

## Research into Head Measurements

### Publication/Creation

c1889

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Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
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Circumference  
of Heads  
of Scissars in Men  
X (2)

*Memoranda*

PL

Head circumference  
of Scientific Men



In marriage by age see  
Quetelet Phyl: Social 1869. I. 275-6  
Eugl. Statist: internationale  
4<sup>e</sup> Bauspel, 1865 p 318.

Legoyt- Conditions d'accroisse-  
ment de la pop: Francaise  
Comparee aux populations Europ:  
Journ: Statis Paris 8<sup>th</sup> year no 7  
July 1867 p. 170

Annual report of Registrar Genl  
~~30<sup>th</sup> 1869 (to 1871)~~ Tables up 26  
of age of husbands & wives in  
combination.

~~29<sup>th</sup>~~ report p. II marriages  
in England from 1838-1866 (Table 2)  
prop: of marriages to each 100  
persons living. It is under 0.80  
between 1838 & 1843 inclusive (Green)  
<sup>only is only 0.801</sup> and over 0.85 between 1851 & 1856 (Green)  
inclusive - Smaller the births  
are under 3.2 from 1838 to 1840 (3 years)  
and over 3.5 from 1862 to 1866 (5 years)

p. IV comparison with prop of whites  
in the middle class marr: by Baum  
to 1 mar by Lorenz & 1 year higher price | 4.98  
9 - intermediate | 5.45  
9 - lower | 5.50

p.v.-vt Such marriages always  
 occurred when there is employment  
 for my persons - In London prices:  
 is small - cost of house accommodation  
 & more exacting requirements of social position  
 28<sup>th</sup> Report. p.v. There is a complete  
 series of returns of English marriages  
 from 1755 down to the present day  
 29<sup>th</sup> Report refers to

The 29<sup>th</sup> Report as containing  
 an elaborate investigation of  
 the whole series of marriages showing  
 that they fluctuate with the  
 prosperity of the country. This  
 is confirmed by the subsequent  
 records - It varies with the  
 price of wheat. - but the rule  
 is reversed in case of marriages  
 by licence.

27<sup>th</sup> Report - interesting but not  
 to my point

26<sup>th</sup> - says never did so many  
 young persons marry as in  
 this year

25<sup>th</sup> p.v. for one widow who  
 married & widowed there are nearly  
 two who marry spinsters  
 like in London appear to

discourage & retard. Early  
alliances - cost of houses.

24<sup>th</sup> - 27<sup>th</sup> - 22<sup>nd</sup> - 21<sup>st</sup> -

20<sup>th</sup> - p. v. Marriages vary  
with the prosperity of the country  
but the highest classes marry  
most when wheat is highest.

19<sup>th</sup> - v. Early marriages have  
been coming every year since  
1840, more common

18<sup>th</sup> -

10<sup>th</sup> - annual report p. 30 the  
tables of countries ages of  
marriage: are given at is ~~Quebec~~  
under 20 - 20 - 25 - , &c  
p. - p. xxvi a small table  
of marriages during 4 years  
in England France Austria  
Prussia (incomplete) Russia  
(only 1 year)

---

None of the others ~~have~~  
- contain anything.

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## Vrolich of Amsterdam on Pelvic of Jassa women

---

Many young & marry often  
Effect of dowry & dowry  
& general interest felt with  
families of the 'Selce'

The dowry influence is such  
that what she make an early  
marriage and preferred  
more than a later one & a  
healthy place for family.

Servants see "keeping company  
Knights Delta

Why should the independent class  
marry, why go through the  
ceremony? they would not  
if society repudiated - but  
we keep company

What is worth, leading an  
immoral life is bringing  
young sinners into the world  
People would look at average  
results as criminal but wish  
on the benefit of the chance.

English pop double itself  
 in 50 years Census 21 p 1841  
 United Kingdom in 84 years  
 Catholic clergy rash  
 accused of promoting  
 Irish marriage

Population of ultimate  
 increase because  
 a country will support many  
 more men of absolute ability  
 than of a poor lot.

Get men who will be left  
 behind by work

Breeding to the prophetic  
 faculty

Different motives

vengeance - hate - affection -  
 social esteem - independence  
 dependence

Man is a most docile animal

who can carry his brains  
 well and not be overweighed  
 by them - Stout spine



If the rank & file of men  
were able & refined in  
nature how unimportant  
large fortunes would be!

