

THE "LONGSTONE" AT MOTTISTONE, ISLE OF WIGHT.

To the Editor of the "Journal of the Anthropological Institute."

DEAR SIR,

There is a short description of the "Longstone" at Mottistone, in the Isle of Wight, in a paper of mine which was published in the *Journal* for August, 1884. I there state that the "Longstone" is an upright stone, having a large flat stone (9 feet \times 4 feet \times 2 feet) lying on the north-east side of it, which I thought might have been slightly moved from its original position. On revisiting the stones last June I found that the flat stone had been shifted about ten feet, and that it now lies to the south-east and not to the north-east of the upright stone. Whether anyone has been digging there, and, if so, whether anything has been found, I do not know; but I think the change in the position of the stone is worth noting on its own account, and I am the more anxious that it should be noted in our *Journal*, since any of its readers going to the stones with my description in their hands might suppose that I had made a mistake; my original sketches, however, clearly show that this is not the case.

I am, dear Sir, yours truly,
A. L. LEWIS.

 ANTHROPOMETRIC STATISTICS FROM AMHERST COLLEGE,
MASS., U.S.A.

In the last Volume (xvii) of this *Journal*, at page 357, will be found a reprint of a brief account of the mean anthropometric results obtained at the gymnasium of Amherst College, Amherst, Mass., U.S.A., by Prof. E. Hitchcock, M.D. His observations refer to so unusual a variety of characteristics, carefully made by the same methods and instruments, and applied to so homogeneous a group, that more detailed accounts would have been very welcome to anthropologists. They would serve, at least, two purposes, the one to show the average variability of each characteristic, and the other to show their interdependence. With a view of determining the first of these objects, I wrote to Dr. Hitchcock, urging the preparation of tables, drawn up in the form by which the distribution of any faculty among the individual members of a group is usually expressed. He responded most cordially to my suggestion, and specially prepared the following tables in manuscript, which are here published, preceded by extracts from his accompanying letter.

FRANCIS GALTON.

"I have at length made out the mean tables of thirteen items, which were suggested as appropriate for study by you.

"By a little error I have not got the same number of observations on each item, but this is because I did not get the maximum and minimum of my whole records for a basis, but inadvertently took those for only one college year, and this unfortunately did not cover every case.

"EDWARD HITCHCOCK."

HEIGHT OF BODY. (*In Millimètres.*)

Years.	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	Total.
16	0	0	1	0	0	2	0	0	1	0	1	0	1	1	1	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	12
17	0	0	1	0	1	1	3	3	2	2	3	4	5	6	6	6	4	4	4	4	2	1	1	1	1	1	1	1	1	1	0	45
18	0	3	1	0	2	2	4	6	2	2	2	4	7	7	11	8	8	8	8	3	2	2	2	2	2	2	2	2	2	2	0	91
19	0	3	0	4	2	2	8	4	8	8	8	19	13	1	6	3	10	4	4	3	2	2	2	2	2	2	2	2	2	2	0	121
20	0	2	2	3	3	0	7	7	4	8	10	7	14	14	4	6	7	4	4	3	3	5	5	3	3	3	3	3	3	3	0	130
21	0	1	2	4	2	2	3	6	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	109
22	1	0	3	3	3	0	0	3	5	5	3	3	3	11	4	5	6	4	1	3	3	3	3	1	1	1	1	1	1	1	0	74
23	0	1	1	0	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	30
24	0	0	0	0	1	2	1	2	1	2	2	2	2	2	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	33
25	0	0	0	0	9	2	1	0	1	1	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
26	0	0	0	0	0	0	1	0	0	3	0	0	1	1	2	1	0	1	0	0	0	2	2	1	1	1	1	1	1	1	0	14
Total	1	10	11	17	14	11	31	31	33	34	31	49	63	57	37	41	49	27	27	28	16	16	9	10	3	7	3	3	0	0	1	670

HEIGHT OF NAVEL. (*In Millimètres.*)

