93

ANTHROPOMETRIC LABORATORY
S. KENSINGTON
1 OCT. 94

3rd Copy

PHYSICAL INDEX

To 100 persons, based on their measures and finger prints.

(Set up in two parts as an experiment)

By Francis Galton, F.R.S., July, 1894.

GALTON/2/13/3/30

PHYSICAL INDEX

To 100 persons, based on their measures and finger prints.
(Set up in two parts as an experiment).

By Francis Galton, F.R.S., July, 1894.

Part I. is based primarily on 5 measures, as in bertillonage; secondarily on finger prints.

Part II. Conversely.

The labels are printed from different arrangements of two sets of stereotype blocks, taken from the letterpress of a supposed criminal register in which the order of entry is that of registration.

The labels are also suitable for cutting up and pasting on cards, to serve as a card catalogue, each with one or more finger prints at its back for final identification.

A cabinet of 27 broad and shallow drawers measuring, over all, less than 12 inches in height and 4½ feet in width, would contain more than 100,000 of these small cards arranged as a catalogue.

Description of the Labels.

The first line of each label contains the title for alphabetical and numerical reference.

Its left portion expresses in an abbreviated form the results of the five measurements given in detail in the second line; its right portion defines the patterns (arch, loop or whorl) of the ten digits. The method of abbreviation is described further on.

The second line gives the actual measures (in millimetres) of 5 dimensions, in the following order :— (1) head length, (2) head breadth, (3) extreme breadth between cheek bones, (4) length of left cubit, (5) length of left middle finger.

The third line relates to peculiarities in the prints of the following 6 fingers, and in this order—fore, middle and ring fingers of the right hand ; then those same fingers of the left hand.

The fourth line contains—initials, dates of birth and of measurement, and register number.

Abbreviations used in the Title.

A, L, W signify Arch, Loop, and Whorl ; U and R are used in the forefingers only, for loops, according to their direction downwards, whether to the ulnar, or little finger side, or to the radial, or thumb side.

a, l, w signify short, medium, or long. The limits here used for the medium values are, for (1) 191 to 196 inclusive, (2) 150 to 155, (3) 129 to 136, (4) 450 to 464, (5) 113 to 116. Measures below these are reckoned as short, above these as long.

The further abbreviations are :—

1 = a a or AA, 2 = a l or A L, 3 = a w or AW ;
4 = l a or LA, 5 = l l or L L, 6 = l w or LW ;
7 = w a or WA, 8 = w l or WL, 9 = w w or WW.

Example—64 w U 5 A 5, 52 ; means, medium, long ; medium, short ; long.—ULL, ALL ; LL, AL. The order of the measures has already been described, also that of the first six finger prints ; the remaining four (as LL, AL) refer to the thumb and little finger of the right hand, then to those of the left.

These abbreviations may seem at first to be complex, but they are in reality simple. They are used not only to save space, but chiefly as a great relief to the eye and memory when making references.

Explanation of the Suffixes,

which are printed as letters and figures in the third lines of the labels

a is equivalent to "this pattern might also be called an arch."

b partially burnt by fire or chemicals, or so spoilt by work as to leave granulations in the place of ridges.

d the finger is so damaged that a legible print can hardlybe made.

g the whorl has a large core.

k the inner part of the pattern is hooked, more or less.

ko the whorl has a coil inside.

l "this pattern might also be called a loop."

m the pattern is minute, so small that two specimens of its characteristic portion would occupy less space than that covered by a single dabbed print.

o well defined rings about the core of a whorl.

p compound; as when two loops lie one above the other.

q a spiral whorl that is twisted up to a point, or nearly so.

r opening towards the radial, or thumb side.

s opening towards both the radial and the ulnar sides. The whorls that do so are often traversed by a sinuous line of ridges.

t tent-shaped; commonly used with *a*; thus *at* is a tented arch.

u opening towards the ulnar or little finger side. As this is by far the most frequent direction it is not noted, but assumed, except under special circumstances.

v invasion by a blunted system of ridges. Strictly speaking, they should proceed from and return to the contour of the pattern, but latitude is allowed when the v formation is very distinct.

w "the pattern might also be called a whorl."

y the core is eyed like a needle, or like the rim of a racquet.

z the finger is deficient.

! scarred by a cut or otherwise; or it may be partly deficient.