The Chinese system of  
giving honor to the ancestors  
of men who distinguished them-  
selves, as an encouragement to  
well bred men & women marriage  
early.

I need not go so far as to say that  
the "ill-natured" sh<sup>d</sup> be condemned to  
celibacy - only that marriage sh<sup>d</sup> be made  
difficult to them. Every man must act  
in obedience to his instincts & we cannot  
require too much self sacrifice for the  
benefit of his neighbors & his posterity.  
If therefore the alternative is between  
mercy to the individual & the probable  
production of "ill-natured" offspring, the  
individual may justly urge consideration  
to himself.

Prostitution is a child of  
poverty & the able to be such.

Doubledy - p. 22. Intercourse  
between the sexes is regulated  
in civilized society - then a  
man may be husband of but  
one wife.

(? in a man's right of civilized society  
an infirm person might not be  
allowed to marry at all.)

p. 23 Regulation is in things  
total - distinct a demand, another

p. 27 Proletarian is breeder  
& French *proletaire*.

Porter's II Laing's Notes  
of a Traveller through France &c  
is quote about Montreux  
and the way that speculation is  
there held in hand. (Refer  
to this a quodid)

Elevate the "Mrs Grundy" of  
a nation

Zehnig - Wolgen -  
 Glanther  
 Pami  
 Bequend  
 Mithra Anne Mable  
 (Schmid Lehr books  
 Melonologie)  
 Nile hegyptis  
 ? as Nile  
 " " Darling

---

Henry H. Howorth  
 Derby House  
 Eccles

writes in Nature 1871  
 p 162 in 1872 p 420  
 a 1872 p 24 in appearance  
 of North Polar area, citing  
 cold waters.  
 He also speaks of Scott but  
 excludes even Zang'bar.

f. 9

Volga V. 523 L 225  
Paris vain de la Russie 1699  
Russa: Met. 1857  
Bequerel les climats  
et l'influence qu'exercent les  
Sols Boisés sur  
atlas Met: 1867



f.9v

Mean  
Number  
of  
children

County Clergy  
London Doctors  
Artisans & Admin  
" Foremen  
Agric. Labourers

Name	ages		children in the house	Number
	Self	Wife		
Goldney	60		0	0
Otley	45	40		0
Biggs	45			6
Brodie				
Gaistord	55	50		2
Ed <sup>d</sup> Gray				4+?
Lee Sloke Broom				1
Harrison				5

Beaumont & Fletcher	4. 10
Maffeyes —————	2. 8
British Poets Complete	3. 10
Ben Jonson —————	3. 12
Hubbards —————	16
Hubbon —————	3. 8
Newick's birds	2. 2
Lalrode	2. 8
Continuation of ancient	1. 16
Hells Companion	12

f.11v

Journal Statist Soc 1865  
D. W. Farr mortality of  
children in different parts  
of Europe. Continued from  
vol XXVIII - Appendixes for  
authorities in various  
countries

Grassement Mémories  
Paris 1838 1. bound books

Strength. Stature &  
 Lunacy  
 Crime (in schools)  
 Disease.  
 Productiveness  
 (Locality Heredity occupation  
 nurture)  
 Immigrants.  
 (Schools all kinds - unimmigrants)  
 Banquet

Health Districts.  
 Married couples contracts  
 in height, colour. (Get from swimming  
 lockers - history of -  
 Percentage of long growth of 21  
 ? do they accord with the hypothesis  
 in height: & different occupations?

Growth in different schools where  
 boys come from same clubs  
 w<sup>o</sup> probably then the influence  
 of hereditary

Dull boys. address Principal  
 Post Office Tottenham High Crd. N  
 Times Feb 10

Spitalfields weavers.