Years.	920	930	940	950	960	970	980	990	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	Total.	
16	0	0	0	0	0	1	2	1	0	0	1	0	1	2	2	0	1	0	1	0	0	0	0	0	0	0	0	11
17	0	0	0	2	3	0	2	5	4	5	7	8	8	8	8	2	3	3	2	2	2	2	2	2	2	2	1	47
18	0	1	2	2	3	1	5	4	5	11	13	6	9	11	6	6	4	4	2	0	0	0	0	0	0	1	94	
19	1	1	2	3	3	5	9	9	5	11	13	10	12	9	11	6	5	4	5	4	0	0	0	0	0	1	121	
20	0	1	1	3	3	7	4	4	10	10	15	12	12	10	15	6	7	6	5	1	2	2	2	1	0	0	132	
21	1	0	3	0	3	5	9	4	6	11	18	10	7	1	3	3	3	4	4	2	2	2	2	0	0	0	107	
22	0	1	2	3	1	5	3	2	6	9	7	8	6	1	5	9	5	4	4	2	2	2	1	0	0	0	74	
23	0	0	0	0	2	2	1	2	1	2	2	2	2	2	2	3	7	1	1	0	0	0	0	0	0	0	29	
24	0	0	0	0	3	3	2	0	4	2	2	2	2	2	2	2	3	3	0	2	2	1	1	0	0	0	33	
25	0	0	1	0	1	1	0	0	0	2	2	2	2	2	2	2	4	0	0	0	0	0	0	0	0	0	11	
26	0	0	0	0	1	1	0	1	1	1	1	2	0	0	2	1	0	0	0	0	1	0	0	0	0	0	14	
Total	2	3	11	14	18	29	33	31	39	56	82	60	49	41	57	35	40	21	17	14	7	6	4	0	1	3	673	

Anthropological Miscellanea.

HEIGHT OF KNEE. (*In Millimètres.*)

Years.	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	Total.
16	0	0	0	0	3	3	0	2	1	0	2	1	1	0	0	0	0	13
17	0	1	0	5	4	7	7	5	6	3	4	1	1	0	0	0	1	45
18	1	2	2	6	9	8	12	18	19	16	5	3	1	1	1	1	0	95
19	0	2	5	8	14	11	20	22	12	7	10	8	2	0	0	0	0	121
20	0	1	8	9	9	16	26	20	18	9	9	3	2	0	1	1	0	132
21	0	1	2	17	15	12	12	18	13	5	8	7	2	0	0	0	0	107
22	1	1	5	3	10	10	9	12	8	10	1	2	0	0	0	0	0	72
23	0	1	1	1	7	1	4	2	5	4	1	0	0	2	0	0	0	30
24	0	0	2	0	5	4	5	3	6	1	2	1	4	0	0	0	0	33
25	0	0	2	1	1	1	0	2	1	1	0	2	0	0	0	0	0	11
26	0	1	0	0	2	0	3	3	1	1	0	1	0	1	0	0	1	14
Total	2	10	27	50	79	73	98	107	90	57	42	29	14	4	2	2	2	673

SITTING HEIGHT. (*In Millimètres.*)

Years.	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000	Total.
16	0	0	0	0	0	1	1	1	1	2	0	3	0	1	0	0	1	0	0	0	0	11
17	0	0	0	0	2	1	4	5	4	7	7	8	1	2	2	2	1	0	0	0	0	46
18	0	0	0	0	1	2	4	8	13	7	15	11	9	7	9	2	2	2	0	0	0	92
19	0	0	1	1	4	0	3	14	17	11	21	16	11	11	3	1	4	0	2	0	0	120
20	2	1	0	1	1	2	4	13	15	13	16	13	18	14	5	10	0	2	0	0	1	131
21	0	0	1	0	0	2	3	7	11	14	14	14	14	20	2	4	2	2	0	0	0	110
22	0	0	1	0	1	5	3	4	6	8	10	8	10	6	5	5	2	0	0	0	0	74
23	0	0	0	1	0	2	2	2	2	4	4	2	1	5	1	2	1	0	1	0	1	31
24	0	0	0	0	1	0	1	2	6	5	3	2	6	5	2	0	0	0	0	0	0	33
25	0	0	0	0	0	0	1	0	1	1	1	1	4	0	1	0	1	0	0	0	0	11
26	0	0	0	0	0	0	0	1	0	1	3	1	3	3	1	0	1	0	0	0	0	14
Total	2	1	3	3	10	15	26	57	76	73	94	79	77	74	31	26	15	6	3	0	2	673

GIRTH OF HEAD. (*In Millimètres.*)

Years.	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	Total.
16	1	0	0	0	2	0	1	4	1	0	1	1	0	0	0	0	0	0	0	11
17	2	0	1	2	3	8	9	5	7	1	4	2	2	0	0	0	0	0	0	46
18	0	1	3	6	6	12	13	7	14	9	10	6	1	3	1	2	0	0	0	94
19	1	0	3	6	10	11	23	12	17	14	6	5	9	0	4	1	0	0	0	122
20	1	0	4	6	9	8	20	11	28	9	16	11	7	2	2	0	0	0	0	132
21	0	0	4	4	5	10	13	12	21	11	6	11	5	3	4	0	1	0	1	111
22	0	0	2	3	3	6	14	6	15	9	8	4	0	1	3	1	0	0	0	75
23	0	1	0	0	3	3	5	2	8	4	2	2	0	0	1	0	0	0	0	31
24	0	0	0	0	4	1	6	2	6	6	4	3	0	0	1	0	0	0	0	33
25	0	0	0	0	0	0	3	0	1	2	1	1	2	0	1	0	0	0	0	11
26	0	0	0	0	1	0	2	0	4	2	3	2	0	0	0	0	0	0	0	14
Total	5	2	17	27	46	50	109	61	120	67	61	48	26	9	17	4	1	0	1	680

