61) 475	(44) 68	(44) 50	(27) 95.2	(63) 182.8	(63) 214.28	(63) 85.1	(63) 273.9	(63) 156.5	(66) 67.1	(44) 274	(44) 304.3	(44) 111.1
	(6) 9.31			3.53	3.32	3.9		4.89	2.79		6.23	6.92	
Queensland.....(52)	(49) 450.8	(41) 69	(41) 50	(33) 110.75	(41) 170.69	(41) 197.36	(41) 86.6	(49) 238.2	(49) 134.55	(49) 66.6	(41) 245.8	(49) 277.95	(41) 113
	(6) 9.2			3.26	3.56	3.87		4.86	2.75		6	6.78	
West Australia.....(10)	(10) 92.3	(7) 66.5	(7) 50	(3) 7.1	(19) 34.5	(10) 39.88	(10) 86.5	(10) 49.6	(10) 26.85	(10) 54	(7) 41.2	(7) 45.6	(7) 110.5
	(6) 9.23			3.55	3.45	3.99		4.96	2.68		5.89	6.51	
Northwest Australia.....(7)	(7) 64.3	(3) 67.5	(3) 49.5	(3) 10.8	(7) 23.31	(7) 27.8	(7) 83.9	(7) 35.05	(7) 19.75	(7) 66.8	(3) 18.6	(3) 21.7	(3) 116.6
	(6) 9.19			3.6	3.33	3.97		5.01	2.82		6.2	7.23	

Central Australia.....	(6) Totals	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)						
	Means	68	61	84.6	23.44	3.91	19.85	3.51	27.9	4.65	10	2.67	57.4	30.9	6.18	32.3	6.46	104.5
Locality unknown.....	(7) Totals	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
	Means	67	49	88.3	26.86	2.84	23.73	2.59	34.15	4.88	18.6	2.66	64.5	43.2	6.17	47.5	6.79	110
Grand totals.....	(487)	(411)	(411)	(491)	(491)	(491)	(491)	(491)	(489)	(489)	(489)	(489)	(489)	(489)	(428)	(428)	(444)	(444)
Averages.....	4,394.6	894.1	1,638.46	1,910.32	85.9	2,384	2,384	1,333	2,628.2	2,896.35	2,896.35	2,896.35	2,896.35	2,896.35	2,896.35	2,896.35	2,896.35	2,896.35
Minima.....	9.41	5.44	2.64	3.52	65	3.8	3.8	2.2	4.88	4.88	2.2	2.2	56	6.19	6	6	6	110
Maxima.....	8.2	2.7	2.6	4.62	103.5	5.8	5.8	3.35	5.8	5.8	3.35	3.35	75	5.5	8	8	8	94.1
	10.8	4.5	3.98											7.2				128.9

ABSTRACT: AUSTRALIAN CRANIA—Continued

FEMALE

	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
South Australia.....(156)	Totals	(156) 2,822.9	(143) 1,787.5	(148) 70.7	(144) 80.7	(148) 14.49	(76) 797.2	(131) 759.4	(108) 1,350.6	(70) 83.8	(103) 52.2	(117) 1,192.9	(141) 1,371.3
	Means	18.16	12.84	70.7	80.7	14.49	10.49	6.52	12.9	83.8	52.2	10.2	9.72
Northern Territory.....(80)	Totals	(80) 1,337.2	(80) 998.3	(80) 71.5	(77) 86.3	(77) 14.29	(63) 545.6	(74) 473.4	(73) 801.1	(80) 83.5	(70) 52.3	(69) 702.5	(77) 752.2
	Means	17.46	12.48	71.5	86.3	14.29	10.29	6.46	12.58	83.5	52.3	10.18	9.77
Queensland.....(51)	Totals	(61) 907.5	(61) 646.4	(61) 71.2	(60) 84.6	(60) 14.46	(32) 331.8	(40) 286.9	(44) 570.6	(41) 83.8	(42) 51.4	(40) 393.7	(60) 482.9
	Means	17.79	12.67	71.2	84.6	14.46	10.37	6.58	12.4	83.8	51.4	9.99	9.06
Victoria.....(49)	Totals	(49) 888.7	(49) 630.5	(49) 71	(40) 82.7	(40) 14.61	(24) 250.4	(40) 303.4	(44) 553.8	(24) 83.1	(43) 52.6	(40) 416.4	(49) 482.4
	Means	18.14	12.87	71	82.7	14.61	10.43	6.6	12.59	83.1	52.6	10.14	9.84
New South Wales.....(44)	Totals	(44) 790.5	(44) 570.4	(44) 72	(43) 83.9	(43) 14.64	(18) 187	(40) 256.4	(41) 515.3	(17) 83.7	(37) 51	(38) 382	(44) 419.2
	Means	17.96	12.96	72	83.9	14.64	10.39	6.41	12.67	83.7	51	10.06	9.76
West Australia.....(7)	Totals	(7) 125.5	(7) 89.5	(7) 71.5	(7) 84.2	(7) 14.51	(3) 32	(7) 44.7	(7) 86.8	(3) 84.4	(7) 51.4	(7) 69.5	(7) 66.8
	Means	17.93	12.78	71.5	84.2	14.51	10.67	6.38	12.4	84.4	51.4	9.93	9.54
Northwest Australia.....(3)	Totals	(3) 52.4	(3) 37.6	(3) 71.7	(3) 86	(3) 14.80	(1) 10.3	(2) 13.1	(3) 37.5	(1) 88	(2) 54.4	(1) 10	(2) 19.3
	Means	17.47	12.65	71.7	86	14.80	10.3	6.55	12.6	88	54.4	9.66	9.66

Central Australia.....	(1) 37.7	(2) 24.7	(3) 10.9	(1) 6.2	(2) 25	(3) 79.6	(1) 49.6	(1) 10.3	(2) 19.9
	18.85	12.55	9.96	78.2	14.66	14.66	14.66	10.3	9.86
Locality unknown.....	(1) 34.1	(1) 38.5	(1) 83.6	(1) 19.3	(1) 36.6	(1) 62.7	(1) 30.3	(1) 29.3	(1) 29.3
	18.08	12.67	14.51	6.43	12.2	12.2	10.1	10.1	9.77
Grand totals.....	(395)	(377)	(377)	(339)	(325)	(198)	(310)	(322)	(374)
Averages.....	7,086.5	4,804.3	2,174.2	2,197.8	4,067.3	85.6	62	3,263.6	3,643.3
Minima.....	17.94	12.76	14.48	6.48	12.48	71.3	42.6	10.14	9.74
Maxima.....	16.3	11.3	13.47	5.5	11.1	95.8	62.5	8.8	8.9
	19.2	14	15.37	7.6	13.9			11.3	10.7

ABSTRACT: AUSTRALIAN CRANIA—Continued
FEMALE—Continued

	Basion subnasal Pt.	Facial Angle	Alv. Angle	Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
South Australia.....	(150) Totals 1,109.8 Means..... 8.95	(119) 67	(111) 49	(73) 224.9 3.08	(120) 419.26 3.53	(125) 471.16 3.74	(123) 89	(117) 579.55 4.66	(117) 321.35 2.53	(117) 66.5	(111) 656.4 5.91	(111) 701.95 6.52	(111) 106.9
Northern Territory.....	(77) Totals 687.7 Means..... 8.95	(83) 67.5	(83) 48	(41) 124.55 3.04	(78) 255.92 3.28	(73) 293.18 3.76	(78) 87.2	(76) 349.35 4.6	(76) 195.75 2.58	(76) 56.1	(69) 402.8 5.84	(70) 441.5 6.91	(69) 108
Queensland.....	(49) Totals 420.2 Means..... 8.75	(40) 68.6	(40) 49	(33) 99.8 3.02	(40) 162.75 3.26	(40) 186.65 3.75	(40) 87.4	(40) 221.45 4.02	(40) 126.65 2.58	(40) 57.1	(40) 230.6 5.76	(40) 251.4 6.28	(40) 109
Victoria.....	(40) Totals 436.5 Means..... 8.91	(43) 68.5	(43) 50	(28) 78.25 3.13	(40) 163.61 3.54	(40) 184.73 3.77	(40) 88.6	(48) 220.35 4.59	(48) 124.05 2.58	(48) 56.2	(44) 255.5 5.81	(44) 281 6.39	(44) 110
New South Wales.....	(42) Totals 372.9 Means..... 8.88	(36) 69	(36) 50	(15) 496.5 3.1	(44) 143.35 3.26	(44) 164.33 3.72	(44) 87.4	(43) 194.78 4.53	(43) 112.75 2.62	(43) 57.8	(40) 232.6 5.82	(40) 256.2 6.4	(40) 110
West Australia.....	(7) Totals 60.8 Means..... 8.68	(7) 68	(7) 47.5	(1) 3.3	(7) 22.88 3.27	(7) 26.82 3.83	(7) 85.4	(7) 31.55 4.61	(7) 18.15 2.59	(7) 57.4	(7) 41 5.86	(7) 44.7 6.58	(7) 108.9
Northwest Australia.....	(3) Totals 26.5 Means..... 8.83	(1) 69.5	(1) 43.5	(3) 10.3 3.43	(3) 10.3 3.43	(3) 11.35 3.78	(3) 90.7	(3) 9.8 4.9	(3) 7.55 2.62	(3) 49.5	(1) 5.6 6.4	(1) 6.4	(1) 114.5

Central Australia.....	(2) Totals.....	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	(3) Means.....	17.5	70.6	51.6	5.8	6.45	7.55	86.2	9.3	5.2	5.9	6.5	110.2
Locality unknown.....	(2) Totals.....	8.75	68.6	52.6	2.9	5.22	5.78	87.8	4.65	2.6	17.1	18.3	107
	(3) Means.....	27	9	92.6	9.75	3.25	11.1	37.8	13.5	7.8	5.7	6.1	107
Grand totals.....	(395) Totals.....	3,158.9	(316)	(316)	(191)	(392)	(362)	(362)	(337)	(333)	(316)	(317)	(316)
	Averages.....	8.9	67.5	48	586.25	1,194.27	1,356.87	88	1,629.63	919.25	1,847.5	2,007.95	108.2
	Minima.....	7.6	58.5	32	3.07	3.5	3.75	88	4.66	2.57	5.85	6.85	94
	Maxima.....	10	77	66	3.95	3.8	4.1	100	5.3	3.2	6.8	7	125.9

TASMANIANS
TASMANIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)	
a 1104	College of Surgeons.		Adult.	19.1	13.3	13.7	69.6	84.6	15.37		7	14.1		49.6	11	11.4	
b B	Dr. Palleine's		do.	20.6	14.4	13.5	69.9	77.1	16.17		7.4	14.2		52.1	11.4	10.5	
c 1412	College of Surgeons		do.	19.9	14.2	13.7	71.4	80.6	15.98	9 11.5	6.9				11	10.3	
d 1100	do.		do.	19	13.6	14	71.6	85.9	15.53		7.3				10.5	10.2	
e 1419	do.		do.	18.4	13.2	13.4	71.7	84.8	15	7 10.8	6.7				10.9	9.9	
b C	Dr. Palleine's		do.	19.5	14		71.8										
28899	N. M. M.	Northeast coast.	do.	19	13.7	13.7	72.1	83.5	15.47			13.9				10.3	
d D	Dr. Palleine's		do.	19.2	13.8	13.2	72.6	80.5	15.33			14.2				10.4	
e 1408	College of Surgeons		do.	19.4	14.2	13.6	72.9	81.9	15.60		6.8				11	10.4	
e 1406	do.		do.	18.9	14	13.6	73.2	81.7	15.73	7 11.9	6.8	13.6		50		10.4	
e 1411	do.		do.	18.9	14	13.4	74.1	81.7	15.43		6.4	13.1		48.8	10.6	10.3	
e 1417	do.		do.	18.5	13.7	13.5	74	83.8	15.23	7 10.9	6	13		46.2	10.5	10.2	
e 1418	do.		do.	19.4	14.4	13.2	74.2	78.1	15.67	7 11.2	(19)	13.7		48.2	10.4	10.2	
* 1113-1	do.		do.	19.4	14.2	13.4	74.7	80.7	15.53	7 11.1	6.5	13.5		48.2	10.2	10.2	
e 1407	do.		do.	18.3	13.7	13	74.9	81.2	15		6.6				10.4	10	
e 1101	do.		do.	19.4	13.8	13	75	80.8	15.07		(11)	13.7		57.7	10	9.9	
A	Dr. Palleine's		do.	19.4	14.6	13.3	75.9	78.2	15.77		7.9				9.4	9.4	
* 1096	College of Surgeons		do.	18.4	13.9	13.4	75.6	82.7	15.23	7 11.1	(12 45)	13.7		81	10.4	9.7	
e 1098	do.		do.	18.2	13.8	13.6	75.8	85	15.20	(7)	6.3	14.1		44.7	10.4	9.2	
* 1099	do.		do.	18.4	14	13.4	76.1	82.7	15.27	(7)	6.7	13.1		51.2	10.4	10.2	
A 1102	do.		do.	18.5	14.2	12.8	76.8	78	15.17		(11)					10	
* 1109-1	do.		do.	17.8	13.9	13	78.1	82.8	14.90		6.2	13		47.7	10.9	10	
Totals.	(22)	(21)	(21)	416.3	306.6	281.4	(21)	(21)	(21)	(7)	(15)	(15)	(6)	(11)	(11)	(21)	213.3
Averages				18.93	13.94	13.4	74.1	81.6	15.41	78.5	101.5	204	83.1	49.8	149.2	10.66	10.16
Minima				17.8	13.2	12.8	69.6	77.1	14.90	10.8	6	13	81	44.7	10	9.2	9.2
Maxima				20.6	14.6	14	78.1	85.9	16.17	11.9	7.9	14.2	87.5	57.7	11.4	11.4	11.4

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
a 1104	College of Surgeons.		Adult	10	75	50.5		3.28	3.75	87.5	18.5	2.65	48.2	5.8	6.6	113.8
b B	Dr. Pülleine's.		do	10.1	64	52.5		3.18	3.9	81.5	15	2.75	66	6.7	7.3	109
c 1412	College of Surgeons		do	9.8	66	49	3.2	3.3	3.85	85.7	5	2.9	68	6.1	6.9	113.1
e 1100	do		do	9.3	67.5	53.5		19.3	19.3	86.8	4.5	2.7	62.9	6.3	7.3	115.9
e 1419	do		do	9.8	63.5	56.5	3.3	2.0	3.7	78.1	4.4	2.7	61.4	6.3	7.1	112.7
b C	Dr. Pülleine's.		do					19.3	19.3	86.2						
28899	N. M. M.	Northeast coast.	do	9.9				3.05	3.8	80.3	5.3	2.9	64.7			
d D	Dr. Pülleine's.		do													
a 1408	College of Surgeons.		do	9.4	67	49	3.3	19.2	19.4	78	4.85	2.85	68.8			
e 1406	do		do	9.8	67	49		3.02	3.8	79.5	4.9	2.65	64.1	6.7	7	104.6
e 1411	do		do	9.6	70	54.5		3.05	3.68	82.9	4.6	2.7	68.7	6	7.1	118.3
e 1417	do		do	9.5	70.5	49.5	3	2.85	3.88	73.4	4.5	2.9	64.4	6.2	6.6	106.4
e 1418	do		do					3	3.08	81.1	4.8	2.95	61.6			
a 1113-1	do		do	10				3.08	3.8	77.6	4.55	2.7	69.3	5.9	7.2	122
e 1407	do		do	9.4	71.5	62	3.2	2.95	3.88	76.6	4.55	2.7	69.9	6.3	7	111.1
a 1101	do		do	9.4	68	56.5		2.95	3.92	76.5	4.3	2.45	67			
A	Dr. Pülleine's.		do	8.8	62	58	3.3	3	3.95	79	5.1	2.3	45.1	6.1	7	114.8
e 1066	College of Surgeons		do	9			2.8	3.2	4.05	79	18.4	3	61.9			
e 1098	do		do	9.2	61.5	50		3.08	3.9	79	4.3	2.6	60.6	6.3	6.5	100
e 1099	do		do	9.4	69.5	54.5		3	3.75	80	18.4	2.8	67.1	6.1	7.2	118
a 1102	do		do	9.2				2.85	3.48	81.9	4.9	2.6	63.1	6.5	6.5	103.3
a 1109-1	do		do	9.9	65	54.5		2.8	3.63	76.1	4.3	2.45	67	6.3	6.7	106.4
Totals				(20)	(14)	(14)	(6)	(21)	(31)	(47)	(60)	(20)	(20)	(18)	(18)	(6)
Averages				100.7	68	52.6	25.1	64.61	80.47	93.75	93.75	54.25	61.9	93.3	104.93	111.4
Minima				9.64	62	49	3.14	3.08	3.83	80.3	4.79	2.71	66.7	6.22	6.93	100
Maxima				10.1	75	62	2.8	3.45	4.1	87.6	5.5	2.3	64.4	6.7	7.3	122

(1) Near Australian type, except nose, somewhat.
 (2) Type quite Australian.
 (3) Australian type.
 (4) Metopic suture.
 (5) Near Australian type.
 (6) All upper incisors shovel-shaped.
 (7) Near Australian type. Face and mastoids somewhat female-like, but probably male.
 (8) Australian type. Surely male.
 (9) Moderate gutters.
 (10) Large fossae.
 (11) Diameter antero-posterior of both left and right lower molars (1, 2, 3) = 4.4 cm.
 (12) Diameter antero-posterior at middle of lower right first molar and second molar = 2.8 cm.
 (13) Large fossae, partly intranasal, as in Australians.

NOTE.—For footnotes to reference figures see p. 3.