† badly scarred as above.

* smashed.

The figures express the number of ridges in a loop that lie between the outer and inner termini as defined below. The terminus from which the count begins is reckoned as o; the count proceeds in a straight line up to and including the other terminus.

Outer terminus—The contour of the loop may begin with (*a*) a ridge that splits into two or (*b*) by two adjacent ridges that suddenly diverge, in which case a dot usually lies in front of the place of divergence.

(*a*) The point of bifurcation is the terminus. When there is doubt between two or more bifurcations, the one to be selected is that which is nearest to, but *not less than*, a right angle.

(*b*) The dot or nearest ridge, in front of the divergence is the outer terminus.

Inner terminus—The core of the loop may consist of (*c*) an uneven or (*d*) an even number of ridges.

(*c*) The top of the central "rod" is the inner terminus.

(*d*) The further shoulder of the central "staple" is the inner terminus, the nearer shoulder counting as a separate ridge.

PART I.

This consists of four separate pages; in each page the labels are arranged in numerical and alphabetical order:—

(1) of the measures, as shewn by the left-hand portion of the title.

(2) of the finger prints, as shewn by the right-hand portion of the same title.

The subsequent entries aid in the differentiation of persons who bear the same title.

FRANCIS GALTON

Adult males, measured or remeasured April 16 to May 9, 1894.

13 l			W 9 W 6,99		51a			W 6 W 5, 88		65w			U 5 R 5, 55	
185	149	126	470	115	194	152	128	439	104	194	158	131	456	117
—	—	—	o	v y —	r	—	—	r o	— —	13v	14	v	7k	— —
F.C.F.	1868-94		6544		H.G.	1867-94		560		H.R.	1850-94		3837	
16a			U5 U5, 55		53w			R6 W6, 85		71a			R5 R5, 55	
189	147	130	465	109	194	154	125	467	119	197	149	126	420	107
13	11!	--	12	— —	y w	—	--	r	— —	8	13	—	7	— —
E.A.M.	1873-94		5339		A.A.B. McF.	1861-94		6512		A.G.S.	1863-94		6509	
16w			W 9 U 9, 55		54a			W 5 U 5, 58		73 l			R 6 U 5, 98	
184	148	129	489	122	196	155	135	435d	109d	197	148	128	478	114
rm	o	g	—	— g	v g	—	—	—	— —	—	—	—	13	— —
M.W.T.	1872-94		6504		F.C.	1857-94		6533		G.L.W.	1877-94		6546	
24a			U 5 U 5, 55		54 l			A 2 R 5, 85		79w			R 6 A 2, 85	
186	151	129	447	111	191	152	135	433	113	199	145	137	527	130
14	21	—	14	— —	—	tr	—	7	— —	—	rk	—	r	— —
F.H.G.	1874-94		6537		T.A.L.	1859-94		250		E.A.DuC.	1872-94		2290	
26w			X 3 U 6, 85		55w			W 6 W 9, 98		86w			R 9 U 5, 55	
189	151	132	471	119	194	153	131	458	119	206	151	134	499	126
d	y	r	3	— y	—	18	0	s	— —	—	a y	y	8	— —
A.J.R.	1842-94		11		C.H.	1825-94		6551		W.B.D.E.	1867-94		148	
39a			W 6 U 5, 88		56a			U 6 U 6, 65		89w			U 5 R 5, 55	
181	156	147	466	111	196	151	133	440	109	203	151	137	486	121
—	—	—	—	— —	9	—	—	11!	— —	6	16	—	2a	— y
F.G.	1822-94		12		G.H.	1850-94		6543		C.J.E.	1870-94		6547	
41a			W 6 U 5, 55		56 l			W 6 W 9, 55		94 l			U 6 R 5, 55	
196	145	124	441	107	191	150	135	478	122	199	156	130	436	114
rm	—	m	12	— —	r	—	—	s	— —	1a	—	—	4	4 —
G.E.W.B.	1874-94		4554		P.B.T.	1873-94		6505		W.J.N.	1873-94.		2827	
44 l			A 5 U 5, 85		59w			W 5 R 9, 88		97a			R 6 R 3, 88	
192	148	134	447	115	192	150	139	467	118	201	165	143	440	112
2u	y	—	5	— —	—	—	y	—	— —	3	3	—	3	2r —
P.J.H.	1874-94		4576		A.E.L.	1866-94		6565		S.L.	1867-94		5508	
48a			R 9 R 6, 56		63w			U 5 R 6, 55		99w			U 6 W 5, 55	
192	149	140	451	112	196	159	125	489	122	201	157	157	509	124
y	—	—	—	— —	13	—	—	—	! g	!	—	y	r	4 —
H.F.O.	1873-94		6558		W.M.D.E.	1874-94		5181		W.S.	1824-94		6561	
49w			W 6 W 5, 56		65 l			A 2 A 2, 55		99w			R 5 A 5, 55	
195	149	139	473	119	192	163	135	461	115	200	159	155	474	117
—	—	—	r o	— y	—	1	—	2	— —	19	—	—	t	— —
P.J.B.	1873-94		6568		A.W.A.	1841-94		3818		G.F.O'D.	1858-94		6536	