BREADTH OF HEAD. (*In Millimètres.*)

Years.	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	Total.
16	1	0	1	0	1	0	0	0	0	1	3	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	11
17	1	1	1	1	2	1	1	2	2	2	0	5	5	3	3	2	0	0	0	0	0	1	2	0	0	0	0	0	0	47
18	0	0	0	0	3	2	5	6	6	8	4	8	8	7	8	5	4	8	5	5	2	1	1	0	0	2	1	0	0	95
19	0	0	0	1	3	1	3	7	12	8	5	4	4	10	20	7	8	6	6	5	4	1	6	5	4	1	0	0	0	119
20	1	0	2	2	3	0	3	3	3	7	11	12	12	15	10	6	5	5	7	3	4	4	5	3	3	0	0	0	0	131
21	0	0	0	0	3	3	3	3	3	0	11	7	7	8	7	6	6	7	7	11	2	2	3	3	3	1	2	0	0	111
22	0	0	1	0	1	0	0	0	0	3	3	3	3	3	9	4	5	2	9	3	5	2	2	0	0	0	3	0	0	74
23	0	0	0	0	1	1	1	1	1	0	3	3	3	3	3	2	2	3	3	1	1	1	1	0	0	0	2	0	0	30
24	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	3	3	1	1	1	1	1	0	2	0	0	0	0	33
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11
26	0	0	1	0	0	0	0	0	0	0	0	0	3	0	5	1	0	1	1	2	0	0	0	0	0	0	0	0	0	14
Total	3	1	7	5	18	8	11	25	22	32	60	40	45	51	76	47	33	33	39	23	25	16	18	5	13	3	8	0	0	676

BREADTH OF SHOULDERS. (*In Millimètres.*)

Years.	370	380	390	400	410	420	430	440	450	460	470	480	490	500	Total
16	0	1	1	3	0	1	0	2	1	1	0	0	0	0	10
17	5	1	4	4	5	7	10	4	4	1	1	1	0	0	47
18	1	3	6	13	13	14	8	15	12	5	3	1	0	0	94
19	2	1	4	6	13	31	26	16	12	7	2	1	0	0	121
20	0	1	4	3	17	26	23	21	13	11	2	2	2	0	133
21	0	0	5	3	8	18	18	24	17	8	5	1	3	0	110
22	0	0	2	3	5	10	16	12	13	7	5	3	0	0	76
23	0	1	1	1	4	3	6	7	1	4	3	0	0	0	31
24	0	0	1	3	2	2	3	10	4	5	1	0	1	1	32
25	0	0	0	0	2	2	1	1	3	1	1	0	0	0	11
26	0	0	0	1	0	1	1	2	3	5	1	0	0	0	14
Total	8	8	28	40	69	115	112	114	88	55	27	9	6	1	680

BREADTH OF HIPS. (*In Millimètres.*)

Years.	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	Total.
16	0	2	0	2	2	2	1	0	1	0	0	0	0	0	0	0	0	0	10
17	4	9	2	10	3	5	3	5	0	2	1	0	1	0	0	0	0	0	45
18	3	10	10	9	9	11	15	6	6	4	3	2	0	0	0	0	0	2	90
19	5	7	10	20	19	14	14	14	7	3	4	0	0	2	0	1	1	0	121
20	8	2	11	14	21	18	18	9	12	7	3	3	2	0	0	0	0	2	129
21	3	4	9	15	11	17	14	12	7	1	3	1	0	0	0	0	0	0	108
22	4	3	5	6	7	11	9	7	11	4	2	2	1	0	0	0	0	0	72
23	2	1	2	3	2	4	7	1	5	0	1	0	2	0	0	0	0	0	31
24	1	1	2	2	2	3	4	7	6	1	2	0	0	0	1	1	0	0	33
25	1	0	1	0	0	3	1	1	1	2	1	0	0	0	0	0	0	0	11
26	0	0	1	1	0	3	0	1	3	1	3	1	0	0	0	0	0	0	14
Total	31	39	53	82	76	91	86	63	59	25	23	9	6	2	1	2	1	4	664

LENGTH SHOULDER ELBOWS. (*In Millimètres.*)