TASMANIAN CRANIA—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
a 1577	S. A. M. A.		Adult	18.2	13	12.9	71.1	82.7	14.70		6.2	12.2		50.8	10.6	10.5
1106	College of Surgeons.		do.	17.6	12.8	12.8	72.7	84.2	14.40	9.10	6.2	11.9	84	52.1	9.4	9.7
1409	do.		do.	18	13.4	12.6	74.4	86.2	14.67		6.7	12.8		52.5	10.4	10
a E	Dr. Puhlé's		do.	18.4	13.7	12.7	74.5	79.4	14.93	11.2	7	13.2	84.8	53	10.4	9.8
b 1410	College of Surgeons.		do.	18	13.5	13.3	75	84.2	14.93		6.6	13		50.8	9.8	9.8
1107	do.		do.	17.6	13.2	12.6	75	81.8	14.47		5.6	12.9		57.4	9	9.2
e 1421	do.		do.	18.2	13.7	12.6	75.3	78.8	14.83		7.4	12.6		45.2	10	9.9
d 1097	do.		do.	17.8	13.5	12.4	75.8	79.5	14.57	9.98	5.7	12.6		46.2	9.9	9.2
1415	do.		do.	17.5	13.3	11.9	76	77.9	14.23	9.8	(35)	12	81.7	49.6	10.2	8.7
1103	do.		do.	17.6	13.6	12.9	77.3	82.7	14.70	10.1	6.1	13.2	76.5	49.6	9.8	10.2
1420	do.		do.	17.3	13.5	12.4	78	80.5	14.40	(*)	6.8	12.3		49.6	9.8	9.5
1116	do.		do.	17.5	13.8	12.6	78.9	80.8	14.63	9.8	6.2	12.6		49.2	10	9.3
1108	do.		do.	16.6	13.2	12.2	79.5	81.9	14		6.8	12.3		55.3	9.4	9.1
1108	do.		do.	16.3	13	12.3	79.8	84.2	13.87	9.1	5.4	11.5		79.1	9	9.1
1105	do.		do.	16.8	13.5	12.6	80.4	82.9	14.36		5.8	11.9		48.7	9.4	8.9
Totals				(13) 263.4	(13) 200.7	(13) 188.8	(16) 76.2	(16) 81.4	(15) 14.51	(6) 60	(14) 87.8	(14) 174.4	(6) 80.6	(14) 48.7	(14) 137.7	(13) 143.2
Averages				17.56	13.38	12.59	76.2	81.4	14.51	10	6.27	12.46	80.6	50.4	9.84	9.55
Minima				16.3	12.8	11.9	71.4	77.9	13.87	9.1	5.4	11.5	76.5	45.2	9	8.7
Maxima				18.4	13.8	13.3	80.4	84.2	14.93	11.2	7.4	13.2	84.8	57.4	10.6	10.5

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
a A577	S. A. M. A.	.....	Adult	9.6	72	55	.....	20	3.2	3.8	14.4	2.6	50.1	5.9	6.5	110.2
1106	College of Surgeons	.....	do.	8.6	74	57	2.7	3.25	3.52	92.3	4.05	2.55	54.5	5.3	6.3	118.9
1400	do.	.....	do.	9.4	68	54.5	.....	3.1	3.8	81.6	4.83	2.8	57.7	6	5.7	116.7
a E	Dr. Puellein's	.....	do.	8.8	65	44	3.25	3.48	3.95	88.1	4.8	3	62.6	6.2	7	112.9
b 1410	College of Surgeons	.....	do.	9	70.5	61	.....	3.05	3.78	82.6	4.7	2.75	58.6	5.6	6.5	116.9
1107	do.	.....	do.	8.4	74.5	57	3.4	19	3.1	86.1	4.45	2.45	55.1	5.3	6	113.2
c 1421	do.	.....	do.	8.8	67.5	56.5	.....	3.55	3.75	94.7	4.85	2.65	54.6	5.5	6.3	114.6
1109	do.	.....	do.	8.7	66	38.5	.....	3	3.7	81.1	4.3	2.75	63.9	5.9	6.4	108.5
d 10 7	do.	.....	do.	8.3	.....	.....	2.4	18	3.62	87.8	4.55	2.65	58.2	.....	.....	117.9
1415	do.	.....	do.	9.5	72.5	55	2.9	3.05	3.78	80.7	19	2.5	51.6	5.6	6.6	110.3
1103	do.	.....	do.	8.8	69	54	.....	2.9	3.55	81.7	4.3	2.7	62.8	5.8	6.4	110.3
1420	do.	.....	do.	8.6	67	52	2.7	2.9	3.78	76.7	4.7	2.5	61	5.7	6.5	114
1110	do.	.....	do.	8.6	65	47	.....	3.22	3.7	87	4.7	2.6	55.3	5.8	6.7	115.5
1108	do.	.....	do.	8.6	74	68	2.2	2.92	3.68	79.4	19	2.5	61	5.2	6	115.4
1105	do.	.....	do.	8.6	66.5	60	.....	2.92	3.6	81.1	3.9	2.45	62.8	3.6	0.4	114.3
Totals	.....	.....	.....	(13)	(14)	(14)	(7)	(15)	(15)	(15)	(15)	(15)	(15)	(14)	(14)	(14)
Averages	.....	.....	.....	132.3	69.5	63.5	19.55	46.82	55.61	87.5	39.45	90.6	57.9	79.4	90.6	114.1
Minima	.....	.....	.....	8.82	65	38.5	2.79	2.9	3.12	84.2	4.5	2.63	58.4	5.2	6.47	108.5
Maxima	.....	.....	.....	9.6	74	68	3.4	3.55	3.95	94.7	4.85	3	63.9	6.2	7	118.9

a Australian type.
 b Somewhat malelike, especially in mastoids; possibly male.
 c Surely female.
 NOTE.—For footnotes to reference figures see p. 3.
 d Metopic suture.
 e Upper median incisors shovel-shaped, laterals slightly.
 f Moderate gutters.
 g Moderate intranasal shelves.

NEW CALEDONIANS

NEW CALEDONIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
a S634	A. M. S.		Adult	18.6	12.4	13.4	66.7	86.4	14.80		88.7	13.9		50.4	10.6	10
S635	do		do	19.7	13.2	14.9	67	90.6	15.93		6.8	13.7		49.6	10.8	10.7
S1053	do		do	19.7	12.9	13.4	67.9	83.8	15.10		7	13.1		53.4	10.9	10.4
S806	do		do	19.3	13.3	14.4	68.9	88.3	15.07	12	7.1	13.1		51.2	10.8	10.7
S1054	do		do	18.6	13.4	14.1	72	88.1	15.37	11.8	7.2	13.6		52.9	10.8	10.1
c S1692	do		do	18.1	13.5	13.5	74.6	85.4	15.03	11.8	7.1	13.6		52.3	11	10.6
Totals				(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Averages				95.2	63.2	70.2	68.5	87.5	15.37	33.6	42.2	81	88.4	52.1	10.82	10.42
				19.04	13.04	14.04				11.87	7.03	13.5				

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
* S634	A. M. S.		Adult	9.4	61	51	3.38	3.75	90.1		4.95	2.5	50.5		77	109.8
S635	do		do	9.8	71	56	3.5	3.85	90.9		4.9	2.75	66.1		77	111.7
S1053	do		do	9.6	67	52	3.5	4	87.6		4.7	2.5	63.2		6	111.5
S806	do		do	9.8	70	59.5	3.4	3.7	91.9		4.8	2.45	51		6.8	98.4
S1054	do		do	9.4	65	53	3.4	3.7	82.9		4.55	2.35	51.7		6.2	98.4
* S1602	do		do	8.6	68	54	3.25	3.7	87.8		4.85	2.3	47.4		6.3	106.8
Totals				(6) 57.8	(6) 68	(6) 54	(6) 13.70	(6) 23.1	(6) 3.56	(6) 88.3	(6) 28.75	(6) 14.85	(6) 51.8	(6) 30.4	(6) 32.7	(6) 107.6
Averages				9.69	68	54	3.42	3.66	88.3		4.79	2.48	51.8		6.64	107.6

* Surely male.

† Upper incisors shovel-shaped, laterals moderately, medians slightly. A rudimentary tooth on external surface behind upper third molar.

‡ Medium occipital compression.

§ Marked intranasal shelves.

NOTE.—For footnotes to reference figures see p. 3.

NEW CALEDONIAN CRANIA—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabela ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol Pt. (x)	Basion-Nasion (y)
• 1208	A. M. S.		Adult	17.9	11.7	13	65.4	87.8	14.20		7	12.2		57.4	11	10.1
S1052	.do.		.do.	17.6	14	13.1	73.6	82.9	14.90		6.8	13.2		51.9	11.1	10.6
Totals				(2) 35.5	(2) 25.7	(2) 26.1	(2) 72.4	(2) 85.3	(2) 14.55		(2) 13.8	(2) 25.4		(2) 54.3	(2) 22.1	(2) 20.7
Averages				17.75	12.85	13.05	72.4	85.3	14.55		6.9	12.7		54.3	11.05	10.35

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
• 1208	A. M. S.		Adult	9.7	64	51		3.35	3.5	95.7	4.75	2.3	48.4	5.9	5.7	96.6
S1052	.do.		.do.	10	68	55.5		3.22	3.0	89.5	4.6	2.4	52.2	6	6.3	105
Totals				(2) 19.7	(2) 66	(2) 53.5		(2) 6.57	(2) 7.1	(2) 92.4	(2) 4.7	(2) 2.35	(2) 50.2	(2) 11.9	(2) 12	(2) 100.8
Averages				9.85	66	53.5		6.57	3.56	92.4	4.68	2.35	50.2	5.96	6	100.8

^a Slightly malelike (malars and zygomae, mastoids), but physiognomy female, and no supraorbital ridges.

^b Lower border distinct.

NOTE.—For footnotes to reference figures see p. 3.

Comparison of measurements

MALE

Group	No.	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Monton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
Australian.....	(521)	18.91	13.22	13.36	69.9	88.8	15.16	11.37	6.96	13.58	84	61.2	10.66	10.3
Tasmanian.....	(22)	18.93	13.94	13.4	74.1	81.6	13.41	11.21	6.77	13.6	83.1	49.8	10.66	10.16
New Caledonian.....	(6)	19.04	13.04	14.04	68.6	87.6	13.37	11.57	7.03	13.5	88.4	62.1	10.82	10.42

Group	Basion subnasal Pt.	Facial Angle °	Alv. Angle °	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (h)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
Australian.....	9.41	68	51	3.44	3.34	3.80	86.9	4.88	2.73	66	6.19	6.81	110
Tasmanian.....	9.54	68	52.5	3.14	3.08	3.83	80.5	4.79	2.71	66.7	6.22	6.93	111.4
New Caledonian.....	9.63	68	54	3.42	3.4	3.85	88.3	4.79	2.48	61.8	6.08	6.54	107.6

Comparison of measurements—Continued

FEMALE

Group	N	Diam. antero-posterior maximi (glabella ad maximum)	Diam. lateral maximi.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximi. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
Australian	(305)	17.94	12.76	12.74	71.1	83.7	14.48	10.4	6.48	12.48	83.6	59.4	10.14	9.74
Tasmanian	(15)	17.56	13.38	12.59	76.2	81.7	14.51	10	6.27	12.46	80.6	59.4	9.84	9.55
New Caledonian	(2)	17.75	12.83	13.05	72.4	85.3	14.55	-----	9.9	12.7	-----	64.5	11.05	10.35
Group		Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maximi.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maximi. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
Australian	-----	8.9	67.5	48	3.07	3.3	3.75	88	4.56	2.57	66.4	5.85	6.33	103.2
Tasmanian	-----	8.82	69.5	53.5	2.79	3.12	3.71	84.2	4.5	2.63	68.4	5.67	6.47	114.1
New Caledonian	-----	9.85	66	53.5	-----	3.28	3.55	92.4	4.68	2.35	50.2	5.95	6	100.8

Australians territorially, and contrasted with Tasmanians and New Caledonians

SEXES SEPARATELY

Cranial Index	Mean Height Index		Cranial Module		Facial Index, upper		Facial Angle		Orbital Index		Nasal Index		Palatal Index						
	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male					
N.W.A.	68.8	71.7	So. A.	80.7	80.7	80.7	(50.4)	(49.0)	W. A.	66.5	68.0	N. W. A.	83.9	(90.7)	W. A.	54.0	57.4	C. A.	104.5
N. T.	69.6	71.5	C. A.	80.7	(1)	W. A.	50.9	51.4	S. A.	67.0	67.0	C. A.	84.6	(85.2)	S. A.	55.0	55.5	S. A.	109.3
So. A.	69.7	70.7	W. A.	82.8	84.2	N. W.	51	52.3	V.	67.5	68.5	V.	84.7	88.6	N. T.	55.9	56.1	N. T.	109.3
N. S. W.	69.9	72	N. S. W.	83.4	83.9	Q.	51.2	52.5	N. W. A.	67.5	68.5	N. T.	84.7	87.2	N. W. A.	56.3	(1)	W. A.	110.5
Q.	70.3	71.2	N. W. A.	83.5	86.0	S. A.	51.2	52.2	N. S. W.	68.0	69.0	N. S. W.	85.1	87.4	Q.	56.6	57.1	V.	110.8
V.	70.4	71.0	V.	84.1	82.7	N. S. W.	51.4	51	C. A.	68.0	68.0	W. A.	86.5	(85.4)	N. S. W.	57.1	57.8	N. S. W.	111.8
W. A.	71.2	71.3	Q.	85.7	84.5	N. S. W.	52.3	51.4	N. T.	68.5	67.5	Q.	86.6	87.4	V.	57.2	56.2	Q.	113.0
W. A.	71.2	71.3	V.	86.0	86.3	V.	52.3	51.4	Q.	69.0	68.5	S. A.	86.8	89.0	C. A.	57.4	55.9	N. W. A.	116.6
C. A.	71.5	(1)	N. T.	86.0	86.3	N. W. A.	(54.6)	(64.4)	Q.	69.0	68.5	S. A.	86.8	89.0	C. A.	57.4	55.9	N. W. A.	116.6

ALL AUSTRALIANS

69.9	71.1	83.2	83.1	15.16	14.48	51.2	52.0	68.0	67.5	85.9	88.0	56.0	56.4	110.0	108.2
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TASMANIANS

74.1	76.2	81.6	81.4	15.41	14.51	49.8	50.4	68.0	69.5	80.3	84.2	56.7	58.4	111.4	114.1
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NEW CALEDONIANS

68.5	(72.4)	87.5	(85.3)	15.37	14.55	52.1	54.3	68.0	66.0	88.3	(92.4)	51.8	50.2	107.6	100.8
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1 Only two specimens.

Australians territorially, and contrasted with Tasmanians and New Caledonians—Continued

THE TWO SEXES TAKEN TOGETHER

Cranial Index	Mean Height Index	Cranial Module	Facial Index, Anat.	Facial Angle	Orbital Index	Nasal Index	Palatal Index
N. W. A. (10) 69.7	C. A. (8) 80.1	N. T. (178) 14.69	C. A. (6) 50.3	S. A. (265) 67	C. A. (8) 84.8	N. W. A. (9) 54.8	C. A. (6) 105.5
S. A. (353) 70.2	S. A. (329) 80.7	N. W. A. (10) 14.80	Q. (82) 51.2	W. A. (14) 67	N. W. A. (10) 85.9	S. A. (303) 55.2	S. A. (268) 108.3
N. T. (183) 70.4	W. A. (17) 83.4	Q. (99) 14.80	N. S. W. (76) 51.2	V. (109) 68	N. T. (185) 86	W. A. (17) 55.4	N. T. (164) 108.8
C. A. (8) 70.5	V. (121) 83.5	W. A. (17) 14.80	S. A. (262) 51.6	N. W. A. (4) 68	W. A. (17) 86	N. T. (182) 56.4	W. A. (14) 109.7
V. (123) 70.6	N. S. W. (96) 83.6	S. A. (328) 14.86	N. T. (162) 51.6	N. T. (158) 68	N. S. W. (99) 86.1	V. (120) 56.8	V. (109) 110.7
N. S. W. (103) 70.8	N. W. A. (10) 84.2	N. S. W. (96) 14.98	N. S. W. (80) 51.8	N. S. W. (80) 68.5	V. (121) 86.2	Q. (98) 56.9	N. S. W. (84) 110.6
Q. (100) 70.8	N. W. A. (99) 85.2	W. A. (14) 15.04	C. A. (14) 51.9	C. A. (6) 68.5	Q. (101) 87	C. A. (8) 57	Q. (84) 111
W. A. (17) 71.2	N. T. (178) 86.2	V. (121) 15.08	N. W. A. (6) 54.5	Q. (81) 69	S. A. (302) 87.7	N. S. W. (99) 57.4	N. W. A. (4) 116

ALL AUSTRALIANS

(907) 70.4	(358) 83.2	(868) 14.86	(724) 51.6	(727) 68	(853) 86.8	(846) 56.2	(740) 109.2
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TASMANIANS

(37) 75	(36) 81.5	(36) 15.04	(25) 50.2	(28) 69	(36) 81.9	(35) 57.4	(29) 112.7
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NEW CALEDONIANS

(7) 69.6	(7) 86.9	(7) 15.14	(8) 52.7	(8) 67.5	(8) 89.3	(81) 51.4	(7) 105.7
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COMMENTS ON THE AUSTRALIANS

The Australians, while generally related, are not of exactly the same type in all parts of the territory.

They are all characterized by relative narrowness of the head and hence marked dolichocephaly. But they differ moderately in this respect in the several territories. The most pronounced dolichocephaly is met with in the northwest, north, and central south, the least pronounced in the west, east, and southeast.

Much more marked differences, however, are found in the height of the vault and the mean height index $\left(\frac{H}{\text{mean of } L+B}\right)$. Both the absolute height and the index are lowest or next to lowest in south Australia, where the cephalic index is also low; and both are high in Queensland where the cephalic index is also higher. On the other hand in northwestern and northern Australia, where the cephalic index is decidedly low, the height index is near or at the maximum.

In size, the skull is smallest in the northern territory and northwestern Australia, largest in Victoria. In the northwest the condition is possibly especially significant, as it seems to be associated with a higher stature; but the data, both on the living and on the skulls, are not sufficient for definite conclusions.

The basion-nasion length ranges from 9.9 cm. in western Australia to 10.15 cm. in Victoria. Relatively to skull length it gives the index (or percentage) of from 52.8 in northwestern Australia to 53.3 in central Australia, showing great uniformity. But it is 54.2 in the northern territory, where the length of the head in both sexes, as well as the size of the head, are the smallest. Evidently the smallness of the vault in this exceptional series is due especially to deficiency in the posterior half of the skull.

The upper facial index is lowest in central Australia, Queensland, and New South Wales, highest in the western and northwestern Provinces. But if central Australia on one hand and northwestern Australia on the other be eliminated, as they may well be on account of the small numbers of specimens, then the index is seen to present a remarkable uniformity, greater than any of the other characters, excepting the facial angle.

The facial angle is lowest (greatest prognathism) in south and west Australia, highest in Queensland.

The orbital index is lowest in the northwest, highest in Queensland and southern Australia.

The nasal index is lowest in western and southern, highest in eastern, central, and southeastern Australia.

The palate is relatively longest (or narrowest) in central and south Australia (which shows also the highest facial angle), relatively

shortest (or broadest) in Queensland (with lowest facial angle) and especially in northwest Australia.

On the whole the lower types of the Australian appear to be those of the northwest and north, the higher those of the southeastern parts of the continent.

Admixture (Papuan) and local variation are doubtless both involved in the observed differences of characters. But these differences are so appreciable that anthropology will hardly be justified henceforth to refer merely to "the Australian."

AUSTRALIANS AND TASMANIANS

A comparison of the two groups shows that the Tasmanian was not of the identical type with the Australian of any part of the continent; but he was close enough, in general, to be recognized as a near relation and probably a mere local variant of the Australian.

Compared with the Australian more in detail, the Tasmanian is seen to have been somewhat more broad-headed.

The vault of his skull was slightly lower than the general Australian average, but above that of two of the Australian groups.

In size of the head the Tasmanian was slightly above the Australian average, but equal or even a trace lower than two of the Australian contingents.

In facial index the Tasmanian was slightly lower than the Australian in the males, somewhat more so in the females, due to lower facial height (the bizygomatic breadth being practically even).

The basion-nasion length, especially if taken relatively to the length of the skull, is nearly the same in the two people.

The facial angle in the Tasmanians, though their face is lower, exceeds on the average by 1 degree that of the Australians.

The orbital index of the Tasmanians is plainly lower—due to lower orbits—than it is in the Australians.