- Abel
- 1 Ackland
- + Adams Prof J. Cond
- Adams Prof. W. Eryll
- Airy Sir G
- x Alderson Sir J. M.D. Ch E LC
- x Allman D-G 23
- x Asted <sup>0.57 metres</sup> Ch E C-L
- x Andrew T. M.D. <sup>22 1/2</sup> 22 7/8 Ch E O
- Apsley
- Aryll Duke
- x Armstrong Sir W 22 7/8 Ch E L
- Arnott J. M.
- x Babington C Ch E L
- x Back Sir 22 5/8 Ch E LC
- x Balfour Prof. J. H 23
- x Balfour T. G. M.D. 22 7/8
- x Ball John <sup>25 1/4</sup> 23 1/4 RC L
- x Bastien Prof. <sup>21 1/2</sup> 21 1/2
- x Bateman J. <sup>very long</sup>
- x Bateman J. F 21 6/8 Mac Ch E. C
- 1 Beale
- Beck
- Bell T. Prof:
- Bennet J. T
- x Bentham Geo 22 1/2 Ch E O (C)

f.145

5.9 $\frac{1}{2}$

5.10

5.10

5.5 $\frac{3}{4}$

5.10 $\frac{1}{2}$

5.10 $\frac{1}{2}$

5.9

5.9

5.11 $\frac{1}{4}$

6.3 $\frac{3}{4}$

5.8 $\frac{1}{2}$

5.9

5.11 $\frac{3}{4}$

5.11 $\frac{1}{2}$

Booth Neo?			
X Bowman W.			
i Brodie Lieb	22 <sup>3</sup> / <sub>8</sub>		
X Brooke Ch 23	22 <sup>5</sup> / <sub>8</sub>	F	
X Buckton G. W.	22 <sup>1</sup> / <sub>4</sub>	Ch E	C
<u>no</u> Burrows M.D.			
i Bush G.			
X Carpenter W. H.	?		
X Carter	22 <sup>1</sup> / <sub>2</sub>	Ch E	L
X Carrington	22 <sup>1</sup> / <sub>8</sub>	O	Radial
X Cayley	23-		
Challis			
Clarke M.D.			
Clifton			
X Cobbold	21-		
X Currey	23 <sup>3</sup> / <sub>4</sub>	Ch E	O(C)
X Darwin	22 <sup>1</sup> / <sub>4</sub>	O. Ch E	L
i Davidson			
X Debus	23		
X De la Rue	22 <sup>1</sup> / <sub>8</sub>	Ch E	L
Deonathure Duber			
Duncan	22 <sup>2</sup> / <sub>8</sub>		
X G. P. Gesta	22	Ch E	C
Greenkitten Cad			
X Evans Cap F	22 <sup>7</sup> / <sub>16</sub>		
X Evans John	22 <sup>1</sup> / <sub>2</sub>	?	L C

remains  
not soil

f.15r

5.8 1/2  
deformed

as

5.11 1/2

5.8 1/2

5.9

5.7 1/2

5.7

5.10 1/2

6. -

5.8 1/2

5.4

5.9 1/2

5.7 1/2

5.10

x Fairbairn W <sup>r</sup>	Ch Scotland	Le C
1 Farr W <sup>r</sup> MD		
x Fawcett Arthur MD	22 1/2	
1 Ferguson J.	22 6/8	
x Ferguson W <sup>r</sup>	22	Ch E C
x Forbes David	20 1/2	Ch E O
x Flower <sup>inquire</sup>	22 1/2	
x Foster George	22 3/4	
1 Foster Michael		
x Fox William		
1 Franklin		
x Gallin George	21 5/8	
x Gallin F. <sup>return in 21</sup>	21 1/8	
x Galbraith J P	24 7/8	
Geikie		
1 Gilbert		
x Gladstone J	22 1/2	Coang Ch E 4
Glanville J		
Godwin Amos		
Grant R. Prof.		
x Gray John D.	23	Ch E 4
x Greg	22 1/2	Amisara Le C
x Groves W <sup>r</sup> J. J. J.	24	? O 4-C
x Guenther	23 1/3	
x Guy D.	22 1/4	Ch E O
x Harcourt Vernon	22 1/4	Ch E 4