Adult males, measured or remeasured May 9 to May 22, 1894.

15 l	R 5 R 5, 85					59 w	U 6 U 6, 55					86 w	A 2 A 1, 22				
188	147	133	462	115		194	154	142	483	121		199	150	132	470	118	
—	y!	—	‖	ra	— —	—	—	—	‖	—	— —	—	—	3	‖	—	! —
J.P.J. 1869-94					6592	C.E.B. 1841-94					6596	R.M. 1857-94					6603
15 l	U 5 U 6, 55					64 w	U 5 A 5, 52					881	WXL W 5, 85				
186	147	131	452	113		195	156	131	445	117		199	154	138	455	113	
3	— —	‖	t	— y		—	— —	‖	u1	3 —		—	d —	‖	r	! yv	
C.H.C. 1865-94					6571	P.A.C. 1866-94					966	A.D. 1871-94					278
27 a	U 5 U 6, 55					67 a	R 6 U 5, 85					89 l	R 6 R 5, 56				
187	150	140	434	105		195	159	139	432	111		199	155	138	465	115	
!	— y	‖	!	— --		2	— y	‖	—	— —		7	— ly	‖	—	t —	
J.S. 1866-94					6591	G.R. 1876-94					6560	J.P. 1864-94					6584
29 w	W 9 W 9, 98					69 w	R 6 W 6, 95					89 w	R 5 R 5, 52				
190	153	140	487	117		193	168	140	491	121		197	154	137	499	123	
—	m —	‖	—	r! —		—	— —	‖	p	— —		2	— —	‖	2	! —	
A.S. 1867-94					6539	W.H.F. 1831-94					136	F.F. 1853-94					6555
37 l	W 6 W 5, 68					69 w	U 5 R 5, 55					89 w	R 5 R 5, 55				
187	158	139	449	113		190	162	145	482	119		206	152	138	481	118	
r	— —	‖	r	— vy		3	— v	‖	5	— v		11k	2 y	‖	2	— —	
R.K. 1867-94					6588	E.G.F. 1863-94					6602	A.T.C. 1872-94					1243
41a	U 6 W 6, 65					69 w	U 5 U 5, 85					89 w	R 6 W 6, 65				
194	146	127	437	110		191	161	139	470	122		200	154	141	501	123	
v	— —	‖	r	— —		8	7 —	‖	7	— —		—	— r	‖	s	! y	
H.B. 1872-94					6583	C.C.F.M. 1867-94					162	R.A. 1869-94					2214
47 a	W 6 W 6, 88					69 w	W 5 W 9, 58					89 w	W 9 W 9, 99				
195	148	140	446	111		195	156	142	492	119		204	154	144	488	125	
o	v —	‖	o	wv —		—	— —	‖	g	— —		r	— —	‖	r	— —	
G-A. 1839-94					6578	J.C.B. 1850-94					6595	E.S. 1870-94					6580
48 l	U 6 U 6, 98					78 w	W 9 W 9, 89					97 a	U 5 A 2, 58				
196	147	137	460	115		199	151	142	464	119		200	156	140	425	107	
14	— —	‖	11	! — —		r	r —	‖	r	r —		8	— —	‖	—	— —	
C.T. 1840-94					4199	W.W.A. 1868-94					6606	A.M.B. 1848-94					367
58 a	A 6 R 5, 88					79 l	W 6 W 5, 55					98 l	U 6 U 6, 55				
196	153	138	454	111		203	149	137	479	116		198	157	145	454	116	
y	v y	‖	—	k —		r	— —	‖	r	— y		10	— —	‖	14	— v	
G.K. 1862-94					6590	G.S.E. 1869-94					155	J.W. 1873-94					6569
59 w	A 3 A 2, 22					82 a	W 6 W 5, 55					99 w	W 6 W 6, 55				
195	150	148	486	122		198	151	127	452	111		204	160	142	500	129	
—	— ly	‖	—	— y		r	— —	‖	r	— —		r	— —	‖	ko	— —	
W.L.J. 1852-94					2591	W.E.R. 1873-94					6605	A.M.A. 1873-94					6589