The nasal index in the male Tasmanians is close to the average of the Australian males, but in the females the Tasmanians show an appreciably higher index (greater breadth); and practically the same condition exists as to the "palatal" (alveolar arch) index and the arch itself.

In general, it is seen, the Tasmanians had a somewhat broader head, somewhat lower face and orbits, and somewhat broader (or shorter) nose and palate, than the Australians. But the two people are so near, particularly when we compare the crania individually or when the Tasmanians are contrasted with some of the regional Australian groups, that the two strains can not but be regarded as of fundamentally the same race. The Tasmanians may therefore, it seems, be legitimately considered as merely a subtype of the

Australians. Their facial differences as well as those of the vault indicate probably environmental (especially food), rather than racial characters.

NEW CALEDONIANS

The New Caledonians, even though represented by but a small series of specimens, are plainly a type apart from both the Australians and Tasmanians; they are in most respects even farther away from the Tasmanians than from the Australians; and there appears no reason to consider them as related, except perhaps very distantly, to either.

The New Caledonians are especially characterized by narrowness of the head, high vault, high face, high orbits, narrow nose and narrow palate.

MELANESIANS
NEW GUINEA CRANIA
MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
227342	U. S. N. M.	New Guinea	Near adult	19.4	13.1	14.1	69.5	86.5	15.53	1,450	110.6	6.4	12.7	88.5	50.4	10.2	10.2
219263	do.	do.	Adult	19.3	13.2	14.1	68.1	86.5	15.53	1,450	111.4	7.9	12.8	89.1	54.7	10.2	10.2
219395	do.	do.	do.	18	13.5	13.5	73.3	86.5	14.90	1,400	111.5	7.7	13.2	85.6	53	10.1	10.1
219393	do.	do.	do.	18.4	13.6	14.1	73.9	88.1	15.37	1,406	111.3	7.7	13.2	85.6	53	10.1	10.1
Totals				(4) 75.1	(4) 53.1	(3) 41.7	(4) 70.7	(3) 87.2	(3) 45.8	(3) 4,255	(4) 44.8	(4) 27.4	(3) 38.7	(3) 86	(3) 52.7		(3) 29.9
Averages				18.78	13.28	13.9	70.7	87.2	15.27	1,418	11.2	6.82	12.9	86	52.7		29.9

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits-Height, mean	Orbits-Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
227342	U. S. N. M.	New Guinea	Near adult	8.9	0	0	3.2	3.6	4.1	87.8	4.7	2.8	59.6	6.6	6.6	
219263	do.	do.	Adult	8.9	70	52	3.2	3.35	3.9	84.6	4.8	2.4	60	0.9	0.9	116
219395	do.	do.	do.	8.9	70	52	3.2	3.3	3.9	84.6	4.8	2.7	54	6.6	6.6	
219393	do.	do.	do.	8.9	70	52	3.2	3.3	3.9	84.6	4.8	2.8	56	6.6	6.6	
Totals				(3) 26.8			(3) 6.4	(4) 13.55	(3) 11.9	(3) 85.7	(4) 19.5	(4) 10.7	(4) 54.9		(4) 26.7	
Averages				8.98			2.2	3.39	3.97	85.7	4.88	2.68	54.9	6.68	6.68	

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bitygomatic maximum (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
219392	U. S. N. M.	New Guinea	Adult	17.2	11.8	12.2	68.6	84.1	13.73	1,050	3.11	6.7	11.4	96.5	68.8	9.7	9.4
219261	do.	do.	do.	17.4	12.4	13	71.3	87.2	14.27	1,230	10.3	6.8	12.1	86.1	66.7	9.8	9.8
226163	do.	Southern New Guinea	do.	18.2	13	13	71.4	85.5	14.43	1,255		(6.5)	11.4		(67.9)		9.7
219262	do.	New Guinea	do.	17.2	13.1	13	76.2	89.6	14.73	1,150							10
219264	do.	do.	do.	17.3	13.2	13.7	76.3	90.4	14.73	1,290						2	9.4
219260	do.	do.	do.	16.5	12.7	13.2	77	90.4	14.13	1,170			11.3				
Totals				(6) 103.8	(6) 76.2	(6) 65.1	(6) 73.4	(6) 87.5	(6) 71.20	(6) 7,145	(2) 21.3	(3) 13.5	(3) 58.2	(3) 90.6	(2)	(3) 28.9	(3) 38.9
Averages				17.3	12.7	13.02	73.4	87.5	14.86	1,191	10.65	6.76	11.64	90.6	67.7	9.63	9.72

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maximum	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maximum (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
219392	U. S. N. M.	New Guinea	Adult	8.6	67	48	3	3.35	3.6	93	5.1	2.4	47.1	5.7	6.4	112.9
219261	do.	do.	do.	8.8	67	48	2.3	2.85	3.8	75	4.85	2.2	45.4	5.7	5.9	103.6
226163	do.	Southern New Guinea	do.	8.7	67	48		6.3.5							6.4	
219262	do.	New Guinea	do.	8.7	67	48										
219264	do.	do.	do.	8.4	67	48										
219260	do.	do.	do.	8.4	67	48										
Totals				(6) 8.67	(6) 25.7	(6) 48	(2) 5.3	(3) 9.7	(2) 7.4	(3) 88.8	(3) 9.95	(3) 4.6	(3) 46.2	(3) 17.1	(3) 24.3	(2) 107.9
Averages				8.67	25.7	48	5.3	8.23	5.7	88.8	4.98	2.8	46.2	5.7	6.08	

NOTE.—For footnotes to reference figures, see p. 104.

TORRES STRAIT (PAPUAN) CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxm. (glabella ad maxmum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxm. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, npper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
276077	U. S. N. M.	Torres Strait.....	Adult.....	18.4	13.5	13	73.4	81.8	14.97	1,395	-----	6.5	12.8	-----	60.8	10.3	9.8
Catalogue No.	Collection	Locality	Approximate age of subject											Palatal Index $\left(\frac{1}{b \times 100}\right)$	112.3		
276077	U. S. N. M.....	Torres Strait.....	Adult.....											Palate, external Breadth, maxm. (b)	6.4		
														Palate, external Length (l)	5.7		
														Nasal Index	46.9		
														Nose, Breadth maxm.	2.3		
														Nose, Height	4.9		
														Orbital Index, mean	88.7		
														Orbits—Breadth, mean	3.7		
														Orbits—Height, mean	3.28		
														Lower Jaw, Height of Symphysis	-----		
														Alv. Angle	° 42		
														Facial Angle	° 67		
														Basion subnasal Pt.	9		

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxm. (glabella ad maxm.)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxm. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
276076	U. S. N. M.	Torres Strait	Adult	18.4	11.8	21.9	64.1	88.4	14.37	1,165	-----	6.6	12.3	-----	53.7	10.4	9.6
276080	do.	do.	do.	18	12.2	13.4	67.8	88.7	14.53	1,220	-----	7.1	12.6	-----	66.4	10.7	10.3
276078	do.	do.	do.	17	11.8	12.4	69.4	86.1	13.73	1,055	-----	7	11.9	-----	58.8	10.4	9.7
276079	do.	do.	do.	16.9	12.8	12.5	75.7	83.9	14.07	1,140	-----	6.3	12.7	-----	49.6	10.4	9.6
Totals	-----	-----	-----	70.3	48.6	51.2	69.1	86.1	56.7	4,580	-----	6.75	49.5	-----	54.5	41.9	39.5
Averages	-----	-----	-----	17.58	12.16	12.8	69.1	86.1	14.18	1,145	-----	6.75	12.38	-----	54.5	10.4	9.88

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth, maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
276076	U. S. N. M.	Torres Strait	Adult	8.9	66	45	-----	3.2	3.7	86.5	4.4	2.4	64.6	5.9	5.9	101.7
276080	do.	do.	do.	9.6	67.5	55.5	-----	3.6	3.85	93.5	4.9	2.3	46.9	5.9	6.3	106.3
276078	do.	do.	do.	8.1	64.5	83	-----	3.35	3.8	88.1	4.55	2.3	50.5	6.15	6.2	100.8
276079	do.	do.	do.	8.8	66	41	-----	3.4	3.75	90.7	4.35	2.5	57.6	6.1	6.1	100
Totals	-----	-----	-----	36.4	66	49	-----	13.55	13.1	89.7	18.2	9.5	52.5	23.95	24.5	102.2
Averages	-----	-----	-----	9.1	66	49	-----	3.39	3.78	89.7	4.55	2.38	52.5	6.39	6.12	102.2

SOLOMON ISLANDS CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
227461	U. S. N. M.	Malaita	Adult	18.6	12.5	13.2	67.2	84.6	14.77	1,400	10.6	9.3	12.6	80.9	69.6	10.4	10
227456	do	Guadalcanar	do	18.4	12.5	13.4	67.9	87.1	14.77	1,365	10.6	6.5	13.1	80.9	69.6	10.1	9.6
227458	do	Savo	do	18.8	12.8	13.6	68.1	86.1	15.07	1,410	10.6	7.5	13.7	80.9	67.7	10.3	10.1
225129	do	do	do	18.8	13.7	13.4	72.9	82.2	13.30	1,370	10.6	7.5	13.5	80.9	67.7	11.8	10.7
227466	do	Malaita	do	19	14	13.8	73.7	83.6	13.60	1,470	10.6	9.95	13.5	80.9	67.5	10.4	10
Totals				(5) 93.6	(5) 65.5	(5) 67.4	(5) 70	(5) 84.7	(5) 75.51	(5) 7,015		(3) 34.75	(5) 67.4		(5) 51.6	(5) 53	(5) 50.4
Averages				18.72	13.1	13.87	70	84.7	15.10	1,403		6.95	13.48		51.6	10.6	10.08

Catalogue No.	Collection	Locality	Approximate age of subject	Alv. Angle	Facial Angle	Basion subnasal Pt.	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
227461	U. S. N. M.	Malaita	Adult	42.5	69	9.2	2.9	3.25	3.7	87.8	4.8	2.4	59	5.5	6.1	110.9
227456	do	Guadalcanar	do	47.5	67	9	2.9	3.15	3.85	81.8	4.9	2.9	59.2	5.8	6.7	116.5
227458	do	Savo	do	52	67	10.1	3.5	3.35	4.05	82.7	3.2	2.5	48.1	5.7	6.8	119.8
225129	do	do	do	38.5	67	10.1	3.5	3.35	4.15	89.7	3.5	2.9	62.7	6.9	7.2	104.4
227466	do	Malaita	do	49	67	9	3.5	3.25	4	81.2	4.7	2.5	53.2	6	6.3	105
Totals				(5) 46.5	(5) 66.5	(5) 46.3	(2) 6.4	(5) 16.35	(5) 19.75	(5) 25.1	(5) 13.2	(5) 2.64	(5) 53.6	(5) 29.9	(5) 33.1	(5) 110.7
Averages				46.5	66.5	9.26	3.2	9.27	3.95	82.8	4.50	2.64	53.6	5.98	6.62	110.7

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
227457	U. S. N. M.	Malaita	Adult	18	12.4	12.5	63.9	82.2	14.30	1,210	.....	6.2	12.4	.....	50	10.7	9.2
Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.		Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
227457	U. S. N. M.	Malaita	Adult	9		59°	34.5°	.....	3.1	3.8	81.6	4.35	2.75	63.2	6.1	6.2	101.6

NOTE.—For footnotes to reference figures see p. 104.

NEW HEBRIDES CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	$Facial\ Index,\ total\left(\frac{c}{b \times 100}\right)$	$Facial\ Index,\ upper\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
227455	U. S. N. M.	Mallhedo	Near adult	18.1	13.4	13.2	74	83.5	14.90	1,325	3.11	6.7	13.1	84	51.2	11	10.1
	Collection	Locality	Approximate age of subject		Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	$Palatal\ Index\left(\frac{l}{b \times 100}\right)$
227455	U. S. N. M.	Mallhedo	Near adult		9.4	64.5	43	3.5	3.3	3.9	84.6	4.6	2.6	56.6	5.8	6.6	113.8

NEW BRITAIN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabela ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Norton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
226113	U. S. N. M.	Gazelle Peninsula	Adult	19.4	13.4	14.7	69.1	86.6	15.83	1,515	-----	7.2	14	-----	51.4	11.2	10.8
226102	do.	do.	do.	18.8	13	13.7	69.2	84.9	13.10	1,380	-----	6.2	12.7	-----	48.8	10.5	10.4
226108	do.	do.	do.	18.6	13	13.4	69.2	86.7	13.10	1,236	-----	6.6	13.6	-----	48.6	11.4	10.4
226107	do.	do.	do.	19	13.5	14.4	71	88.3	13.63	1,390	-----	7.3	14.5	-----	50.3	11.1	10.5
226103	do.	do.	do.	17.8	12.8	13.2	71.9	86.3	14.60	1,245	811.6	7.2	13.5	-----	53.5	10.4	9.9
226117	do.	do.	do.	18	13	13	72.2	83.9	14.67	1,230	-----	6.1	13.1	-----	46.6	10	9.6
226037	do.	do.	do.	18	13	12.5	72.2	80.6	14.50	1,200	-----	6.5	13.2	-----	49.2	10.9	9.7
226111	do.	do.	do.	19.4	14.2	14.4	73.2	85.7	16.00	1,485	-----	6.4	14.5	-----	44.1	9.8	9.7
226118	do.	do.	do.	17.6	12.9	13.4	73.5	87.6	14.63	1,260	-----	6.4	13.2	-----	48.6	10.5	9.6
226099	do.	do.	do.	18.3	13.5	13.4	73.8	84.3	15.07	1,390	-----	6.5	13.2	-----	49.2	10.5	9.8
226114*	do.	do.	do.	17.5	13	13	71.3	85.5	14.50	1,010	-----	6.4	13.7	-----	46.7	10.2	9.8
226098	do.	do.	do.	18.2	13.8	12.8	75.8	80	14.83	1,310	-----	6.7	13.5	-----	49.6	10.4	10.4
226096	do.	do.	do.	18.4	14	12.8	76.1	79	13.67	1,340	-----	6.7	13.8	-----	48.6	10.8	9.8
Totals	(13)			239	173.1	174.8	(13)	(13)	195.63	17,050	-----	(13)	(13)	-----	(13)	(13)	130.3
Averages				18.98	13.52	13.45	72.5	84.9	16.05	1,312	-----	6.63	13.58	-----	48.8	10.69	10.02
Minima				17.5	12.8	12.5	69.1	79	14.50	1,010	-----	6.1	12.7	-----	44.1	9.8	9.6
Maxima				19.4	14.2	14.7	76.1	89.6	16.00	1,515	-----	7.3	14.5	-----	53.5	11.4	10.8

NOTE.—For footnotes to reference figures see p. 104.

NEW BRITAIN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
226113	U. S. N. M.	Gazelle Peninsula	Adult	9.8	68	50.5	---	3.1	3.75	82.7	4.9	2.4	49	6.5	6.95	106.9
226102	do.	do.	do.	9.4	68	50.5	---	3.2	3.75	86.8	4.4	2.6	59.1	6	6.4	106.7
226108	do.	do.	do.	9.8	64.5	45	---	3.1	3.75	82.7	4.3	2.2	51.2	6.3	6.4	101.6
226107	do.	do.	do.	9.9	66	56	---	3.1	3.7	83.8	4.8	2.6	54.2	6.7	7.25	108.2
226103	do.	do.	do.	9	65.5	51	3.6	3.4	3.9	87.2	4.75	2.7	56.8	6.1	7	114.8
226117	do.	do.	do.	8.8	68	49	---	2.85	3.75	76.2	4.2	2.3	54.8	5.7	6.3	110.6
226097	do.	do.	do.	8.4	62	42	2.9	3.15	3.9	80.8	4.5	2.4	53.8	6.2	6.9	116.8
226111	do.	do.	do.	8.4	70.5	46.5	---	3.15	3.1	80.8	4.4	2.4	54.6	5.7	6.6	104.8
226118	do.	do.	do.	9.2	64	52	---	3.05	3.85	79.2	4.05	2.4	59.2	6	6.8	113.9
226099	do.	do.	do.	9.2	68.5	39	---	3.38	3.85	87.8	5.05	2.5	49.6	5.7	6.55	114.9
226114	do.	do.	do.	9	69.5	51	---	3.1	3.75	77.8	4.35	2.6	69.8	5.9	6.3	106.8
226098	do.	do.	do.	9.4	71	56.5	---	3.1	3.8	81.6	4.7	2.2	53.2	5.5	6.9	126.4
226096	do.	do.	do.	9.5	63	48	---	3.15	4	78.7	4.65	2.6	55.9	6	6.7	111.7
Totals.				(13) 120.8	(13) 67	(13) 49.6	(2) 6.5	(13) 40.63	(13) 49.65	(13) 81.7	(13) 59.05	(13) 32.2	(13) 54.6	(13) 78.3	(13) 86.65	(13) 110.6
Averages.				9.29	67	49.6	8.25	3.12	3.82	81.7	4.61	2.48	54.6	6.02	6.66	110.6
Minima.				8.4	62	39	---	2.85	3.7	76	4.03	2.2	49	5.5	6.3	101.6
Maxima.				9.9	71	56.5	---	3.4	4	87.8	5.05	2.7	69.8	6.7	7.25	126.4

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabela ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
226105	U. S. N. M.	Gazelle Peninsula	Adult	17.4	12.2	12.3	70.1	83.1	13.97	1,220	8 10.5	6.6	13.5	77.8	48.9	10.5	9.6
226116	do.	do.	do.	17.4	12.2	12.2	70.1	82.4	13.93	1,145	-----	6.3	12.1	-----	52.1	10.5	9.4
227465	do.	do.	Near adult	16	11.6	12.2	72.6	88.4	13.27	1,000	-----	3.4	10.9	-----	49.6	9.4	9.2
226112	do.	Gazelle Peninsula	Adult	17.6	12.8	13.4	72.7	88.2	14.00	1,300	-----	6.4	-----	-----	-----	9.7	10
227464	do.	do.	do.	16.5	12	12.4	72.7	86.7	13.63	1,065	-----	6	-----	-----	62.8	9.6	9.3
226110	do.	Gazelle Peninsula	do.	17.7	13	13	73.4	84.4	14.57	1,245	-----	5.9	11.4	-----	48.4	9.8	9.4
227454	do.	do.	do.	16.8	12.4	12.6	73.8	86.5	13.93	1,155	-----	6.4	12.2	-----	-----	9.7	9.5
226115	do.	Gazelle Peninsula	do.	17	12.6	12.3	74.1	83.1	13.97	1,065	-----	6.5	12.4	-----	-----	10	9.1
226109	do.	do.	do.	17.2	12.8	13.4	74.4	89.5	14.47	1,200	-----	6.2	12.7	-----	-----	9.6	9.7
227459	do.	do.	do.	16.4	12.4	12.4	74.6	86.1	13.73	1,060	-----	6.1	12.2	-----	-----	9.6	9.4
226101	do.	Gazelle Peninsula	do.	17.0	13.4	12.6	76.1	81.3	14.53	1,220	-----	6.3	13.5	-----	-----	10.5	9.9
Totals	-----	-----	-----	(1) 187.6	(1) 137.4	(1) 138.8	(1) 73.5	(1) 85.4	(1) 154.6	(1) 12,675	-----	(1) 68.1	(1) 110.9	-----	(1) 0	(1) 108.9	(1) 104.5
Averages	-----	-----	-----	17.06	12.49	12.62	73.5	85.4	14.06	1,162	-----	6.19	12.32	-----	-----	9.9	9.6
Minima	-----	-----	-----	16	11.6	12.2	70.1	81.3	13.27	1,000	-----	5.4	10.9	-----	-----	9.4	9.1
Maxima	-----	-----	-----	17.7	13.4	13.4	76.1	89.5	14.60	1,300	-----	6.6	13.5	-----	-----	10.5	10

NOTE.—For footnotes to reference figures see p. 104.