f.16r

6.-

5.7

6.-

5.8 $\frac{1}{2}$

6.-

5.11 $\frac{1}{2}$

5.11

5.10 $\frac{3}{4}$

5.9

5.6

5.10

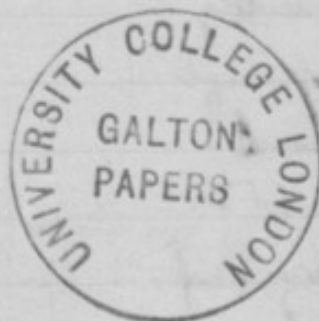
5.5 $\frac{1}{2}$

6.-

5.8 $\frac{1}{2}$

5.10 $\frac{1}{2}$

5.6 $\frac{1}{2}$



x Hablestey L <sup>d</sup>	24	Ch E.	L
x Houghton Res <sup>d</sup> Ref	21 <sup>3</sup> / <sub>4</sub>		
Hawskaw J			
x Heywood J	23 -		
x Hill in Rowtas	23 <sup>7</sup> / <sub>16</sub>		
Hind			
x Hirst	24	0	0
Holland l <sup>th</sup>			
x Hookes 21 <sup>3</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>2</sub>		
Houghton L <sup>d</sup>			
x Huggins W <sup>m</sup>	22		
x Humphrey Ref	22		
x Huxley	23		
Jamer l <sup>th</sup>	22 <sup>3</sup> / <sub>8</sub>		
Jardine l <sup>th</sup> W <sup>m</sup>			
x Jefferys Gwyn	23	Ch E	C
x Jenkins Fleming	21 <sup>3</sup> / <sub>4</sub>	Ch E	L
Jenner l <sup>th</sup> W <sup>m</sup>			
x Jones Nabest	23	Ch E	L
x Joons	23	Unitarian	L
Joule			
Kane l <sup>th</sup> R			
Kieman			
x Laiffell	22 <sup>1</sup> / <sub>2</sub>	Conventual	L
x Lawes		Ch E	Ref
Lee R.			

f.17r

5.9  
5.8

5.11 Henlow - 50.6  $\frac{3}{4}$   
5.7

6.2  $\frac{1}{2}$

5.10  $\frac{1}{2}$

5.11  
5.10

5.8  $\frac{1}{2}$   
5.7  $\frac{3}{4}$

5.3  
5.5  $\frac{1}{2}$

5.9  $\frac{1}{2}$   
5.8

Leperce hi Geoz - upward 125' water



Lloyd Nest 4. 80

1	Lockyer	22 <sup>1</sup> / <sub>8</sub>		
x	Labbock li f	21	Ch E	L
	Lyell hi C			
x	Main	23		
x	Marshall	23	Ch E	C
x	Maskelyne	23 <sup>1</sup> / <sub>16</sub>	a Scot	
x	Maxwell	23 <sup>1</sup> / <sub>2</sub>		
x	Merrifield	23	Ch E	L
x	Miers J.			
x	Miller W. H. Prof	22 <sup>1</sup> / <sub>4</sub>	Ch E	C
x	Newman			
x	Mioast		RC	
x	Newton	22 <sup>1</sup> / <sub>4</sub>		
1	Odling			
x	Osborne	24	Ch E	L
x	Owen	98. 23		
x	Paget			
x	Parker	23	Wesley or Ch E	O, C
x	Parkes MD	21 <sup>1</sup> / <sub>2</sub>	O Ch E	L
1	Pooy			
1	Percy			
	Pelticrew			
x	Phillips Prof	22 <sup>5</sup> / <sub>8</sub>		
x	Playfair	22 <sup>1</sup> / <sub>2</sub>	Presby: Ch E	L
x	Pole	22 <sup>1</sup> / <sub>2</sub>	cong: Ch E	O

f.18f

5.10

5.6

5.10

5.7<sup>3</sup>/<sub>4</sub>

5.8

5.4<sup>1</sup>/<sub>4</sub>

5.5

5.11

6.-

6.-

5.8<sup>1</sup>/<sub>2</sub>

5.11

5.10<sup>1</sup>/<sub>4</sub>

5.9<sup>1</sup>/<sub>2</sub>

5.8

5.7<sup>1</sup>/<sub>2</sub>

5.8<sup>1</sup>/<sub>2</sub>

5.10

x Prestwick	22 <sup>3</sup> / <sub>4</sub>	Ch E	L
/ Price			
Richard Ned?			
x Ramsay	22 <sup>3</sup> / <sub>4</sub>	22 <sup>1</sup> / <sub>2</sub>	
Naestlinen litt			
Nennie lit			
: Richard	21 <sup>3</sup> / <sub>8</sub>		
Richardson			
Robinson Res T			
x Roscoe	23 <sup>1</sup> / <sub>2</sub>	Uniton	L
x Kropf Paul	21		
Ruffell Scott			
x Sabine	21 <sup>6</sup> / <sub>8</sub>		
x Salisbury	23	Ch E	C
x Sanderson	23		
: Salmon Ned			
x Seater M L	23	Ch E	L
x Scott R H	22 <sup>1</sup> / <sub>4</sub>	Ch E	C
: Sharkey	24 <sup>3</sup> / <sub>8</sub>		
/ Sibson	23		
x Siemens	23 <sup>3</sup> / <sub>8</sub>	Proter	L
Simon			
/ Smith Co. Md			
/ Smith H. Prof	22 <sup>1</sup> / <sub>8</sub>		
x Smyth Prassi	23 <sup>1</sup> / <sub>2</sub>	Bible	—
x Smyth Warrington	21 <sup>5</sup> / <sub>8</sub>	X <sup>100</sup>	