FRANCIS GALTON

Adult males, measured or remeasured May 22 to June 4, 1894.

11 a			A 5	U 5,	55	56 w			R 6	W 5,	85	87 a			R 5	R 5,	55
190	145	130	435	108		196	153	134	480	130		203	153	141	443	108	
1	—	y !	‖	—	—	—		vy	—	—	‖	s	—	v		8	—	—	‖	3	—	—		
W.H. 1860-94					6641	B.C.P. 1872-94					6617	W.F.H. 1857-94					6628
12 l			U 2	A 2,	55	59 a			U 5	U 6,	98	87 a			U 5	R 5,	55
181	138	122	457	115		196	152	139	455	110		197	152	138	439	110	
3	—	—	‖	—	2u	—		—	—	yr	‖	y	!	—		5	!	6	‖	—	—	—		
R.M.W. 1871-94					5409	H.P.F. 1843-94					6651	J.J.G. 1864-94					6622
14 l			U 6	U 5,	85	67 a			U 6	U 2,	85	87 a			W 9	W 9,	96
187	139	130	440	115		191	158	137	427	106		201	155	144	442	115	
—	—	—	‖	—	—	—		Burn	—	y	‖	3	1	—		r	—	—	‖	r	s	—		
W.B.D. 1869-94					4407	J.W.E. 1874-94					6636	S.M. 1865-94					2899
14 l			W 6	U 5,	98	74 a			R 5	W 5,	55	87 l			U 5	U 5,	52
188	148	132	445	115		198	149	133	434	110		198	155	140	442	113	
r	—	—	‖	—	—	—		y	—	!	‖	y	a	—		—	—	wy	‖	—	3	wy		
O.P.M. 1872-94					5652	R.M. 1859-94					6627	W.J.J.L. 1854-94					6626
34 a			U 5	R 5,	55	75 a			U 5	U 5,	55	88 w			A 5	W 5,	88
189	156	136	420	102		197	143	132	453	112		199	151	138	453	120	
5	—	—	‖	—	—	—		16	—	y	‖	—	—	—		—	—	—	‖	Kor	—	y		
E.H. 1869-94					6643	F.O'D.H. 1865-94					4687	H.D.M. 1870-94					6652
41 a			R 5	R 5,	85	75 w			U 6	R 6,	88	89 w			W 9	W 9,	99
192	139	123	431	108		199	149	134	459	119		205	151	140	490	129	
—	1a	v	‖	—	—	—		!	—	—	‖	Kv	—	!		r	s	—	‖	r	s	r		
H.P. 1866-94					6614	A.E.B. 1870-94					5560	H.A.P. 1870-94					3589
46 w			A 5	U 5,	88	84 l			A 5	R 5,	86	97 a			R 9	W 9,	55
190	148	129	476	121		199	149	134	442	115		205	156	139	445	111	
1r	—	—	‖	—	—	—		2r	—	—	‖	—	—	—		K	r	—	‖	s	r	s		
C.O. 1870-94					6611	T.S.H. 1873-94					6635	J.C.M. 1842-94					6625
46 w			W 6	W 8,	85	86 l			W 9	W 9,	98	99 l			U 5	A 6,	85
196	146	132	470	121		199	154	136	479	115		201	162	147	474	115	
r	rat	—	‖	r	r	—		r	—	—	‖	r	sl	—		—	—	—	‖	t	3	—		
H.W.C. 1872-94					6618	R.M. 1860-94					6648	J.A. 1872-94					6640
52 w			W 9	W 9,	98	86 w			A 6	W 5,	55	99 l			W 9	W 8,	88
195	151	125	450	117		203	153	132	469	118		198	157	141	466	115	
—	—	—	‖	g	—	—		r	y	—	‖	r	—	y		r	!	—	‖	r!	s	y		
F.A. 1827-94					6613	P.T. 1873-94					2166	O.T.M. 1863-94					6632
54 w			R 9	W 6,	55	87 a			R 5	R 2,	88	99 w			R 8	R 5,	85
195	153	135	432	118		201	153	140	415	110		206	160	147	487	122	
v	ry	—	‖	r	—	—		—	—	—	‖	—	t !	—		—	—	—	‖	—	—	—		
H.V.R. 1860-94					6642	H.S.K. 1860-94					6615	A.J.H. 1871-94					6645