NEW BRITAIN CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Height of Sym-physis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
226105	U. S. N. M.	Gazelle Peninsula	Adult	9	63.5	44	3	3.1	3.55	87.3	4.5	2.4	53.3	6.7	111.7	
226110	do.	do.	do.	9.1	62.5	45	---	3	3.7	81.1	4.25	2.3	54.1	6.2	105.1	
227465	do.	do.	Near adult	8.4	71.5	45.5	---	3.5	3.7	94.6	4.1	2.3	56.1	5.9	111.3	
226112	do.	Gazelle Peninsula	Adult	8.6	74	51.5	---	3.4	4.1	82.9	4.6	2.4	52.2	6.2	110.7	
227464	do.	do.	do.	8.6	69	50	---	3.1	3.65	87.9	4.65	2.2	49.4	6	115.4	
226110	do.	Gazelle Peninsula	do.	8.8	68.5	51.5	---	3.25	3.7	87.8	4.2	2.2	52.4	6	109.1	
227454	do.	do.	do.	8.4	69	45.5	---	3.1	3.45	89.9	4.6	2.3	50	6.3	114.6	
226115	do.	Gazelle Peninsula	do.	8.8	63	52.5	---	3	3.7	81.1	4.25	2.65	62.3	6	110	
226109	do.	do.	do.	8.7	72	56	---	3	3.7	81.1	4.4	2.5	56.8	5.9	111.3	
227469	do.	do.	do.	8.8	69.5	55	---	3.4	3.55	95.8	4.6	2.4	52.2	5.3	105.7	
226101	do.	Gazelle Peninsula	do.	9.2	67	41.5	---	3.3	4	82.5	4.65	2.5	53.8	6.2	105.1	
Totals				(M) 96.4	(M) 68	(M) 48.5		(M) 35.15	(M) 40.8	(M) 87.3	(M) 48.6	(M) 26.15	(M) 61.5	(M) 67.6	(M) 109.9	
Averages				8.76	68	48.5		3.2	3.71	86.2	4.42	2.38	53.9	6.14	109.9	
Minima				8.4	62.5	41.5		3	3.45	81.1	4.1	2.2	49.4	5.0	105.1	
Maxima				9.2	74	56		3.5	4.1	95.8	4.65	2.65	62.3	6.7	115.4	

SOUTH SEA ISLAND CRANIA (BLACKS)

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
225154	U. S. N. M.	-----	Adult-----	19	13	13.9	68.4	88.9	15.30	1,625	-----	6.8	-----	-----	-----	10.3	10.5
	Collection	Locality	Approximate age of subject	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
225154	U. S. N. M.	-----	Adult-----	Adult-----	9.5	72.5	57.5	-----	3.4	3.9	87.2	5.2	2.6	50	5.5	6.6	180

SOUTH SEA ISLAND CRANIA (BLACKS)—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
225279	U. S. N. M.		Adult	18.1	12.4	13.3	68.6	86.9	14.60	1,170		6.6	11.8		55.9	10.5	9.9
225156	do.		do.	17.6	12.2	12.9	69.3	86.6	14.23	1,245		9.3	11.9		52.9	9.5	9.1
Totals				35.7	24.6	26.2	(2)	(2)	(2)	(2)		12.9	23.7		(2)	(2)	(2)
Averages				17.85	12.5	13.1	68.9	86.8	14.42	1,208		9.46	11.86		54.4	10	9.5
Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Height of Sym-physis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$	
225279	U. S. N. M.		Adult	9.4	66.5	54	2.65	3.3	3.7	89.2	4.5	2.5	55.6	5.6	6.2	112.7	
225156	do.		do.	8.2	67	47.5	2.65	3.3	3.85	86.7	4.3	2.25	52.5	5.5	6.2	112.7	
Totals				(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	
Averages				8.8	66.5	50.5	(2)	6.6	3.78	87.5	4.4	2.38	54.1	6.55	6.2	112.7	

¹ Ornammentation interferes with some of the measurements.

² Near.

³ Teeth in good condition (not worn, or worn but very slightly).

⁴ Teeth slightly worn.

⁵ Left.

⁶ Right.

⁷ Painted red.

⁸ Teeth moderately worn.

⁹ Surely male.

Melanesian crania, summary of measurements

MALES

	South Sea Islands (Blacks)	Torres Straits	Solomon Islands	New Guinea	New Britain	New Hebrides
Number of skulls	(1)	(1)	(5)	(4)	(13)	(1)
<i>Vault:</i>						
Length			18.72	18.78	18.38	-----
Breadth			13.10	13.28	13.32	-----
Height			13.48	13.90	13.45	-----
<i>Cranial Index</i>			70	70.7	72.5	-----
<i>Mean Height Index</i>			84.7	87.2	84.9	-----
Module			15.10	15.27	15.05	-----
Capacity			1,403	1,418	1,312	-----
<i>Face:</i>						
m-n Height				11.2	-----	-----
alv. pt. n.			6.95	6.85	6.63	-----
Breadth			13.48	12.9	13.68	-----
<i>Facial Index, Total</i>				86	-----	-----
<i>Facial Index, Upper</i>			51.6	52.7	48.8	-----
Basion-alveolar pt. length			10.60		10.59	-----
Basion-nasion pt. length			10.08	9.97	10.02	-----
Basion-subnasal pt. length			9.26	8.93	9.29	-----
<i>Facial angle</i> (degrees)			66.5	-----	67	-----
<i>Alveolar angle</i> (degrees)			46.5	-----	49.5	-----
<i>Orbits:</i>						
Mean height			3.27	3.40	3.12	-----
Mean breadth			3.95	3.97	3.82	-----
<i>Mean Index</i>			52.8	55.7	51.7	-----
<i>Nose:</i>						
Height			5.02	4.88	4.54	-----
Breadth			2.64	2.68	2.48	-----
<i>Index</i>			52.6	54.9	54.6	-----
<i>Dental arch:</i>						
Length			5.98	-----	6.02	-----
Breadth			6.62	6.68	6.66	-----
<i>Index</i>			110.7	-----	110.6	-----
Lower Jaw: Height at Symphises			3.2	3.2	3.25	-----

FEMALES

	(2)	(4)	(1)	(6)	(11)
Number of skulls					
<i>Vault:</i>					
Length	17.85	17.58	-----	17.30	17.05
Breadth	12.30	12.15	-----	12.70	12.49
Height	13.10	12.80	-----	13.02	12.62
<i>Cranial Index</i>	68.9	69.1	-----	73.4	73.3
<i>Mean Height Index</i>	86.8	86.1	-----	87.5	85.4
Module	14.42	14.18	-----	14.26	14.05
Capacity	1,208	1,145	-----	1,191	1,152
<i>Face:</i>					
m-n Height					
alv. pt. n.	6.45	6.75	-----	-----	6.19
Breadth	11.85	12.38	-----	11.64	12.32
<i>Facial Index, Total</i>					
<i>Facial Index, Upper</i>	54.4	54.5	-----	-----	49.9
Basion-alveolar pt. length	10	10.48	-----	-----	9.9
Basion-nasion pt. length	9.50	9.88	-----	9.72	9.5
Basion-subnasal pt. length	8.80	9.10	-----	8.57	8.76
<i>Facial angle</i> (degrees)	66.5	66	-----	-----	68
<i>Alveolar angle</i> (degrees)	50.5	49	-----	-----	48.5
<i>Orbits:</i>					
Mean Height	3.30	3.39	-----	3.23	3.20
Mean Breadth	3.78	3.78	-----	3.70	2.71
<i>Mean Index</i>	87.3	89.7	-----	83.8	86.2
<i>Nose:</i>					
Height	4.40	4.55	-----	4.98	4.42
Breadth	2.38	2.38	-----	2.3	2.38
<i>Index</i>	54.1	52.3	-----	46.2	53.9
<i>Dental Arch:</i>					
Length	5.55	5.99	-----	5.70	5.59
Breadth		6.12	-----	6.08	6.14
<i>Index</i>		102.2	-----	-----	109.9
Lower Jaw: Height at Symphises				2.65	3.2

NOTES ON THE MELANESIANS

The series of this group, except that of New Britain, are too small for any definite conclusions; nevertheless they offer some fairly good indications.

It is plain that the Melanesians are not strictly homogeneous, though the differences are not great.

In general, the crania of this group are of moderate to small size; the sexual characters are ill defined; the vault is decidedly narrow and often relatively high; the face is rather weak, more or less prognathic; the orbits are not high, the nose is moderately broad, the dental arch relatively large.

SOUTH AFRICAN BUSHMEN
BUSHMEN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bitygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
1624	R. C. S.	do.	Adult.	18.5	12.7	112.5	68.6	80.1	14.57		6.6	12.6		52.4	10.9	19.8
1300-12	do.	do.	do.	13.6	13	13	69.9	82.3	14.57	11.1	6.5	12.8		50.8	9.6	9.8
* 20	C. T. U.	Between Fish and Kowie Rivers.	do.	18.1	12.9	12.6	71.3	81.3	14.53		9.3	13.1		47.4	9.7	10.3
10	do.	do.	do.	17.6	12.9	12.8	73.5	84.2	14.43	10.5	6.3	12.6		50	10	10.1
1303-1	R. C. S.	Southeast Cape Coast.	do.	18.8	13.8	12.1	73.4	74.2	14.90		6.4	12.4		51.6	9.5	9.8
1303-7	do.	do.	Adolescent	19	14	12.6	73.7	76.4	15.20		5.35	12		44.6		
1300-15	do.	do.	Adult.	13.4	13.7	12.6	74.6	73.8	14.90	11.2	6.5	12.2		51.8	9.3	9.3
* 29	C. T. U.	do.	do.	17.8	13.3	12.5	74.7	80.1	14.53			12.4		53.3		
1145	S. A. M.	Krysva Cave.	do.	18.4	13.8	12.9	76	80.1	15.09	10.2	5.9	12.4		47.6	8.7	9.4
* 18	C. T. U.	do.	do.	18.5	13.6	12.6	75.6	79.8	14.73		7.1	12.3		57.7	10.1	9.8
1303	R. C. S.	Sand dunes of Hout Bay.	do.	18.5	14	13.4	75.7	82.7	15.30	(6)	6.8	11.9		57.1	10	10.4
1303-3	do.	do.	do.	18.2	13.8	12.7	76.8	79.4	14.00			13.4				9.3
21	C. T. U.	Between Fish and Kowie Rivers.	do.	18.6	14.2	13.1	76.3	79.9	13.30			13.4				9.8
1300	R. C. S.	do.	do.	17.4	13.4	12.8	77	83.1	14.53	(7)		12.6				9.3
* 1878	S. A. M.	Roebeg Krysva.	do.	18	14.4	13	80	80.2	15.13	+ 0.3	6.4	12.6		50.8	9.8	9.6
Totals				(19) 273.9	(16) 203.5	(16) 191.2	(16) 74.5	(15) 80.1	(16) 14.86	(5) 53.20	(11) 70.15	(16) 138.2	(5) 85	(11) 51.2	(10) 96.6	(10) 135.7
Averages				18.26	13.67	12.75	74.9	80.1	14.86	10.64	6.38	12.55	85	51.2	9.66	9.69
Minima				17.4	12.7	12.1	68.6	74.2	14.43	10.2	5.35	11.9	81.8	44.6	8.7	9
Maxima				19	14.4	13.4	80	84.2	15.30	11.2	7.1	13.4	91.8	57.7	10.1	10.4

NOTE.—For footnotes to reference figures see p. 113. For footnotes to reference letters see p. 108.

BUSHMEN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
1024	R. C. S.	.....	Adult.....	8.8	69.5	54	.....	2.95	3.7	79.7	4.55	2.85	62.6	5.6	7.1	126.8
1300-12	do.	.....	do.	8.6	72	55	3.1	3.3	3.75	88	4.6	2.4	62.2	5.2	6.4	123.1
b 20	C. T. U.	Between Fish and Kowie Rivers.	do.	8.9	77	54	.....	3.05	3.65	88.6	4.95	2.6	52.5	5.3	6.3	123.5
10	do.	.....	do.	9	72.5	52.5	3	3	3.6	88.3	10.4, 6	2.4	52.2	5.6	6.2	110.7
1303-1	R. C. S.	.....	do.	8.8	73	61.5	.....	3.08	3.85	80	4.75	2.45	51.6	5	5.9	118
1303-7	do.	.....	Adolescent	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1300-15	do.	.....	do.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
a 29	C. T. U.	.....	Adult.....	8.3	70	56.5	3.3	3.05	3.65	82.6	4.4	2.25	51.1	5.3	6.5	122.6
1145	S. A. M.	Krynsa Caves.	do.	7.6	78	46.5	3.2	3.1	3.65	84.9	4.4	2.95	61.1	4.8	6.2	129.2
a 18	C. T. U.	Sand dunes of Hout Bay.	do.	7.7	78	46.5	.....	2.82	3.6	78.8	4.75	2.8	60.2	5.4	5.9	109.3
1303	R. C. S.	.....	do.	9	67	56.5	.....	2.9	3.65	79.5	4.85	2.35	49.5	5.4	5.9	109.3
1303-3	do.	.....	do.	9.1	67	56.5	.....	2.95	3.78	78	4.85	2.35	49.5	5.4	5.9	109.3
21	C. T. U.	Between Fish and Kowie Rivers.	do.	8.8	64	49	.....	3.1	3.65	84.9	4.9	2.45	50	5.5	7.1	129.1
f 1300	R. C. S.	.....	do.	8	69	48	.....	2.82	3.7	76.2	10.4, 4	2.9	65.9	5.6	6.2	110.7
• 1878	S. A. M.	Roeberg, Krysne.	do.	8.6	69	48	m 2.9	1 3.4	3.78	90	10.4, 6	2.45	53.3	5.6	6.2	110.7
Totals.....				119.8	(10)	(10)	(3)	(14) 74	51.06	(11)	(14)	(10)	(10)	(10)	(10)	(00)
Averages.....				8.56	71	52.5	15.5	42.74	3.69	82.7	65	36.6	62.6	53.1	63.8	120.2
Minima.....				7.6	64	46.5	2.9	3.05	3.6	76.2	4.4	2.25	49.5	4.8	5.9	109.3
Maxima.....				9.1	78	61.5	3.3	3.4	3.85	90	4.95	2.95	67	5.6	7.1	129.2

• Lateral incisors shovel-shaped, medians slightly.

• Known in life.

• Lateral upper incisors shovel-shaped, medians slightly.

• Female-like; skeleton though small is decidedly male.

• Surely male.

• Sex questionable.

• Somewhat marked signs in orbits of symmetric osteoporosis.

• Marked infraorbital notch.

• Inter-dacryon diameter=3.4.

• Slight infranasal shelves.

• Moderate infranasal shelves.

• Alveolar process swollen externally, both sides.

• Rather marked infraorbital notch, each side.

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad max.)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
^a 23	S. A. M.		Adult	18.4	13.3	12.6	72.9	79.8	14.77		5.7	12.2		66.7	9.3	10.1
^a 2	do.		do.	17.2	12.4	12.3	72.9	81.6	13.80		5.7	12.2		66.7	9.5	9.6
^a 1300-17	R. C. S.		do.	17.2	12.6	12.3	73.3	82.6	14.08	^b 10.9	3.9	11.8		66.7	9.5	9.4
1451	S. A. M.	Kryšna Cave.	do.	17.1	13	12.2	76	82.6	14.08	9.5	3.35	11.8		66.7	9.6	9.6
12	do.		do.	17.5	13.6	12.2	77.7	82.6	14.43	9.4	3.6	12.4		66.7	9.6	9.6
A	do.	Sand dune, Mussel Bay.	do.	17.1	13.5	12.3	79	80.4	14.30	9.4	3.7	11.3		66.7	8.9	8.7
Totals.				^(c) 104.3	^(c) 78.4	^(c) 61.4	^(c) 76.2	^(c) 80.6	^(c) 14.27	^(c) 29.8	^(c) 28.95	^(c) 69.7	^(c) 34.9	^(c) 68.2	^(c) 46.8	^(c) 47.3
Averages.				17.38	13.07	12.88	76.2	80.6	14.27	29.8	28.95	71.94	34.9	68.2	46.8	47.3

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
^a 23	S. A. M.		Adult	8.6	0	0		11	1.12	79.5	9.4.5	1.2.8	62.2	5.8	5.8	113.7
^a 2	do.		do.	8.6	74	54		3.1	3.75	82.7	10.4.1	2.5	61	5.1	5.1	105.4
^a 1300-17	R. C. S.		do.	8.3	69	52	^b 2.0	1.3	3.4	83.2	4.5	2.6	67.8	5.9	5.9	120.4
1451	S. A. M.	Kryšna Cave.	do.	8.3	69	52	3	3.25	3.6	90.5	4	2.4	60	5.8	5.8	120.8
12	do.		do.	8.5	72	41	3	3.0	3.52	86.2	9.4.35	2.7	62.1	6	6	117.6
A	do.	Sand dune, Mussel Bay.	do.	8	69	57.5	3.1	3.1	3.35	82.6	9.3.8	2	52.6	5.3	5.3	108.2
Totals.				^(c) 42	^(c) 73.5	^(c) 51.5	^(c) 9	^(c) 3.09	^(c) 21.52	^(c) 86.1	^(c) 25.25	^(c) 15	^(c) 69.4	^(c) 25.5	^(c) 28.8	^(c) 112.9
Averages.				8.4	73.5	51.5	9	3.09	21.52	86.1	25.25	15	69.4	25.5	28.8	112.9

NOTE.—For footnotes to reference figures see p. 113.

^b Marked infraorbital notch.^c Sex questionable.