F. Br

5.10 $\frac{1}{2}$

5.8

5.11

5.7 $\frac{1}{2}$

6.2

6.2

5.11

5.11

5.10 $\frac{1}{2}$

Small Aed. 23 $\frac{1}{2}$  wide - it had  
brown. Same size as the Lacedii Rob Pool  
of Chalmers.

5.9

5.7 $\frac{1}{2}$

x Spencer. Herbert			f13v
x Smythe Margaret			
x Spottiswoode	22 <sup>6</sup> / <sub>8</sub>		
Stanhope Earl			
x Stenhouse J	23 <sup>1</sup> / <sub>8</sub>	U. Pres	L
x Stewart Ballan	22	Ch E	LC
: Stokes G.S. Prof			
x Stokes W <sup>m</sup> - Prof Mid	24		
x Strachey	22 <sup>3</sup> / <sub>8</sub>		
Strange			
x Strzelecki			
i Sylvester	(99) 23 <sup>1</sup> / <sub>8</sub>		
Talbot Fox			
Thomson T. Mid			
x Thomson Prof Allen	22 <sup>1</sup> / <sub>2</sub>		
: Thomson W <sup>m</sup>			
? Todhunter			
Tyndall			
/ Taylor	22.		
biggell			
x Voelcker	23	Isaacson Baptist	L
x Watson Smith	22 <sup>1</sup> / <sub>2</sub>	Ch E	C
Wauchope in A			
/ Webster			
: Wheatstone in Cl.			
x Williamson A W	23		
x Williamson W <sup>c</sup>	22 <sup>7</sup> / <sub>8</sub>	Weed	L

f.20r

5.11 1/2 Spencer Hubert 5.10

5.8 1/2

5.10 1/4

5.10 1/2

5.8 1/2

5.7

5.9

5.10 1/2

6-

Father had in mouse head.

5.7 1/2

p. 20v

Within Ned  
X Yorke Col 22

5/15/73

62	X	or	5	+	3+2+1+1+2
49	1	or	5	-	-1-2-1-1-1
July 1/73					20/13

Aug 25/73					
73	X	or	5	+	+1+3+1+1+1
44	1	or	5	-	-1-1-1-1

Oct-14	X	or	5	+	50 +1+1
67	1	or	5	-	40
67					
75					

67 observed			additional	
$20\frac{1}{2}$	under	21	0	f.21r
21	"	$21\frac{1}{2}$	3	1
$21\frac{1}{2}$	"	22	5	
<del>22</del>	"	$22\frac{1}{2}$	15	
$22\frac{1}{2}$	"	23	20	
23	"	$23\frac{1}{2}$	14	
$23\frac{1}{2}$	"	24	4	
24	"	$24\frac{1}{2}$	4	1
$24\frac{1}{2}$	"	25	2	
25	"	$25\frac{1}{2}$	0	
$25\frac{1}{2}$		26		
			67	

The average is  $22\frac{3}{4}$  with  
 a probable error of  $\frac{1}{2}$  inch  
~~of  $\frac{1}{2}$  inch~~  $\frac{1}{2}$  inch very closely.

The average of heads given  
 is as Lincoln & Bennett  
 tell me  $22\frac{1}{4}$  or  $22\frac{1}{2}$



Green  
Same as Arthur B. 23 1/4

Farrar 7. 21 7/8

Bates 22 7/8

Boulton M. 23 1/16

Brodick 22 11/16

Butler Spence 22 7/8

~~Butler Spence~~ 23 3/16 or 23 2/8

Montage 22 1/4

Hawkins 21 3/16

Junsson 23.