Years.	330	340	350	360	370	380	390	400	410	420	Total.
16	0	0	1	5	2	2	1	0	0	0	11
17	1	2	8	10	19	16	1	1	0	0	58
18	1	8	9	17	26	11	18	1	0	0	91
19	1	2	14	26	29	18	17	3	1	0	111
20	1	8	15	28	35	28	11	3	4	0	133
21	0	10	21	30	22	15	9	6	1	0	114
22	2	6	8	20	17	15	4	3	1	0	76
23	1	2	1	8	3	6	6	3	0	1	31
24	0	0	2	8	8	6	6	2	0	1	33
25	0	1	3	2	1	2	1	0	0	0	10
26	0	0	1	4	1	2	3	1	1	1	14
Total	7	39	83	158	163	121	77	23	8	3	682

LENGTH ELBOW TIPS. (*In Millimètres.*)

Years.	400	410	420	430	440	450	460	470	480	490	500	510	Total.
16	0	0	0	0	2	3	4	0	2	0	0	0	11
17	0	2	2	3	7	14	7	9	1	0	1	0	46
18	0	2	5	4	12	20	18	17	11	4	1	1	95
19	0	2	14	13	19	23	23	20	11	5	1	1	122
20	0	2	4	10	22	25	26	26	10	5	1	1	132
21	0	2	2	12	24	23	16	16	6	8	2	0	111
22	1	0	4	5	12	18	14	10	6	4	1	0	75
23	1	0	0	3	3	5	4	4	6	2	0	1	29
24	0	0	1	1	7	5	6	8	1	3	0	1	33
25	0	0	0	0	3	3	2	1	1	1	0	0	11
26	0	0	0	1	2	1	3	2	3	0	2	0	14
Total	2	10	32	52	113	140	123	113	58	32	9	5	679

LENGTH OF FEET. (In Millimètres.)

Years.	235	240	245	250	255	260	265	270	275	280	285	290	Total.
16	0	0	2	0	2	0	3	2	1	0	0	0	10
17	1	2	5	9	9	8	6	3	3	0	2	0	48
18	1	6	9	12	9	23	19	7	6	2	0	0	94
19	3	7	12	12	24	20	20	15	4	3	0	1	121
20	2	6	7	21	19	26	25	12	8	2	4	0	132
21	2	3	6	27	18	17	18	9	5	4	0	0	109
22	3	1	3	14	16	11	11	8	5	0	1	1	74
23	2	0	4	3	6	8	2	1	3	1	0	1	31
24	0	0	2	7	10	4	3	3	2	1	1	0	33
25	0	0	0	3	0	4	3	0	1	0	0	0	11
26	0	0	2	1	3	3	1	0	3	0	0	1	14
Total	14	25	52	109	116	124	111	60	41	13	7	5	677

STRETCH OF ARMS. (In Millimètres.)

Years.	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	Total.
16	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	1	1	1	0	1	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	11
17	0	0	0	1	0	0	0	2	2	1	2	4	4	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	46
18	0	0	1	0	0	0	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	92
19	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	122
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	136
21	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	109
22	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
26	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Total	2	2	4	3	3	6	12	15	18	19	26	28	30	33	34	40	38	42	32	30	33	38	36	28	23	21	13	17	11	10	6	7	6	2	1	4	1	1	5	677

LUNG CAPACITY. (*In Litres and Hundredths.*)

Years.	2·90	3·10	3·30	3·50	3·70	3·90	4·10	4·30	4·50	4·70	4·90	5·10	5·30	5·50	5·70	5·90	6·10	6·30	6·50	6·70	Total.	
16	0	0	0	3	2	1	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	11
17	0	2	4	7	7	4	3	6	4	4	2	2	0	0	0	0	0	0	0	0	0	45
18	1	2	5	8	11	15	9	10	12	10	3	3	2	1	1	0	0	0	0	0	0	93
19	0	3	6	9	17	17	13	18	16	4	7	3	3	3	2	0	0	0	0	0	1	122
20	1	3	4	9	18	11	15	15	14	15	6	12	4	2	3	1	0	0	0	0	0	133
21	0	1	4	7	16	14	10	14	7	11	10	6	4	2	1	0	1	0	0	0	0	108
22	0	1	1	7	4	8	9	7	11	9	7	3	4	3	0	1	0	0	0	0	0	75
23	1	0	1	4	1	2	1	6	5	2	2	3	1	0	0	0	0	0	0	2	0	31
24	0	0	3	1	1	1	3	9	6	2	3	2	2	0	0	1	0	0	0	0	0	34
25	0	0	0	1	1	0	1	1	2	1	3	0	0	0	0	1	0	0	0	0	0	11
26	0	0	0	0	2	1	3	3	1	0	3	1	0	0	0	0	0	0	0	0	0	14
Total	3	12	23	56	80	74	69	91	78	58	46	35	20	11	8	4	1	0	2	1	677	

Anthropological Miscellanea.