HOTTENTOT

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
1296	R. C. S.		Adult	18.6	13	13.8	69.9	87.8	15.13	13 11.3	6.4	13.8	81.9	46.4	11.3	10.7
1303-6	do.		do.	18.8	13.6	13.2	72.3	81.5	13.20	10.5	3.2	13.1	81.9	47.8	10.1	10.2
1268	S. A. M.	Orange River	do.	18.2	13.2	13	72.5	82.8	14.80	10.5	6	12.7	82.7	47.2	9.8	9.6
♂ 14	do.		do.	18.6	13.9	13.2	74.7	81.5	15.23	7.1	7.1	13	82.7	54.6	9.9	10.4
Totals				(9) 74.2	(9) 53.7	(9) 53.2	(9) 72.4	(9) 83.2	(9) 15.09	(9) 21.8	(9) 25.7	(9) 52.6	(9) 82.8	(9) 48.8	(9) 41.1	(9) 40.9
Averages				18.59	13.42	13.3	72.4	83.2	15.09	10.9	6.42	13.15	82.8	48.8	10.28	10.22

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
1296	R. C. S.		Adult	10	68	47	3.7	3.12	4.2	74.8	94.5	2.65	68.9	6.1	6.5	109.6
1303-6	do.		do.	9.4	73	63	3.1	3.7	3.7	83.8	104.45	2.68	69.5	5.2	6.3	191.2
1268	S. A. M.	Orange River	do.	8.8	70.5	49	3.2	2.85	3.48	84.8	104.5	2.6	67.8	3.5	6.6	120
914	do.	do.	do.	9	73.5	62	3.2	3.2	3.78	84.6	4.7	2.65	66.4	3.7	6.7	117.5
Totals				(5)	(4)	(6)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Averages				37.2	71.5	55.5	6.9	12.37	15.16	81.5	18.15	10.55	68.1	22.5	26.1	116
				9.3			3.45	3.09	3.79		4.54	2.64		5.62	6.52	

* Upper left lateral incisor markedly shovel-shaped, medians trace. Slight infraorbital notch, right, moderate left. Characters in general those of the negro.
 † Identification questionable.
 • Marked infraorbital notch.

NOTE.—For footnotes to reference figures see p. 113.

HOTTENTOT—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
30	S. A. M.	Namaqualand	Adult	18.4	13.4	12.7	72.8	79.5	14.83	10.7	6.3	12.6	84.9	60	9.2	9.7
10	do.	do.	do.	17.1	13	12.2	76	81.5	14.10	11	6.5	12.7	86.6	61.2	9.5	9.4
31	do.	do.	do.	17.8	13.6	12	76.4	76.4	14.47	10.4	6.7	12.4	83.9	64	8.1	9.4
29	do.	do.	do.	17.2	13.8	12.1	80.2	78.1	14.37	10.7	6.7	12.2	87.7	64.9	6.3	9
Totals				(0) 70.5	(0) 53.8	(0) 40	(0) 76.3	(0) 78.8	(0) 14.44	(0) 42.8	(0) 26.2	(0) 49.9	(0) 85.7	(0) 62.5	(0) 37.1	(0) 37.5
Averages				17.62	13.46	12.25	76.3	78.8	14.44	10.7	6.56	12.48	85.7	62.5	6.28	9.38

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
30	S. A. M.	Namaqualand	Adult	8.4	75	53.5	3.3	3.12	3.65	85.6	94.95	2.8	56.6	4.9	6.1	124.5
10	do	do	do	8.6	69	57.5	3.2	3.3	3.65	90.4	104.65	2.55	64.8	5	6.3	126
31	do	do	do	8.4	71.5	61	2.75	3.3	3.6	91.7	94.95	2.55	61.5	4.9	5.8	118.4
29	do	do	do	8.2	66	54	3.2	3.1	3.7	83.8	104.6	2.55	55.4	5.2	5.7	109.6
Totals				33.6	()	()	()	()	()	()	()	()	()	()	()	()
Averages				8.4	70.5	57	3.11	12.82	14.6	87.7	19.15	2.61	54.5	20	23.9	119.6

* Defects, not marked, of lower orbital border, as in the negroes.

* Inter-dacryon diameter=2.9.

- 1 Near.
- 2 Teeth in good condition (not worn or worn but very slightly).
- 3 Teeth nearly in good condition.
- 4 About.
- 5 Teeth medium worn (more than moderate).
- 6 Incisors missing.
- 7 Absorption of alveolus.
- 8 Teeth somewhat worn.
- 9 Lower border distinct.
- 10 Lower border nearly distinct.
- 11 Approximate.
- 12 Right.
- 13 Teeth moderately worn.
- 14 Teeth slightly worn.
- 15 Left.
- 16 Right.

SOUTH AFRICAN NEGROES
SOUTH AFRICAN NEGRO CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
1255	S. A. M.....	Mahahanga, Southern Rhodesia.	Adult.....	19.5	13	13	69.7	80.2	15.17	11.7	6.8	13.1	89.3	51.9	10.4	10.2
3052	do.....	Swakopmund.....	do.....	19	12.7	12.4	66.8	78.5	14.70	11.9	7.3	13.6	92.7	53.7	10.7	10.2
1464	do.....	Damaraland.....	do.....	18.1	12.2	13.1	67.4	86.2	14.47	11.9	6.9	12.9	92.2	53.5	9.7	10.1
3476	do.....	Ovambo.....	do.....	18.6	12.6	12.8	67.7	82	14.67	11.8	7.3	13.7	92.2	53.3	10.8	10.4
1555	do.....	do.....	do.....	19.9	13.5	13.9	67.8	83.2	15.77	11.8	7	12.8	92.2	54.7	10	10
1868	do.....	"Southwest Protectorate"	do.....	20.2	13.9	12.6	63.8	74.1	15.40	11.2	6.9	13.2	84.2	53.3	10	10.2
a 25	do.....	do.....	do.....	19.2	13.2	13.8	68.8	85.2	16.83	12.4	6.4	13.3	87.6	53.1	11.2	10.9
(b)	do.....	do.....	do.....	21.3	14.7	14.5	69	80.6	16.83	12.4	7.3	14	88.6	52.1	11.2	11.4
3036	Dr. Drennan's	"Cape"	do.....	18.8	13	13.9	69.2	87.4	15.23	11.9	7	13.5	85	51.8	9.7	10.6
3035	S. A. M.....	Ovambo.....	do.....	19	13.2	14.3	69.5	89.4	15.50	11.9	7.3	14	85	52.1	11.7	10.8
3473	do.....	Ovamboland.....	do.....	18.9	13	14	69.5	87.5	15.33	11.9	7.5	13.6	85	52.1	10.3	11
168	do.....	Ovambo.....	do.....	19	13.2	14.3	69.5	88.7	15.20	11.9	7.5	13.6	85	52.1	11.1	10.5
3477	do.....	Ovambo.....	do.....	18.7	13	13.9	69.5	88.7	15.20	11.9	7.6	13.5	85	52.1	11.1	10.5
3483	do.....	do.....	do.....	19.1	13.4	13.4	70.2	89.7	15.20	11.9	7	13	85	52.1	11.1	10.8
3489	do.....	do.....	do.....	19.2	13.5	13.4	70.3	89.7	15.20	11.9	7	13	85	52.1	11.1	10.3
e 166	do.....	Kowie.....	do.....	19	13.4	13.2	70.6	81.6	15.20	11.9	7	13.8	85	52.1	10.9	10.7

26	C. T. U.	do.	13.2	70.7	78.1	15.67	6	12.9	46.5	9.8	10
31	do.	do.	13.8	77.1	80.7	15.53	7	13.4	51.5	10.2	10.4
14	S. A. M.	do.	13.2	71.4	81	14.83	6.9	13.4	47.9	10.3	10.3
163	do.	do.	14.1	82.9	83.5	16.07	7	14.6	60	11.3	10.9
4 3490	do.	do.	13	71.4	83.5	14.73	7.8	13	47.8	10.3	9.7
3041	do.	do.	13.1	72	86.5	14.95	7.8	13.4	60	10.3	10.2
3694	do.	do.	14.5	72.1	78.6	16.07	6.7	14.1	47.5	10.6	10.4
• 1465	do.	do.	12.9	72.6	88.5	14.77	6.6	13.8	83.3	10.4	10.1
3483	do.	do.	14	73.7	83	15.57	17.1	13	54.6	10.3	10.3
3087	do.	do.	13.8	74.6	85.2	15.37	7.1	12.9	55	10.3	10.6
3739d	do.	do.	13.9	74.7	82.7	15.30	7.1	12.9	55	9.9	10.1
1866	do.	do.	13.7	75.3	83.1	15.07	7.1	12.9	55	9.9	10.1
	Salsbury, Northern Rhode- sla.	do.	13.6	75.6	84.8	15	6.9	13.1	52.7	10.3	10.4
3467	do.	do.	14	75.7	84	15.37	6.7	13.4	50	10.1	10.4
1884	do.	do.	13.5	75.8	85.7	15.10	6.7	12.9	51.9	10.5	10.8
3038	do.	do.	14.9	77.2	80.7	16	6.4	12.3	52	9.3	9.6
12	do.	Near adult	13.8	78	81	14.77	6.7	12.7	52.8	10.2	10.2
16	C. T. U.	Adult	13.8	78	81	14.77	6.7	12.7	52.8	10.2	10.2
• 3	S. A. M.	do.	14.6	78.5	81.9	15.60	6.7	12.7	52.8	10.2	10.2
Totals			(30) 643.6	(34) 457.9	(31) 481.9	(30) 128.3	(33) 194.9	(39) 386.9	(47) 292.2	(38) 202.2	(34) 353.7
Averages			460.2	457.9	481.9	128.3	194.9	386.9	292.2	202.2	353.7
Minima			13.64	71.5	82.9	15.31	6.96	13.37	52.9	10.44	10.4
Maxima			17.7	66.7	74.1	14.47	6	12.3	46.5	9.5	9.6
			14.9	73.5	89.7	16.83	7.8	14.6	60	11.7	11.4

NOTE.—For footnotes to reference figures see p. 113. For footnote to reference letters see p. 117.

SOUTH AFRICAN NEGRO CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Av. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
1255	S. A. M.	Mahalanga, Southern Rhodesia.	Adult	9.1	69	48.5	3.5	3.55	4	88.7	94.8	2.7	59.2	5.6	9.5	116.1
3052	do.	Swakopmund	do.	9.5	66	50.5	---	3.38	3.9	86.7	95.3	2.85	63.8	5.8	6.8	117.2
1464	do.	Demaraland.	do.	8.6	73	53.5	3.3	3.38	3.7	91.4	94.9	2.65	64.1	5.1	6.7	131.4
3476	do.	Ovambo.	do.	9.2	68	42	---	3.02	3.55	89.1	93.3	3.15	69.4	6.3	7.6	130.6
185	do.	do.	do.	8.9	69.5	58	3.7	3.3	3.8	86.8	94.56	2.9	67.7	5.9	6.1	103.4
1868	do.	do.	do.	9.2	72	61	---	2.92	3.75	77.9	94.95	2.55	51.5	5.3	6.5	122.6
• 25	do.	"Southwest Protectorate"	do.	10.3	71	52.5	3.6	3.38	3.85	87.8	94.9	3	61.2	6.9	6.9	117
3036	Dr. Drennan's.	do.	do.	10.2	73	55.5	3.6	3.22	4	80.5	105.4	3.15	68.2	6.1	7.2	118
3035	S. A. M.	do.	do.	8.7	77	59	---	3.3	3.7	89.2	94.8	2.5	62.1	5.3	6.7	126.4
3473	do.	Ovamboland.	do.	10.3	64.5	52.5	3.8	3.35	3.35	100	94.75	2.85	60	6.3	6.9	109.5
168	do.	do.	do.	9.6	74.5	66.5	---	3.4	3.8	89.5	95.1	2.45	48	5.7	7.3	128.1
3477	do.	Ovambo.	do.	9.6	65.5	51.5	---	3.42	3.75	91.2	94.95	3.85	77.8	6.4	6.6	103.1
3403	do.	do.	do.	9.8	70	56	---	3.5	3.9	89.7	94.6	2.95	64.1	6	7.2	120
3469	do.	do.	do.	9.7	---	---	---	3.38	3.85	87.8	95	3.1	62	---	---	---
• 166	do.	Kowis.	do.	9.8	69.5	56	---	3.4	3.9	87.2	94.75	3.05	64.2	5.7	6.7	117.5

26	C. T. U.	do.	74.5	53	3.28	3.6	91.1	4.5	2.75	61.1	5.9	6	101.7
31	do.	do.	72	60	3.4	3.9	87.2	5.2	2.8	53.8	5.2	6.8	130.8
14	S. A. M.	do.	70.5	63	3.25	3.75	86.7	4.7	2.8	59.6	5.6	6.6	116.1
153	do.	do.	68.5	50	3.05	3.8	80.3	4.9	2.9	59.2	6.2	7.3	117.7
3490	do.	do.	do.	do.	3.28	3.8	86.5	4.9	2.8	57.1	do.	do.	do.
3041	do.	do.	67	54	3.5	3.7	94.6	5.2	2.6	50	5.9	6.6	111.9
3694	do.	do.	70	53	3.38	4.2	80.5	4.75	2.8	59	do.	do.	do.
3483	do.	do.	69	47	3.35	3.7	90.5	4.55	2.75	60.4	5.9	6.6	111.9
3037	do.	do.	72.5	57	3.42	3.9	87.7	4.9	2.55	59.2	do.	do.	do.
3739d	do.	do.	do.	do.	3.4	3.75	90	4.8	2.9	60.4	1 6.6	6.5	116.1
1866	do.	do.	70.5	65	3.25	3.62	89.8	4.95	2.75	55.6	5.3	6.4	130.8
3467	do.	do.	71.5	57.5	3.62	3.75	86.6	5.05	2.7	53.5	5.7	6.8	119.5
1884	do.	do.	do.	do.	10 3.2	3.7	86.5	do.	do.	do.	do.	do.	do.
3038	do.	do.	73.5	51.5	3.38	3.65	91.9	4.55	2.7	50.9	5.6	6.1	108.9
12	do.	do.	74	64	1 3.35	3.95	84.8	4.8	2.55	53.1	5.7	6.8	119.5
16	C. T. U.	Near adult	73	64	3.25	3.75	86.7	4.3	2.5	58.1	5.2	6.4	123.1
e 3	S. A. M.	Adult	71	51	3.08	3.85	80	5.1	2.75	53.9	5.6	6.3	112.5
Totals			(33)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(47)
Averages			28	56.5	106.34	121.23	151.2	40.55	87.3	61.1	154.8	130.8	116.9
Minima			9.37	55.5	3.32	3.74	4.83	3.28	2.82	57.8	6.78	6.7	101.7
Maxima			10.3	66.5	2.92	3.85	5.4	4.1	2.45	48	5.1	6	131.4

f Moderate intranasal shelves.
 g Medium intranasal shelves.
 h Asymmetrical.
 i Slight intranasal shelves.

a Kafir; whole skeleton.
 b "Boskop-like."
 c Kafir.
 d Sex questionable.
 e Surely male.

NOTE.—For footnotes to reference figures see p. 113.

SOUTH AFRICAN NEGRO CRANIA—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max.	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
3739c	S. A. M.	Ovambo.	Adult.	18.7	12.6	12.9	67.4	82.7	14.73							
3479	do.	do.	do.	18	12.5	12.9	69.4	84.9	14.47		5.9	12	14.47	49.2	9.7	10
3470	do.	do.	do.	17.6	12.4	12.4	70.4	82.7	14.13		6.6	12.3	14.13	53.7	10.1	9.5
3475	do.	do.	do.	17.5	12.4	13.3	70.9	88.7	14.40		6.5	12.1	14.40	53.7	9.9	9.7
3739a	do.	do.	do.	17.9	12.7	12.8	71.4	83.7	14.47		16.8	12.4	14.47	54.8	10.4	10.2
1867	do.	Near Salisbury Northern Rhodesia.	do.	18.9	13.5	12.8	71.4	79	15.07							
3471	do.	do.	do.	18	12.9	12.6	71.7	81.8	14.50		9.8	12.6	14.50	54	9.6	8.8
3494	do.	do.	do.	18.4	13.2	12.1	71.7	78.5	14.67							10.1
3739b	do.	do.	do.	18.4	13.2	13	71.7	82.3	14.87							
3481	do.	Ovambo.	do.	18.1	13	13.6	71.8	87.2	14.90	7		12	14.90	58.3	9.7	9.6
3492	do.	do.	do.	17.6	12.7	13.4	72.2	88.2	14.57	6.3		12.2	14.57	51.6	9.5	9.9
1463	do.	Damaraland.	do.	18.3	13.3	13.6	72.7	86.1	15.07	6.3		12.6	15.07	51.2	10.1	10
3478	do.	Ovambo	do.	16.7	12.2	12.9	73	88.2	13.87	13 10.3	6.3	12.3	13.87	51.2	10.5	10.1
1869	do.	Herero South West Africa.	do.	17.8	13	12.9	73	83.8	14.57		6.2	12.4	14.57	52.8	9.4	9.7
3486	do.	Ovambo	do.	18.1	13.3	13	73.4	86.7	14.77		6.85	12.4	14.77	55.2	10.3	9.9
3040	do.	do.	do.	17.3	13	12.9	73.4	82.9	14.33		6.5	12.2	14.33	53.5	9.3	9.3
3491	do.	do.	do.	17.9	13.2	13.4	73.7	85.9	14.53		6.5	12.2	14.53	53.5	9.3	9.3
3469	do.	do.	do.	17.8	13.2	12.8	74.2	82.6	14.60		17	12.8	14.60	64.7	110.3	10
3487	do.	do.	do.	19	14.1	12.8	74.2	82.6	14.60		6.7	13.4	14.60	64.7	110.3	10
3488	do.	do.	do.	18	13.4	14	74.4	89.2	15.13		6.8	12.8	15.13	53.1	10.3	10.4
3468	do.	do.	do.	17.6	13.1	12.9	74.4	83.8	14.53		6.6	12.9	14.53	46.6	9.1	9.4
3484	do.	do.	do.	16.8	13.3	13.6	75.1	87.7	14.87		6.6	12.9	14.87	46.6	10.3	9.9
3480	do.	do.	do.	16.8	12.7	12.4	75.6	83.8	13.97		16.2	11.4	13.97	50	10.2	9.1
3482	do.	do.	do.	17.3	13.1	12.4	75.7	81.6	13.97		6.4	11.8	13.97	54.2	9.5	9.5
3472	do.	do.	do.	17.6	13.4	13.9	76.1	89.7	14.97		6.8	13.1	14.97	51.9	10.7	10.4
3485	do.	do.	do.	17.4	13.4	13.1	77	85.1	14.63		6.5	12.4	14.63	52.4	10.4	9.2
Totals.				464.4	338.5	338.5	(49)	(49)	(50)	10.3	(51) 35	(51) 2	(52)	(50)	(51)	(52)
Averages.				17.86	13.02	13.02	72.9	84.3	14.63		6.64	12.44	14.63	52.6	206.7	233.9
Minima.				16.7	12.2	12.4	67.4	77.1	13.87		5.9	11.8	13.87	46.6	9.1	8.8
Maxima.				19	14.1	14	77	89.7	15.30		7	13.4	15.30	58.3	10.7	10.4