~~Leape in ? exact~~  
9 1/4 by 7 exact 25 1/4

Markham 22 7/8

Duff Good 22

f.22

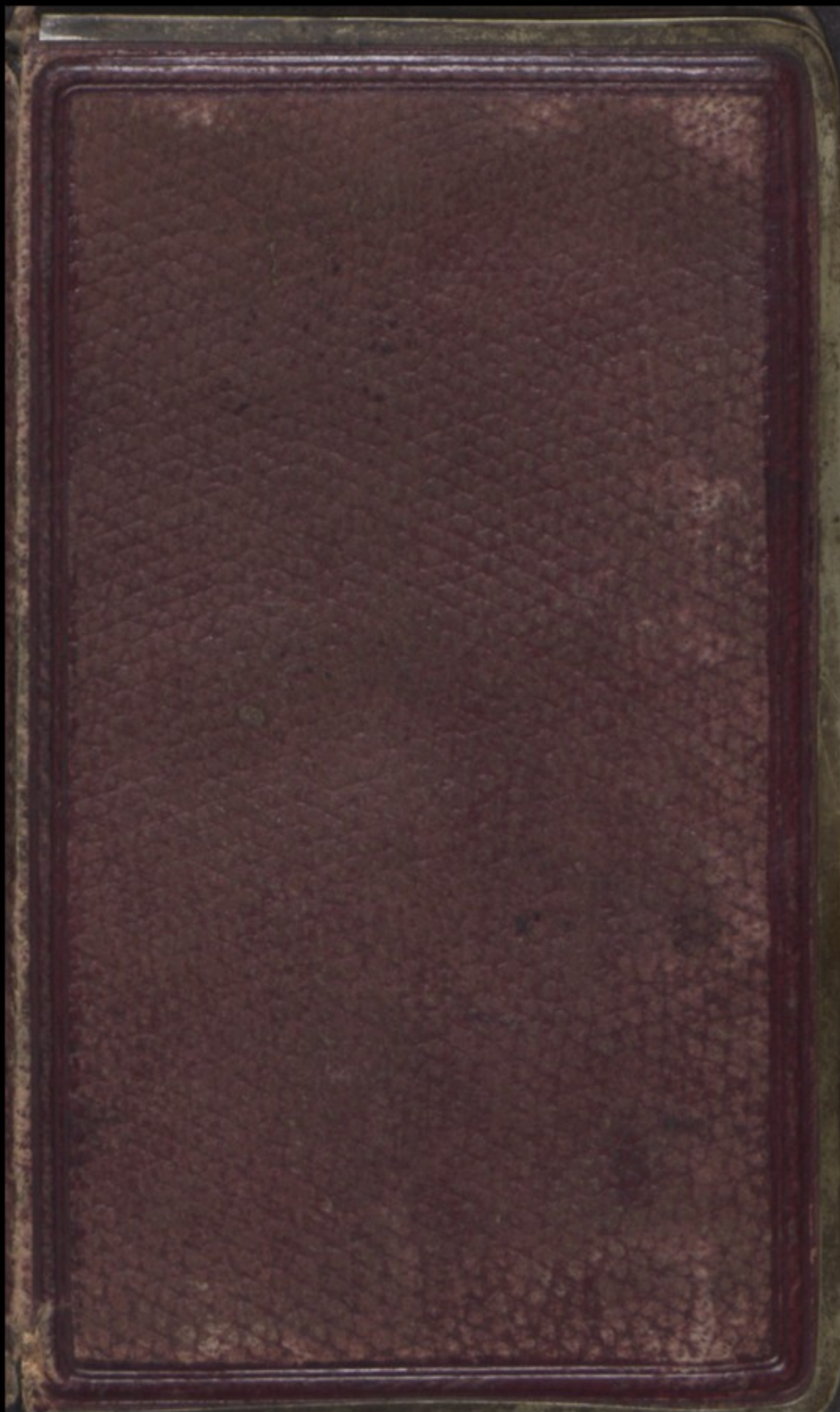
John Stuart 22<sup>1</sup>/<sub>8</sub>  
True coil.

Gibbs 22<sup>5</sup>/<sub>8</sub>  
Merch 5<sup>11</sup>/<sub>7</sub>.