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
3739c	S. A. M.	Ovambo	Adult	8.7	73.5	53	3.25	3.5	92.9	10.4.2	2.6	61.9	6.4	118.5		
3479	do.	do.	do.	9.9	66	53	2.95	3.6	81.9	9.4.4	2.8	63.6	6.4	112.3		
3470	do.	do.	do.	8.8	69	54	3.15	3.62	87	9.4.2	2.45	58.9	6.3	112.5		
3739a	do.	do.	do.	9.3	69	53.5	3.02	3.65	99.2	10.4.8	2.75	67.9				
1867	do.	Near Salisbury Rhodesia.	Northern				13.2									
3471	do.	Ovambo	do.	8.2	62	49	3.05	3.48	87.6	9.4.5	2.85	63.9	5.6	123.2		
3494	do.	do.	do.													
3739b	do.	Ovambo	do.	8.2	68	46.5	3.28	3.6	91.1	9.4.8	2.9	69.4	6.6	116.8		
3481	do.	do.	do.	8.8	74.5	61.5	3.18	3.62	87.8	9.4.55	2.6	57.2	5.5	110.9		
3492	do.	do.	do.	8.8	74.5	61.5	3.18	3.5	90.8	9.4.4	2.65	60.2	5.9	108.5		
1463	do.	Damaraland	do.	9	71	50.5	3.5	3.5	85.7	4.4	2.5	56.8	5.4	109.3		
3478	do.	Ovambo	do.	9.2	68.5	50.5	1.2.7	3.5	89.7	10.4.5	2.85	53.3	5.6	108.9		
1869	do.	Herero South West Africa	do.	8.6	74	56.5	3.5	3.55	93.6	10.4.9	2.6	54.8	1.6	120		
3486	do.	Ovambo	do.	8.6	67.5	48.5	3.38	3.65	92.6	10.4.9	2.6	53.1	5.8	103.4		
3040	do.	do.	do.	8.4	69.5	57.5	3.6	3.75	89.7	9.4.5	2.95	65.6	6	103.4		
3491	do.	do.	do.	8.9	67.5	48.5	3.6	3.8	91.7	9.4.85	2.85	58.8	5.3	122.6		
3469	do.	do.	do.	8.4	69.5	50.5	3.38	3.8	83.9	9.4.9	2.9	59.2	6.8	117.9		
3487	do.	do.	do.	8.4	69.5	50.5	3.38	3.8	83.9	9.4.9	2.9	59.2	6.8	117.9		
3488	do.	do.	do.	9	72	40.5	3.62	3.8	89.3	10.4.85	2.6	53.6	6.4	116.1		
3483	do.	do.	do.	9	72	40.5	3.62	3.8	89.3	10.4.85	2.6	53.6	6.4	116.1		
3468	do.	do.	do.	8.2	74	56	3.25	3.7	87.3	10.4.3	2.5	53.1	5.4	124.1		
3484	do.	do.	do.	9.1	68	52	3.2	3.55	90.1	4.5	2.6	57.8	6.7	108.8		
3480	do.	do.	do.	8.2	70	52	3.1	3.6	86.1	4.5	2.9	64.4	5.7	108.8		
3482	do.	do.	do.	8.6	70	57.5	3.45	3.55	87.2	9.4.55	2.7	59.3	6.2	119.2		
3472	do.	do.	do.	8.6	62	46.5	3.38	3.7	91.4	4.6.5	2.9	62.4	7.1	118.3		
3485	do.	do.	do.	8.4	68.5	57	3.08	3.3	93.4	10.4.55	2.55	56	5.9	111.3		
Totals				191.9	72.1	52	9.4	72.1	70.72	100.45	50.55	63.9	117	133.9	67	
Averages				8.72	69.5	52	3.15	3.62	90.6	4.56	2.71	59.4	5.67	114.5	6.98	
Minima				8.2	62	46.5	2.7	2.95	80	4.2	2.45	53.1	5	103.4	5.9	
Maxima				9.3	74.5	61.5	3.5	3.9	99.2	4.9	2.95	65.6	6	124.1	7.1	

* Surely male.

* Zygoma malelike, mastoids semi-malelike, but other features female.

NOTE.—For footnotes to reference figures see p. 113.

Comparison of measurements

MALE

Group	No.	Diam. antero-posterior maxium. (glabella ad maxium)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Orbits—Height, mean	Lower Jaw, Height of Symphysis	Alv. Angle	Racial Angle	Basion subnasal Pt.	Group	Basion subnasal Pt.	Racial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
Bushmen	(15)	18.26	13.57	12.75	74.8	80.1	3.69	3.1	53.5	71	8.56	Bushmen	8.56	71	53.5	3.1	3.05	3.69	82.7	4.04	2.61	56.8	5.31	6.38	120.2
Hottentot	(4)	18.55	13.42	13.3	72.4	82.2	3.79	3.45	55.5	71.5	9.3	Hottentot	9.3	71.5	55.5	3.09	3.09	3.79	81.5	4.54	2.64	58.1	5.62	6.52	116
South African Negro	(34)	18.95	13.54	13.47	71.6	82.9	3.79	3.58	55.5	70.5	9.37	South African Negro	9.37	70.5	55.5	3.32	3.79	3.79	87.6	4.88	2.82	57.8	6.7	6.7	116.9

FEMALE

Group	No.	Measurements										Indices				
		Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)	Palatal Index $\left(\frac{l}{b \times 100}\right)$	Index of the Upper Dental Arch
Bushmen.....	(6)	17.38	13.07	12.28	76.2	80.6	14.27	9.93	5.79	11.94	84.9	48.6	9.36	9.46	112.9	15
Hotentot.....	(4)	17.62	13.45	12.25	76.3	78.8	14.44	10.7	6.55	12.48	86.7	52.5	9.28	9.33	119.6	8
South African Negro.....	(26)	17.86	13.02	13.02	72.9	84.3	14.63	10.3	6.54	12.44	82.4	52.6	9.84	9.76	114.6	48
Group		Basion subnasal Pt.	Facial angle	Alv. angle	Lower Jaw, Height of symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max. <td>Nasal Index</td> <td>Palate, external Length (l)</td> <td>Palate, external Breadth, max.</td> <td></td> <td></td> <td></td>	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max.			
Bushmen.....		8.4	73.5	51.5	3	3.09	3.59	86.1	4.21	2.5	69.4	5.1	5.76			
Hotentot.....		8.4	70.5	57	3.11	3.2	3.65	87.7	4.79	2.61	64.6	5	5.98			
South African Negro.....		8.72	69.5	52	3.13	3.28	3.62	90.6	4.56	2.71	69.4	5.57	6.38			

• In two skulls only.

• Could be measured in one skull only.

Bushmen, Hotentots, and South African negroes contrasted

(Both sexes taken together)

Group	Cranial Index	Mean Height Index	Cranial Module	Facial Index, Upper	Facial Angle	Orbital Index	Nasal Index	Index of the Upper Dental Arch
Bushmen.....	(21) 74.6	(20) 80.2	(20) 14.71	(16) 50.4	(14) 72	(20) 83.7	(20) 57.2	(15) 117.8
Hotentots.....	(8) 74.4	(8) 81	(8) 14.76	(8) 50.6	(8) 71	(8) 84.6	(8) 56.3	(8) 117.8
S. A. Negro.....	(60) 72.1	(60) 83.5	(60) 15.01	(47) 52.4	(49) 70	(54) 88.8	(53) 55.5	(48) 115.9

SOUTH AFRICAN BUSHMEN, HOTTENTOTS, NEGROES

The material of these series leaves much to be desired, particularly in the cases of the Hottentot and the Bushmen. Such as it is, however, it gives the following indications:

BUSHMEN

The Bushmen show extensive variation in the cephalic index (males, 68.6-80), in the upper facial index (males, 44.6-57.7), in the orbital index (males, 76.2-90), and in the nasal index (males, 49.5-65.9).

The vault is decidedly low.

The size of the head is small.

The face is small.

The orbits are prevalently low, the nose broad.

The "palate" (dental arch) is short and relatively broad, giving high index.

HOTTENTOTS

In every item the eight Hottentots that could be measured give average values so close to those of the Bushmen that no clear distinction of the two is possible. So far as these series are concerned, we are obviously confronted by one basic type only and that, in the Bushman, probably a degenerate rather than a pure racial type.

NEGROES

The series of specimens in this group is rather fair and shows well the main characteristics of the group.

The skull of the South African (Bantu) negro differs, though on the whole not really greatly, from that of the Bushman and Hottentot. It is more uniform. It is longer, so that the cephalic index is somewhat lower; the vault is somewhat higher; the skull as a whole is a little larger, but this is discounted by the greater stature and mass of the negro; the face is higher and more prognathic; the orbits are higher, the nose and palate somewhat broader than in the Bushman and Hottentot.

When studied more in detail, nevertheless, the two strains—that is, the Bushmen and Hottentot on one side and the negro on the other—show decided and important relations.

NEGROES (AFRICAN AND AMERICAN)
(BRITISH) EAST AFRICA NEGRO CRANIA
MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxium (glabella ad maxium)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxium. (c)	Facial Index, total (a × 100) ^c	Facial Index, upper (b × 100) ^c	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
257588	U. S. N. M.	Nairobi.	Adult	18.8	12.9	12.6	63.6	79.8	14.77	1,265		6.8	12.5		64.4	10.8	9.9
257591	do.	do.	do.	18.6	12.8	12.5	68.8	79.6	14.63	1,320		6.7	12.5		64.4	9.9	9.7
257540	do.	Fort Hall.	do.	18.5	13.1	13.4	70.8	84.8	15.00	1,460		7.6	12.9		68.9	10.5	10.6
273201	do.	Sagalla.	do.	18.6	13.3	13.2	71.5	82.5	15.03	1,350		6.9	12.9		64.3	9.9	9.8
257585	do.	Nairobi.	do.	18.6	13.3	12.0	71.5	80.6	14.93	1,430		7	12.9		64.3	10	9.9
257589	do.	do.	do.	18.3	13.2	13.6	72.1	86.1	15.03	1,425		6.7	12.9		64.3	10.3	10.1
257546	do.	Fort Hall.	do.	18.3	13.2	13.4	72.1	84.8	14.97	1,450		6.9	12.8		63.9	9.5	10
273204	do.	Near Sagalla.	do.	17.9	13.5	13.1	72.2	81.4	15.10	1,355		6.9	13.3		61.9	1.7	9.9
257579	do.	Nairobi.	do.	17.9	13	13.7	72.6	84.4	14.63	1,400		6.5	12.9		60.4	1.9	10.2
257596	do.	do.	do.	18.4	13.4	13.7	72.8	86.2	15.17	1,470		7.2	13.1		66	1.1	10.6
273207	do.	Near Sagalla.	do.	19	13.9	13.6	73.2	82.9	15.50	1,550		7.9	13.6		68.1	1.0	10.3
257594	do.	Near Naivasha.	do.	18.6	13.7	13.1	73.7	80.9	15.13	1,310		7	13.3		62.6	10.2	10.1
257582	do.	Nairobi.	do.	17.3	13.8	13.8	79.9	83.3	14.70	1,340		6.85	12.4		55.2	9.8	9.9
257597	do.	do.	Near adult	17.4	13.9	13.8	79.9	88.5	15.03	1,490		6.85	12.4		55.2	9.8	10.2
Totals				(40) 257	(40) 187	(40) 184.9	(44) 72.8	(44) 83.3	(40) 209.62	(44) 19,615	(43) 90.95	(40) 123.7	(40) 123.7	(40) 131.7	(40) 64.5	(43) 131.7	(44) 141.1
Averages				18.86	133.6	13.21	72.8	83.3	14.97	1,401		7	12.97		64.5	10.15	10.08
Minima				17.3	12.8	12.5	68.6	79.6	14.63	1,265		6.5	12.4		60.4	9.5	9.7
Maxima				19	13.9	13.8	74.9	88.5	15.90	1,550		7.9	13.6		68.9	11.1	10.6

⁶ Teeth in good condition (not worn or but very slightly worn).

⁷ Teeth much worn.

⁸ Teeth slightly worn.

⁹ About.

¹ Near.

² Right.

³ Left.

⁴ Short.

⁵ Teeth moderately worn.

(BRITISH) EAST AFRICA NEGRO CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
257588	U. S. N. M.	Nairobi	Adult	9.2	64	46	3.3	3.8	86.8	4.4	2.8	63.6	6.3	6.1	96.8
257591	do.	do.	do.	8.7	69	52	3.4	3.8	89.5	4.6	2.7	58.7	5.7	6.6	116.8
257540	do.	Fort Hall	do.	8.8	69.5	44.5	3.48	4	87	5.3	2.7	50.9	5.9	6.8	116.2
273201	do.	Sagalla	do.	9.7	68.5	53	3.4	3.8	89.5	4.7	2.4	51.1	5.6		
257595	do.	Nairobi	do.	8.8	69	58.5	3.35	3.68	91	4.7	2.5	53.2	5.5	6.4	116.4
257589	do.	do.	do.	9.1	69.5	51.5	3.35	3.75	89.5	4.7	2.5	53.2	5.7	6.35	114.4
257546	do.	Fort Hall	do.	8.5	73	55.5	3.1	3.5	88.6	4.95	2.8	56.6	5.4	6.3	116.7
273204	do.	Near Sagalla	do.	8.6	71	51	3.55	3.7	90.5	5.1	2.9	56.9	15.4		
257579	do.	Nairobi	do.	9	74	56.5	3.2	3.8	84.2	4.7	2.6	60.3	13.4	6.4	118.6
257596	do.	do.	do.	10	67	51	3.45	3.8	90.8	5.36	2.9	54.2	6.1	6.7	109.8
273207	do.	Near Sagalla	do.	8.6	68.5	54.5	3.35	4	88.7	5.78	2.9	50.2	5.75		
257594	do.	Near Naivasha	do.	8.6	68	46.5	3.22	3.55	83.6	4.65	2.6	55.9	5.8	5.9	101.7
257582	do.	Nairobi	do.	8.5	73	51	3.3	3.8	79	4.75	2.6	55.9	5.8	7.4	
257597	do.	do.	Near adult	8.5	73	51	3.2	3.85	83.1	4.75	2.8	59	5.6	6.7	119.6
Totals				115.7	(13)	(13)	(10)	(10)	(11)	(13)	(13)	(11)	(12)	(11)	(10)
Averages				8.9	69.5	51	3.3	3.79	87.1	63.68	35.1	68.75	6.75	6.51	111.9
Minima				8.5	64	44.5	3	3.5	79	4.9	2.4	50.2	5.4	5.9	96.8
Maxima				10	74	58.5	3.48	4	91	5.78	2.9	63.6	6.3	7.4	113.6

NOTE.—For footnotes to reference figures see p. 123

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menion-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
257542	U. S. N. M.	Nyeri	Near adult	18.4	12.4	13	67.4	84.4	14.60	1,360	10.9	6.5	12.2	89.3	55.3	10	10
273202	do.	Near Sagalla	Adult	17.3	11.8	11.9	68.2	81.6	13.67	1,145			11.5				8
257586	do.	Nairobi	do.	18.2	12.6	12.3	69.2	73.9	14.37	1,135							8.8
257584	do.	do.	do.	18	12.6	11.7	70	76.5	14.10	1,090		6.5	1.13	60	60	9.9	9.3
257574	do.	Nyiro River	do.	17.9	12.6	12.4	70.4	81	14.30	1,270		7.2	1.11.9	47.9	47.9	10	9.5
257549	do.	Fort Hall	do.	17.6	12.4	12.9	70.4	86	14.30	1,275		6.4	1.12.8	50	50	10.1	9.9
273206	do.	Sagalla	do.	18.3	13	(11.7)	71.3	84.6	(14.33)	1,285		7.2	12.1	68.5	68.5	10.6	10
273200	do.	Near Sagalla	do.	17.4	12.4	12.6	71.3	80.1	14.13	980		7.1	12.7	65.9	65.9	10.3	9.7
257587	do.	Nairobi	do.	18.2	13.1	12.5	71.4	80.1	14.57	1,350		7	113.3	62.6	62.6	10.2	10.1
257544	do.	Fort Hall	do.	18.2	12.8	12.6	72.7	82.9	14.77	1,330		6.9					10.5
273203	do.	Sagalla	do.	17.6	13.2	12.4	73.3	79.5	14.53	1,320							10.8
257583	do.	Nyeri	Semile	18	13.2	12.4	73.3	79.5	14.53	1,320							
257588	do.	Nairobi	Adult	18	13.2	12.4	73.3	79.5	14.53	1,320							
273203	do.	Near Sagalla	do.	18	13.2	13.4	73.3	85.9	14.87	1,300		0.3	12.7		49.6	11.2	9.9
257689	do.	Nairobi	do.	17.8	13.1	12.8	73.6	83.1	14.57	1,220		1.8			51.2	10.2	10.3
257581	do.	Near Naivasha	do.	17.6	13.1	13	74.4	84.4	14.57	1,165		1.6	12.7		51.2	9.8	9.9
257590	do.	Nairobi	do.	18.2	13.6	12.5	74.7	78.6	14.77	1,290			(12.6)		53.3	9.7	10.1
257578	do.	do.	Near adult	17.6	13.2	13	75	84.4	14.60	1,185		6.5	12.2		53.3	9.7	10.1
257592	do.	do.	Adult	17.6	13.2	12.5	75	81.2	14.43	1,285		6.2	12.4		50	9.8	9.6
257547	do.	do.	do.	17.8	13.4	12.8	75.3	82	14.67	1,380		6.2	12.4		50	9.6	9.5
273199	do.	Near Sagalla	do.	17.5	13.2	12.1	75.4	78.6	14.27	1,240		6			50	9.8	9.4
do.	do.	do.	do.	17.5	13.2	12.1	75.6	83.9	14.67	1,350		5.9	12.6		50	9.4	8.9
273198	do.	Nairobi	Near adult	16.4	12.4	12	75.6	80	13.60	1,040		16.3			19	9.4	8.9
257600	do.	do.	Adult	17.1	13.4	12	76	74	14.03	1,170							9.4
257576	do.	do.	do.	17.2	13.4	11.4	76.6	71	14.10	1,195							
257598	do.	do.	do.	17.2	13.2	12.1	76.7	79.6	14.17	1,220							
257545	do.	Fort Hall	Near adult	17.7	13.6	13.4	76.8	85.9	14.90	1,370		6.1	12.2		60	9.8	9.8
257585	do.	Nairobi	do.	17.2	13.7	13.4	79.6	86	14.23	1,330		6.8	12.6		64	9.8	9.1
257573	do.	do.	Adult	17.6	12.7	12.7	79.6	86	14.90	1,380							9.9
Totals	(28)			495.9	(27)	(26)	(17)	(16)	(25)	(23)		(20)	(15)	(14)	(14)	(20)	(25)
Averages	17.71			350.4	12.68	324.8	73.5	81.5	359.45	31,050		130.1	186.9	198.6	51.7	198.6	242.5
Minima	16.4			12.68	12.49	12.49	67.4	74	14.28	1,212		6.5	12.46	47.9	47.9	8.9	8.7
Maxima	18.4			11.8	13.7	13.4	79.6	86	14.90	1,380		7.2	13.3	59.5	59.5	11.2	10.8

NOTE.—For footnotes to reference figures see p. 123.

• Height of lower jaw at symphysis about 2.9.

(BRITISH) EAST AFRICA NEGRO CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
257542	U. S. N. M.	Nyeri	Near adult	8.7	71	88	3.3	3.7	89.2	4.6	2.8	60.9	5.4	6.5	120.4
273202	do.	Near Sagalla	Adult	8.4			3.4	3.75	90.7	4.5	2.2	48.9		5.8	
257586	do.	Nairobi	do.												
257584	do.	do.	do.	8.7	65	45	3.42	4.1	82.4	4.75	2.9	61.7	5.8	5.2	106.9
257574	do.	Nyiro River	do.	8	71.5	55.5	3.2	3.55	91.6	5.15	2.3	44.7	4.7	5.9	125.6
257549	do.	Fort Hall	do.	9.2	70	50.5	3.25	4.05	81.5	4.2	2.15	51.2	5.2	6.9	113.5
273206	do.	Sagalla	do.	9.1	70	48.5	3.3	3.65	91.8	4.8	3.7	62.5	5.5	5.9	118.2
273200	do.	Near Sagalla	do.	9.1	65.5	48.5	3.35	3.65	91.8	4.8	2.7	56.2	(6.1)		
257587	do.	Nairobi	do.	9	65	50.5	3.15	3.65	86.5	4.9	2.6	53.1	5.8		
257544	do.	Fort Hall	do.												
273203	do.	Sagalla	do.	9.3	69	61.5	3.18	4	79.5	4.7	2.55	54.3	5.6	6.5	116.1
257548	do.	Nyeri	Senile	9.6	73.5	52.5	3.5	4	87.5	5.4	2.8	61.8			
257583	do.	Nairobi	Adult												
273205	do.	Near Sagalla	do.	9.8	61.5	43	3.2	3.75	85.9	4.4	2.9	65.9	5.6	6.4	114.5
257599	do.	Nairobi	do.	9.2	71.5	57	3.08	3.7	86.8	4.7	2.6	55.2	6.3	6.5	103.2
257581	do.	Near Naivasha	do.	8.8	71.5	54.5	3.25	3.7	87.8	4.65	2.45	52.7	5.5	6.1	110.9
257590	do.	Nairobi	do.				3.2	3.6	83.9	4.6	2.7	58.7	5.6		
257578	do.	do.	do.	8.4	74.5	46.5	3.3	3.7	89.2	4.75	2.7	56.8	5.4	6.1	113
257592	do.	do.	Near adult				3.35	3.65	94.4	4.65	2.4	61.6			
257547	do.	do.	Adult	8.6	70	44	3.35	3.55	94.4	4.4	2.55	57.9	5.2	5.6	107.7
273199	do.	Nyeri	do.	8.5	70.5	51	3.28	3.68	89.1	4.4	2.5	58.8	5.2	5.7	107.6
273198	do.	Near Sagalla	do.	8.8	68	52.5	3.35	3.55	94.4	4.25	2.5	58.8	5.2	5.7	109.6
257600	do.	do.	do.	8.4	67	54.5	3.3	3.5	94.3	4	2.5	62.5	5.2	5.7	109.6
257576	do.	Nairobi	Near adult	8.4	73.5	62	3.33	3.6	92.5	4.75	2.6	54.7	1.6	5.9	128.3
257576	do.	do.	Adult												
257598	do.	do.	do.												
257545	do.	Fort Hall	Near adult	8.7	72	52	3.25	3.65	89	4.3	2.5	54.7	5.2	6.3	121.2
257585	do.	Nairobi	do.	8.3	63.5	46.5	3.25	3.65	83.5	4.5	2.5	53.6	5.5	6.8	125.6
257573	do.	do.	Adult												
Totals				(31)	(20)	(20)	(32)	(31)	(41)	(32)	(29)	(40)	(33)	(35)	(46)
Averages				185	69.5	51.5	72.19	78.11	101.75	4.62	50.9	55.9	97.4	110.9	114.6
Minima				8	61.5	43	3.08	3.5	79.5	1	2.15	44.7	4.6	5.6	105.2
Maxima				9.8	74.5	62	3.5	4.1	94.4	5.4	3	63.9	6.3	6.8	128.3

NOTE.—For footnotes to reference figures see p. 123

SOUTH AFRICA NEGRO (KAFFIR) CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
a 263197	U. S. N. M.	Port Alfred, Good Hope.	Adult	18.8	13	13.5	69.2	85.5	15.13	1,390	111.5	6.7	13.3	86.5	50.4	10.9	10.3
263199	do.	do.	do.	19.6	14.1	13.8	71.9	82.1	15.83	1,515	111.5	6.8	13.3	86.5	51.1	10.6	10.7
b 263200	do.	do.	do.	19.1	14	13.8	73.9	83.1	15.63	1,485	112	7.2	13.2	90.9	54.6	10.4	10.7
c 263198	do.	do.	do.	17.9	13.6	13.8	76	82.5	14.83	1,270	110.8	6.5	12.6	85.7	51.6	10.1	9.5
244053	do.	Zambezi	do.	17.8	13.6	13.8	76.1	87.9	15.07	1,295	99.6	6.5	12.6	85.7	51.6	9.6	9.5
e 263196	do.	Port Alfred, Good Hope.	do.	18.1	14.6	12.6	80.7	76.8	15.10	1,450	99.6	3.6	12.2	78.7	45.9	9.4	9.3
Totals.				(6) 111.3	(6) 82.9	(6) 80.6	(6) 74.5	(6) 83	(6) 91.59	(6) 8,415	(5) 55.4	(6) 39.3	(6) 77.2	(5) 85.7	(6) 50.9	(6) 61	(6) 59.6
Averages.				18.55	13.82	13.43	74.5	83	15.26	1,402	11.08	6.55	12.87	85.7	50.9	10.17	9.93

NOTE.—For footnotes to reference figures see p. 123. For footnotes to reference letters see p. 128.

SOUTH AFRICA NEGRO (KAFFIR) CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial angle.	Alv. Angle	Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
• 263197	U. S. N. M.	Port Alfred, Cape of Good Hope.	Adult	9.6	67	47.5	3.6	3	4	75	4.75	2.55	53.7	19.1	6.9	113.1
263199	do	do	do	9.6	72.5	48.5	3.4	13.2	3.7	86.5	5.35	2.9	64.2	5.5	6.5	113.2
263200	do	do	do	9.5	69	61	3.8	3.05	3.7	82.4	4.9	2.6	53.1	5.6	5.8	103.6
• 263198	do	do	do	8.7	66	47.5	3.8	3.05	3.7	82.4	4.35	2.8	64.4	15.6	6.3	119.5
244053	do	Zambezi	do	8.8	63.5	56.5	3.4	3.4	3.7	91.9	4.9	2.4	49	5.4	6.1	113
• 263196	do	Port Alfred, Cape of Good Hope.	do	8.6	71.5	51	2.75	3.1	3.5	88.6	4.3	2.7	62.8	14.9	6	122.4
Totals.				(6) 54.8	(6) 69	(6) 52.5	(5) 17.35	(6) 18.8	(6) 3	(6) 81.1	(6) 28.55	(6) 13.95	(6) 56.9	(6) 33.1	(6) 37.6	(6) 113.5
Acropogons				9.13	69	52.5	3.47	3.13	3.72	84.1	4.76	2.66	55.9	5.62	6.27	113.5

• 263196 and 263200 Kafir convicts.

• Surely male.

• Femalelike, especially lower jaw, but pelvis is male.

WEST AFRICA NEGRO CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad glabella)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
244052	U. S. N. M.	Gold Coast	Adult	18.2	13.1	13.9	72	89.1	15.07	1,345	11.7	6.7	12.7	92.1	52.8	10	10.3
244051	do	do	do	18.3	13.3	13.7	72.7	86.7	15.10	1,390	do	6.7	12.8	do	52.8	10.9	10.5
276091	do	do	do	18.1	13.2	13.1	72.9	84	14.80	1,330	do	6.3	12.1	do	52.1	10.5	10
276348	do	South Cameroon	do	18.4	13.7	14.4	74.5	90	15.80	1,420	do	6.5	13.6	do	47.8	11	10.9
244055	do	Upper Guinea	do	17.6	13.4	13.2	76.1	85.2	14.73	1,430	do	6.8	12.6	do	54	9.7	9.5
209434	do	Cameroon	do	17.9	13.9	13.2	77.6	83	13.00	1,365	do	7	14	do	50	11.3	10.6
302707	do	French Congo	do	16.8	13.2	13.6	78.6	90.7	14.53	1,240	do	do	13.6	do	51.2	10.6	10.1
Totals				(7) 125.3	(7) 93.8	(7) 96.1	(7)	(7)	(7) 104.73	(7) 9,520		(7) 47	(7) 91.4		(7)	(7) 74	(7) 71.9
Averages				17.9	13.4	13.68	74.8	86.8	14.96	1,560		6.71	13.06		51.4	10.57	10.27

* Height of lower jaw at symphysis = 3.9.

NOTE.—For footnotes to reference figures see p. 123.

WEST AFRICA NEGRO CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
244052	U. S. N. M.	Gold Coast.	Adult	8.5	73.5	50.5	2.98	3.7	80.5	4.32	2.6	60.6	5.9	6.3	108.6
244051	do.	do.	do.	3.7	69	47	3.4	3.95	86.1	4.95	3	60.6	5.8	7	180.7
276091	do.	do.	do.	3.4	68	54	3.1	4	77.6	4.23	2.8	66.9	5.7	(6)	(105.5)
276348	do.	South Cameroon.	do.	10	72	57.5	3.5	4	87.5	4.35	2.7	62.1	5.1		
244055	do.	Upper Guinea.	do.	8.4	68	52	3	3.6	83.5	4.5	2.7	60	6	6.4	106.7
209434	do.	Cameroon.	do.	10	66	49.5	3.65	3.8	96	4.8	2.9	60.4	6	6.8	
302767	do.	French Congo.	do.	9.3	66.5	49.5	3.2	3.85	88.1	4.9	2.7	55.1	5.6		181.4
Totals				(7) 65.3	(7) 69	(7) 51	(7) 22.83	(7) 26.9	(7) 84.9	(7) 32.07	(7) 19.4	(7) 60.5	(9) 34	(9) 26.5	(9) 114.2
Averages				9.38	69	51	3.26	3.87	84.9	4.56	2.77	60.5	5.67	6.62	114.2

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabela ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
244057	U. S. N. M.	Guinea	Adult	17.4	11.8	13.2	67.8	69.4	14.13	1,180	---	6.7	12.3	---	54.5	10	9.8
244056	do.	Congo	do.	17.6	13.4	12.8	76.1	88.9	13.90	1,170	---	7.1	12	---	59.2	9.7	9.3
276089	do.	---	do.	16.4	12.5	12.5	76.2	85.9	14.10	1,180	---	1 5.9	11.7	---	50.4	1 8.9	9.1
276090	do.	---	do.	16.8	13	12.5	77.4	85.9	14.10	1,380	---	6.5	12.7	---	51.2	1 10.3	9.7
209435	do.	Cameroon	do.	17.6	13.8	12.6	78.4	82.9	14.33	1,160	(a)	1 6.6	13.2	---	50	1 9.9	9.1
276088	do.	---	do.	17	13.4	12.6	78.8	83.1	13.73	1,020	(b)	9.3	12.1	---	52.1	9.9	9.7
276093	do.	---	do.	15.8	12.8	12.6	81	83.1	13.73	1,020	(b)	9.3	12.1	---	52.1	9.9	9.7
Totals	---	---	---	118.6	90.7	(3) 63.7	(7) 76.5	(6) 86.7	(3) 70.19	(6) 7,000	---	(6) 39.1	(6) 74	---	(6) 48.8	(3) 48.8	(3) 47
Averages	---	---	---	16.94	12.96	12.74	76.6	86.7	14.04	1,182	---	6.52	13.58	---	52.9	9.76	9.4

• Height of lower jaw at symphysis=2.8.

• Height of lower jaw at symphysis about 2.4.

NOTE.—For footnotes to reference figures see p. 123.

WEST AFRICA NEGRO CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
214057	U. S. N. M.	Guinea	Adult	8.4	68.5	46	3.1	3.5	88.6	4.4	2.6	59.1	5.5	6.9	125.4
234056	do.	Congo	do.	8.5	65	51.5	3.6	3.8	94.7	5	2.4	48	5.5	16	109.1
276089	do.	do.	do.	8	72.5	51.5	3.1	3.75	82.7	4.4	2.3	62.8	1.5	5.6	112
276090	do.	do.	do.	8	72.5	51.5	3.5	4.1	85.4	4.65	2.5	63.8	1.5	5.6	112
209435	do.	Cameroun	do.	9.4	65	55.5	3.3	3.65	90.4	4.85	2.6	52.6	1.5	5.5	112
276088	do.	do.	do.	8.4	64	42.5	3.3	3.6	91.7	4.35	2.7	62.1	1.5	5.4	112
276083	do.	do.	do.	8.4	64	42.5	3.3	3.6	91.7	4.35	2.7	62.1	1.5	5.4	112
Totals				(9) 42.7	(5)	(5)	(9) 19.9	(9) 22.4	(9)	(9) 27.65	(9) 15.1	(9)	(9) 26.9	(9) 18.5	(9)
Averages				8.54	67	49	3.32	3.7%	89	4.61	2.52	54.7	5.88	6.17	115.8

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD) *

MALE

Catalogue No.	Collection	Locality	A approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
6 248035	U. S. N. M.	Washington	Adult	(19.8)	(12.9)	(13.4)	(65.9)	(81.7)	15.37	1,250		7.9	12.4		63.7	10.7	10.7
225105	do	Richmond	do	19.8	13.3	14.2	67.2	85.5	15.77	1,400		17.3	13		93.8	11.4	10.9
6 244068	do	do	do	(19.1)	(12.0)	(13.4)	(67.2)	(83.8)	15.13	1,355	12.2	6.8	13		52.3	10.3	10.3
6 244079	do	do	50	18.4	12.6	13.8	63.5	89	14.93	1,350	10.7	6.1	12.8		47.7	9.9	9.9
225107	do	Washington	Female	18.6	12.9	13.1	69.4	82.9	14.87	1,295			12.8				10.9
248639	do	do	28	18	(12.8)		(71.1)				11.4	6.7	12.2		54.9	10.9	9.7
225226	do	do	70	18.8	13.4	13.4	71.5	83.2	15.20	1,350	11.4	6.9	13.6			11.1	10.4
244060	do	Richmond	Adult	18.8	13.4	13.4	71.5	83.2	15.20	1,415		6.8	13.5		50	10.6	10.4
245337	do	Washington	do	19.6	14	12.1	71.4	72	15.23	1,330		7.3	12.9		54.1	11.1	10.3
244088	do	Richmond	do	18.6	13.4	12.8	72.2	80	14.93	1,165		6.6	12.9		51.2	10.4	10.2
244088	do	do	do	18.7	13.5	12.2	72.2	75.8	14.80	1,200	12.7	7.9	13.3		95.5	10.5	10.1
244085	do	do	45	19.8	14.3	13.7	72.2	76.5	15.70	1,410	12.9	7.8	14		92.1	11.2	10.5
248674	do	Washington	Adult	18.5	13.4	13.7	72.4	85.6	15.20	1,335	11.5	6.8	12.8		89.8	10.1	10.3
244074	do	do	55	19	13.8	14.1	72.6	86	15.63	1,460	12.6	7.3	12.6		100	10.8	10.6
248646	do	Richmond	Adult	19	13.8	13.9	72.6	84.8	15.57	1,550		6.9	13.3			57.9	10.6
248646	do	Washington	35	17.6	12.8		72.7		15.57			6.6	12.4			53.2	10.1
324589	do	Washington	Adult	18.4	13.4	13.8	72.8	86.8	15.20	1,465	9.5	5.7	12.2		77.9	10.5	9.7
244059	do	Havana, Cuba	do	19.1	14	13	73.5	78.3	15.37	1,355		6.6	12.4			53.2	10.1
248638	do	Richmond	do	18.5	13.6		73.5		15.37			6.7	13		46.7	11.1	10.4
225125	do	Washington	do	19	14		73.5		15.37			6.7	13		51.5	10.5	10.3
244067	do	do	do	19	14		73.5		15.37			6.7	13		50.7	10.5	10.4
225151	do	Richmond	45	19	14		73.5	80	15.40	1,365		7	13.8		86.2	10.7	10.3
244072	do	do	Adult	17.9	13.2	13.6	73.7	82.4	15.53	1,350		6.9	13.8		50.7	10.7	10.3
225257	do	Richmond	do	18.7	13.9	14.2	73.7	82.1	15.60	1,320		6.9	13.8		53.1	10.4	10.1
225257	do	Near Vicksburg, Miss.	About 75	18.5	13.8	12.4	74.6	77.1	14.90	1,260		7.5	13.2		52.5	10.4	9.4
244085	do	Alabama	Adult	18.1	13.5	14.4	74.6	91.1	15.33	1,435		7	13		53.6	10.3	10.8
																11.1	10.9

NOTE.—For footnotes to reference figures see p. 123. For footnotes to reference letters see p. 134.

AMERICAN NEGRO CRANIA (FULL-BLOOD)—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial angle	Alv. angle	Lower jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
248935	U. S. N. M.	Washington	Adult	9.3	89.5	49	3.5	3.5	4	87.5	7.5	2.6	49.2	6.7	113.6	
225105	do	Richmond	do	10.1	67	48	3.25	3.45	3.95	92.4	5.35	2.4	44.9	6.8	150.8	
244066	do	do	do	9.4	70.5	59.5	3.18	3.18	3.6	86.7	4.7	2.8	59.6	7.1	136.5	
244079	do	do	50	8.9	72	54	3.45	3.45	3.6	88.5	4.3	2.8	65.1			
225170	do	Washington	Female	10.4			3.4	3.4	4.1	82.9	4.8	2.9	60.4			
248639	do	do	28	9	61.5	31	3.5	2.75	3.7	74.3	4.6	2.6	66.5	6.1	111.5	
225226	do	do	70	9.8	66	49	3.6	3.3	3.8	86.8	4.85	2.7	55.7	6.1	118	
244050	do	Richmond	Adult	9.4	69.5	52.5	3.7	3.3	4	82.5	4.7	2.5	58.2	5.9		
248337	do	Washington	do	9.6	65	49.5	3.38	3.38	3.8	88.9	5.05	2.8	55.5	17.2	118	
244088	do	do	do	9.4	70	55	3.3	3.3	4	82.6	4.7	2.7	57.4			
244065	do	do	45	8.9	67	47	3.5	3.75	4.1	91.5	5.5	2.9	52.7	5.8	119	
248674	do	do	do	9.8	64	51	4.1	3.45	4.2	82.2	5.35	2.9	54.2	6.2	116.1	
244074	do	Washington	Adult	9.3	72	61.5	3.1	3.15	3.7	85.1	4.8	2.7	56.2	6.8	121.4	
244074	do	do	55	9.3	70	50	3.2	3.2	3.5	91.4	5.2	2.4	46.2			
225108	do	do	do	9	71.5	49	3.3	3.5	3.95	83.5	4.65	2.5	53.8	17	125	
248646	do	Richmond	Adult	9	67	53	3.3	3.45	3.85	82.6	4.6	2.2	47.8	3.3	94.7	
324589	do	Washington	do	9.4	78	60.5	2.7	2.9	3.65	79.5	4.4	2.4	47.8	6	116.4	
244059	do	Havana, Cuba	Adult	9.4	78	60.5	2.7	2.9	3.65	79.5	4.4	2.4	47.8	6	116.4	
244059	do	do	do	9.2	65.5	39	3.15	3.15	4.1	76.8	4.9	2.9	64.4	6.2	111.5	
248638	do	Richmond	do	9.3	70	52.5	3.5	3.45	3.9	88.5	4.9	2.3	46.9	6.7	124.1	
226125	do	Washington	do	9	68.5	40	2.95	2.95	3.95	74.7	4.9	2.8	57.1			
244057	do	do	45	9.2	68	50.5	3.8	3.42	4	85.5	4.95	2.8	56.6	6.8	119.5	
225151	do	Richmond	Adult	8.8			3.2	3.55	3.95	89.9	4.6	2.7	58.7			
244073	do	do	do	9.6	72.5	60	3.9	3.3	3.9	84.6	5.1	2.8	54.9	(6.8)	(128.5)	
225257	do	Near Vicksburg, Miss.	About 75	9.4			3.2	3.2	4.02	79.6	4.6	2.9	63.7			
244085	do	Alabama	Adult	9.9	70	51	3.35	3.35	3.85	87	5.05	2.8	55.5	6.7	106.4	

* As far as ascertainable. In many the body was seen before dissection.