~~Richard A. 21<sup>9</sup>/<sub>8</sub>~~

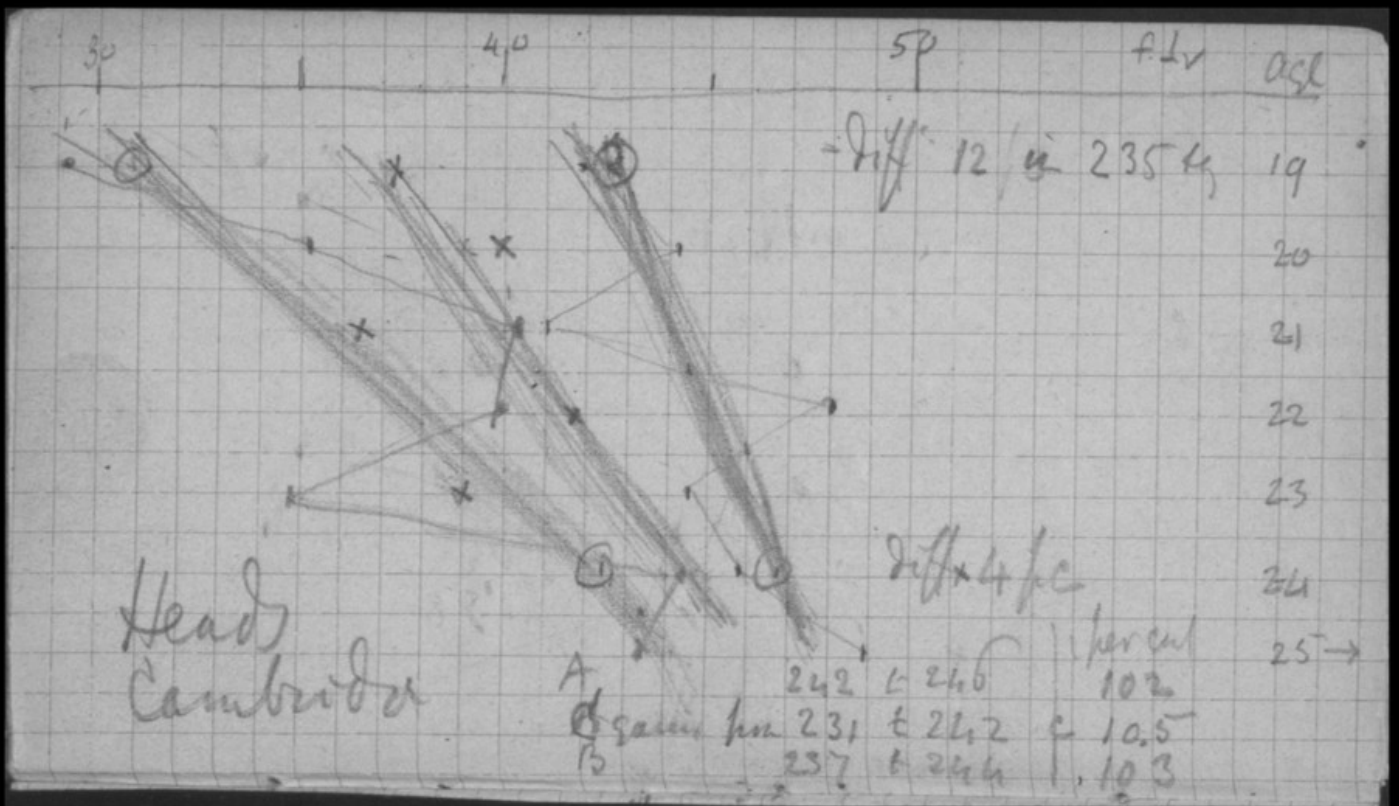
Wells/Pencer 23<sup>1</sup>/<sub>16</sub>

Reppell L<sup>o</sup>A 21<sup>7</sup>/<sub>8</sub>



f. J. r

UNIVERSITY COLLEGE LONDON  
GALTON PAPERS  
2/4/18/14



	A	B	C	f2r
19	241.9	237.1	229.1	
20	244.2	239.9	235.1	
	486.1	477.0	464.2	
21	241.0	236.4	240.2	232.1
22	240.1	241.7	240.0	480.2
	489.1	478.1		
23	244.6	239.0	235.0	
24	245.8	251.2	244.4	
	490.4	490.2	479.4	
	1245.2	1245.1	1239.7	
19, 20, 21	727.1	242.4	713.4	297.8
22, 23, 24	738.5	246.2	731.9	244.0
				704.4
				234.8
				719.4
				240.0