• Premature occlusion of sagittal suture.

• Shallow retro-coronal bilateral depression.

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD OR NEARLY SO)

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxm. (zabella ad maximum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	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-Alveol. Pt. (x)	Basion-Nasion (y)
225150	U. S. N. M.	Near Manassas, Va.	Adult	18.7	14	13.7	74.9	87.5	15.47	1,335		7.2	13.2		54.6	10.7	10.1
226382	do.	Washington	do.	18.7	14	13.8	74.9	84.2	15.50	1,395							10.3
248627	do.	Washington	65	18.4	13.8	13.1	75	81.4	15.10	1,420	11.7	7.4	13				9.5
244069	do.	do.	Adult	18.1	13.6	13	75.1	82.3	14.90	1,380		6.6	13.2		55.9	10.5	10.4
262227	do.	Richmond	do.	18	13.3	13.6	75.6	86.1	15.07	1,315		6.9	13.2		52.8	10.5	10.1
224725	do.	Washington	do.	17.6	13.3	13.7	75.8	88	14.87	1,330		6.3	(14.5)		(45.4)	11	10.7
244063	do.	Richmond	60	18.6	14.1	13.2	75.8	80.5	15.30	1,260		(7)	12.8		(47.7)	10.8	10.8
244071	do.	do.	Adult	18.2	13.8	12.4	76.1	82.6	14.93	1,370	12.1	7.6	13.4		56.7	10.8	10.1
224724	do.	Washington	do.	18.4	14	12.4	76.1	76.6	14.55	1,455			13.4		56.6	11.5	10.1
244068	do.	Richmond	do.	18.8	14.3	13	76.1	78.9	15.37	1,420		7.1	12.8		56.6	11.8	11.2
244073	do.	do.	25-30	18.4	14	13.2	76.1	81.6	15.20	1,365		7.6	13.4		54.9	9.8	9.8
244083	do.	Long Pt., Texas	Adult	13.6	15	13.4	76.5	77.6	16.00	1,240		6.5	13.4		48.6	11.3	10.3
222126	do.	Southern United States	45	18.4	14.2	13.2	77.2	81	15.97	1,275	7.12	7.2	13.8		52.2	10.5	10.3
224714	do.	Washington	Adult	18.2	14.2	13.3	78	82.1	15.23	1,275		6.3	12.5		50.4	11.3	10.1
248643	do.	do.	45														
Totals				(37) 688.5	(30) 493.9	(34) 454	(35) 73.7	(41) 82.4	(36) 549.47	(35) 47,490	(13) 152.6	(33) 230.1	(36) 472.6	(14) 90	(40) 53.2	(33) 353	(40) 412
Averages				18.61	15.72	13.35	75.7	82.4	15.25	1,357	11.74	6.97	13.13	90	53.2	10.7	10.3
Minima				17.6	12.6	12.1	67.2	72	14.80	1,165	9.5	5.7	12.2	77.9	46.7	9.8	9.4
Maxima				19.8	15	14.4	78	91.1	16.00	1,550	12.9	7.9	14	100	53.7	11.8	11.2

NOTE.—For footnotes to reference figures see p. 123. For footnote to reference letter see p. 134.

AMERICAN NEGRO CRANIA (FULL-BLOOD OR NEARLY SO)—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
225150	U. S. N. M.	Washington	Adult	9.2	65.5	45.5	3.6	3.1	3.8	81.6	5.05	2.5	46.5	6.1		
248627	do	do	65	8.5				3.2	3.05	81	4.7	2.6	55.9			
244069	do	do	Adult	8.9	62	44.5	3.8	3.55	3.9	91	5.08	2.9	57.1	6	6.9	115
262227	do	Richmond	do	10.2	67	56.5		3.1	3.65	84.9	4.9	2.6	52	6	7	116.7
224725	do	Washington	do	9.4	67.5	53.5		3.2	3.75	85.9	4.4	2.3	46.9	5.8	7.2	124.1
244063	do	Richmond	60	9.5	70.5	44	3.1	3.4	4.05	83.9	4.4	3	68.2	6		
244071	do	do	Adult	9.5			3.8	3.55	3.9	91.6	5.18	2.7	52.1			
224724	do	Washington	do	9.1	64	46	3.6	3.7	3.95	93.7	5.05	2.5	49.5	5.8	6.6	115.8
244058	do	Richmond	do	9.2			3.2	3.8	4.15	91.6	5	2.7	54			
244073	do	do	25-30	9.7	60.5	44		3.35	3.8	88.1	4.5	2.5	55.6	6.2	6.3	101.6
244083	do	Long Pt., Texas	Adult	10	66.5	45		3.6	4.2	85.7	5.1	2.9	56.9	6.4	7.5	117.2
222126	do	Southern United States	45	8.6	70.5	50		3.55	4.2	93.4	4.6	2.6	56.5	5.7	6.5	114
224714	do	Washington	Adult	8.8	68.5	44	4	3.5	4.2	82.5	4.95	2.9	58.6	5.7	7	122.8
248643	do	do	45	10	63	51.5		3.2	3.9	82	4.05	2.5	61.7	6.3	7.3	115.9
Totals				(32) 363.2	(33) 68	(33) 43.5	(32) 31.25	(30) 130.38	(29) 152.32	(48) 85.6	(30) 189.46	(30) 104	(29) 54.9	(31) 181	(25) 170.4	(42) 116.6
Averages				9.36	68	43.5	3.63	3.34	3.9	85.6	4.86	2.67	54.9	5.84	6.82	116.6
Minima				8.5	60.5	31	2.7	2.75	3.5	7.43	4.05	2.2	44.9	5.2	5.3	94.7
Maxima				10.4	78	66	4.1	3.8	4.2	93.7	5.75	2.9	68.2	6.3	7.5	126.5

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD)

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
• 244087	U. S. N. M.		Adult	(18.6)	(12)	(12.2)	(64.6)	(79.7)	14.27	1,130		6.6	11.9		55.5	10.2	9.8
244064	do.	Richmond	21	17.1	12.3	13	71.9	88.4	14.13		10.1	6	11.9		50.4	9.7	9.5
244061	do.	Washington	Adult	18	13	12.8	72.2	82.5	14.60	1,080		6.4	12.8		50	10.4	10.6
244080	do.	do.	55	17.8	13	12.7	75	82.5	14.50	1,110		9.4	12				10
225104	do.	Yorktown, Va.	Adult	18.2	13.3	12.1	75.1	76.6	14.53	1,210		6.3	11.6		53.4	9.6	9.2
244089	do.	do.	do.	16.8	12.4	12.5	73.8	85.6	13.90	1,130		6.2	11.6				8.9
244075	do.	do.	do.	18.3	13.5	12.7	75.8	75	14.47	1,170		6.4	12.2				9.8
• 262231	do.	do.	do.	18.2	13.5	12.7	74.2	80.4	14.80	1,270		6.4	10.6				10.1
178632	do.	do.	do.	17.9	13.3	12.5	74.5	80.1	14.57	1,220		6.8	13.7		49.6	9.7	9.6
262260	do.	Colonial Beach, Va.	do.	17.5	13	12.1	74.8	86.2	14.53	1,265							9.4
244081	do.	Richmond	do.	17.5	13.6	12	74.5	70	14.63	1,265							9.6
225111	do.	Washington	do.	18.3	12.8	12.8	74.4	86.3	14.63	1,220		6.2	11.7		53	9.2	9.1
225476	do.	Washington	Near adult	17.2	12.8	11.8	74.4	78.7	13.93	1,130		6.1	11.5		53	9.2	8.7
262232	do.	Richmond	Adult	17.4	13	11.8	74.7	77.6	14.07	1,150			11.7				8.7
244070	do.	do.	do.	18	13.5	12.7	75	76	14.50	1,255		6.2	12.2		60.8	10	8.7
225236	do.	Near Vioksburg, Miss.	do.	18.2	13.8	11.9	75.8	74.4	14.63	1,400	10.9	6.6	13.5		80.7	10.8	9.9
225474	do.	Washington	70	18.3	14.2	13.2	77.6	81.5	15.23	1,400		6.4	12.9		48.9	10.8	9.9
262228	do.	Richmond	Adult	16.9	13.3	12.8	78.7	84.8	14.33	1,145		6.4	11.7		54.7	10	9.8
228025	do.	Washington	do.	16.3	13	12.6	79.8	86.3	13.97	1,165		6.6	12.6		52.4	10.1	9.1
262229	do.	Richmond	do.	16.4	13	12.5	79.8	86.3	13.97	1,165		6.6	12.6				9.6
Totals	(19)			334	237.3	236.4	(18)	(18)	(19)	(18)	(21)	(13)	183.9	(2)	(11)	(15)	(20)
Averages				17.58	13.16	12.44	74.7	80.7	273.86	21,700	21	82.8	12.9	82.7	51.9	128.7	100.2
Minima				16.3	12.3	11.6	71.9	75	14.41	1,265	10.5	6.37	12.86		48.9	9.9	8.51
Maxima				18.3	14.2	13.2	79.8	88.4	15.23	1,400		6.8	13.7		56.5	10.8	10.6

• Slight asymmetry.

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD)—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maximum.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maximum. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
• 244087	U. S. N. M.	Richmond	Adult	8.6	67.5	46	---	3.4	3.9	78.2	4.6	2.9	65	5.5	6.9	125.4
244064	do.	Washington	21	8.6	70	48.5	3.05	3.2	3.75	83.3	4.35	2.45	56.3	5.3	6.3	118.9
244061	do.	Washington	Adult	9.1	74	51.5	---	3.5	3.85	90.9	4.3	2.4	55.3	5.5	6.4	116.4
244080	do.	do.	55	9.2	---	---	---	3.4	3.6	94.4	4.5	3	66.7	5.6	---	---
225104	do.	Yorktown, Va.	Adult	8.6	67	51	---	3.15	3.7	85.1	4.6	2.8	60.9	5.6	---	---
244089	do.	Richmond	do.	8.1	67	51	---	3.12	3.4	91.8	4.25	2.3	54.1	5.1	5.7	111.8
do.	do.	do.	do.	9.4	---	---	---	3.32	3.85	86.2	3.95	2.7	68.4	---	---	---
• 262231	do.	do.	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
do.	do.	do.	do.	8.8	69	53.5	---	3.45	4	86.2	5.2	2.8	53.8	5.6	6.4	120.8
262230	do.	Colonial Beach, Va.	do.	---	---	---	---	3.2	3.6	88.9	---	---	---	---	---	---
244081	do.	Richmond	do.	---	---	---	---	3.2	3.6	88.9	---	---	---	---	---	---
do.	do.	Washington	do.	8	69.5	45	3	3.45	3.65	91.5	4.55	2.6	57.2	5.2	6.5	125
225111	do.	Washington	do.	---	---	---	---	3.2	3.35	92.5	4.5	2.4	53.3	5	6.3	126
225476	do.	Washington	Near adult	8.2	70.5	50	---	---	---	---	---	---	---	---	---	---
262232	do.	Richmond	Adult	---	---	---	---	---	---	---	---	---	---	---	---	---
do.	do.	do.	do.	8	5.95	31	3.5	3.55	3.65	91.8	4.2	2.9	69	6	6.3	105
244070	do.	do.	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
225236	do.	Near Vicksburg, Miss.	do.	8.8	61.5	35.5	3.3	3.56	3.8	93.4	4.4	2.5	56.8	5.9	5.9	100
do.	do.	do.	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
225474	do.	Washington	70	8.9	---	---	2.9	3.3	4	82.5	4.5	2.5	55.6	---	---	---
262228	do.	Washington	Adult	8.8	69.5	48.5	3.3	3.7	3.7	89.2	4.6	2.5	54.4	5.6	6	107.1
do.	do.	do.	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
228025	do.	Washington	do.	8.4	62	42	---	3.6	3.9	92.5	4.3	2.1	48.8	5.6	6.6	117.9
262229	do.	Richmond	do.	---	---	---	---	---	---	---	---	---	---	---	---	---
Totals	---	---	---	(10) 7	(12) 7	(12) 7	(6) 75	(10) 49	(10) 59.7	(16) 8	(10) 66.8	(10) 38.85	(10) 71.2	(10) 71.2	(10) 69.3	(10) 115.5
Averages	---	---	---	8.65	67.5	46.5	3.15	3.54	3.73	89.6	4.45	2.59	58.2	6.48	6.3	115.5
Minima	---	---	---	8	59.5	31	2.9	3.12	3.35	82.5	3.95	2.1	43.8	5	5.7	100
Maxima	---	---	---	9.4	74	53.5	3.5	3.6	4	95.5	5.2	3	69	6	6.9	126

• Badly weathered.

NOTE.—For footnotes to reference figures see p. 123.

Negro crania—Summary of measurements

MALE

	British East Africa	South Africa		West Africa	American Negro (U. S. A.) full-blood
	(14)	Miscellaneous (34)	Kaffir (6)	(7)	(37)
Number of Skulls.....					
<i>Vault:</i>					
Length.....	18.36	18.93	18.55	17.90	18.61
Breadth.....	13.36	13.54	13.82	13.40	13.72
Height.....	13.21	13.47	13.43	13.58	13.35
<i>Cranial Index</i>	72.8	71.5	74.5	74.8	73.7
<i>Mean Height Index</i>	82.8	82.9	83	86.8	82.4
Module.....	14.97	15.31	15.26	14.96	15.25
Capacity.....	1,401	1,400	1,402	1,360	1,357
<i>Face:</i>					
m-n Height.....		11.66	11.08		11.74
alv. pt.-n Height.....	7	6.96	6.55	6.71	6.97
Breadth.....	12.97	13.34	12.87	13.06	13.13
<i>Facial Index:</i>					
Total.....		87.9	85.7		90
Upper.....	54.6	52.2	50.9	51.4	53.2
Basion-alv. pt. length.....	10.13	10.44	10.17	10.57	10.70
Basion-nasion.....	10.08	10.40	9.93	10.27	10.30
Basion-subnasal pt.....	8.90	9.37	9.13	9.33	9.36
<i>Facial angle</i> (degrees).....	69.5	70.5	69	69	68
<i>Alveolar angle</i> (degrees).....	51	55.5	52.5	51	48.5
<i>Orbits:</i>					
Height.....	3.30	3.32	3.13	3.26	3.34
Breadth.....	3.79	3.79	3.72	3.84	3.90
<i>Index</i>	87.1	87.6	84.1	84.9	85.6
<i>Nose:</i>					
Height.....	4.90	4.88	4.76	4.58	4.86
Breadth.....	2.70	2.82	2.66	2.77	2.67
<i>Index</i>	55.1	57.8	55.9	60.5	54.9
<i>Dental Arch:</i>					
Length.....	5.73	5.73	5.52	5.67	5.84
Breadth.....	6.51	6.70	6.27	6.62	6.82
<i>Index</i>	111.9	116.9	113.6	114.2	116.6
Lower Jaw: Height at Symphysis.....		3.58	3.47		3.53

FEMALE

	(28)	(26)	(7)	(19)
Number of Skulls.....				
<i>Vault:</i>				
Length.....	17.71	17.86	16.94	17.58
Breadth.....	12.98	13.02	12.96	13.18
Height.....	12.49	13.02	12.74	12.44
<i>Cranial Index</i>	73.3	72.9	76.5	74.7
<i>Mean Height Index</i>	81.6	84.3	86.7	80.7
Module.....	14.38	14.63	14.04	14.41
Capacity.....	1,242	1,245	1,182	1,205
<i>Face:</i>				
m-n height.....				10.50
alv. pt.-n height.....	6.50	6.54	6.52	6.37
Breadth.....	12.46	12.44	12.33	12.26
<i>Facial Index:</i>				
Total.....				82.7
Upper.....	51.7	52.6	52.9	51.9
Basion-alv. pt. length.....	9.93	9.84	9.76	9.90
Basion-nasion.....	9.70	9.76	9.40	9.51
Basion-subnasal pt.....	8.81	8.72	8.54	8.65
<i>Facial angle</i> (degrees).....	69.5	69.6	67	67.5
<i>Alveolar angle</i> (degrees).....	51.5	52	49	46.5
<i>Orbits:</i>				
Height.....	3.28	3.28	3.32	3.34
Breadth.....	3.72	3.62	3.73	3.37
<i>Index</i>	88.3	90.6	89	89.6
<i>Nose:</i>				
Height.....	4.62	4.56	4.61	4.45
Breadth.....	2.59	2.71	2.52	2.59
<i>Index</i>	55.9	59.4	54.7	53.2
<i>Dental Arch:</i>				
Length.....	5.41	5.57	5.38	5.48
Breadth.....	6.16	6.38	6.17	6.20
<i>Index</i>	114.6	114.5	115.8	115.5
Lower Jaw: Height at Symphysis.....		3.13		3.15

1 Estimated.

NOTES ON THE NEGRO

The above data show two outstanding results. One is the close relation of the negro skulls from widely separated parts of Africa. The second is the practical identity to this day of the American with the African negroes.

All through, the material is characterized by a poor development in the males of the external sex characters of the skull, particularly supraorbital ridges. In many of the specimens the sex identification could only be reached with the help of the skeleton, or with that of the relation of cranial module to cranial capacity.¹

Tendency to premature occlusion of the sagittal suture and consequent cranial deformation, especially scaphocephaly, necessitating the elimination of the specimen from anthropometric work is met with in all the groups, but is much more common in the American than in the African negro.

The west Africans appear to be less dolichocephalic and to have relatively a somewhat higher vault than the other groups; but the series is not large or comprehensive enough to permit of any definite conclusion.

The Afro-Americans differ from the Melanesian blacks in that:

The Afro-American skull is slightly broader, and relatively somewhat lower.

The facial as well as the alveolar protrusion (prognathism) in the Afro-Americans is somewhat more moderate, their nose is somewhat broader, the orbits (male) somewhat narrower.

The dental arch presents a higher index.

The lower jaw tends to be higher.

¹ Amer. Journ. Phys. Anthropol., 1928, vol. 8, p. 249.