FRANCIS GALTON

Adult males, measured or remeasured June 4 to June 9, 1894.

14 a			W 9	W 9, 58		17 a			U 5	U 6, 55		54 a			A 1	A 2, 52	
185	142	133	430	111		184	147	143	440	110		196	150	136	437	110	
r	—	—	‖	r	s !	—	—	y	‖	y	– m	—	—	—	‖ —	—	2a
W.H.W. 1870-94					6662	H.R.F. 1837-94					6632	H.J.W. 1869-94					2301

57 a			A 5	U 5, 55		68 l			U 5	A 5, 55		68 l			W 6	U 5, 95	
196	153	137	438	108		196	156	140	452	115		192	157	143	460	114	
t	—	—	‖	—	— —	v6	—	—	‖	!	— —	r	—	—	‖	—	— y
E.L.R. 1864-94					6654	W.G.G. 1849-94					3765	E.L.C. 1863-94					6665

69 a			W 9	W 9, 99		77 a			W 9	W 9, 98		85 l			R 5	R 5, 55	
191	161	142	469	111		204	148	143	448	114		198	155	134	458	115	
—	—	—	‖	Coil	s s	r	r	—	‖	r	— —	16*	—	—	‖	v !	— —
O.F.R. 1874-94					4702	J.F. 1857-94					6660	A.G.M. 1868-94					6667

88 a			U 6	W 5, 55		
199	152	142	454	110		
—	—	—	‖	—	! y	
E.P.T. 1859-94					6665	

PART II.

This consists of four pages in which the labels are arranged consecutively in alphabetical and numerical order:—

(1) of the finger prints, as shewn by the right-hand portion of their titles.

(2) of the measures as shown by the left-hand portion of the same titles.

The subsequent entries aid in the differentiation of persons who bear the same title.

PHYSICAL INDEX

TO 100 PERSONS,

Based primarily on their finger print, and secondly on their measures.

By FRANCIS GALTON, June, 1894

---

54 a A1 A2, 52

196 150 136 437 110

— — — ‖ — — 2a

H.J.W. 1869-94 2301

86 w A2 A1, 22

199 150 132 470 118

— — 3 ‖ — ! —

R.M. 1857-94 6603

65 l A2 A2, 55

192 163 135 461 115

— 1 — ‖ 2 — —

A.W.A. 1841-94 3818

54 l A2 R5, 85

191 152 135 433 113

— tr — ‖ 7 — —

T.A.L. 1859-94 250

59 w A3 A2, 22

195 150 148 486 122

— — ly ‖ — — y

W.L.J. 1852-94 2591

84 l A5 R5, 86

199 149 134 442 115

2r — — ‖ — — —

T.S.H. 1873-94 6635

11 a A5 U5, 55

190 145 130 435 108

1 — y! ‖ — — —

W.H. 1860-94 6641

44 l A5 U5, 85

192 148 134 447 115

2uy — — ‖ 5 — —

P.J.H. 1874-94 4576

46 w A5 U5, 88

190 148 129 476 121

1r — — ‖ — — —

C.O. 1870-94 6611

57 a A5 U5, 55

196 153 137 438 108

t — — ‖ — — —

E.L.R. 1864-94 6654

88 w A5 W5, 88

199 151 138 453 120

— — — ‖ Kor — y

H.D.M. 1870-94 6652

58 a A6 R5, 88

196 153 138 454 111

y v y ‖ — k —

G.K. 1862-94 6590

86 w A6 W5, 55

203 153 132 469 118

r y — ‖ r — y

P.T. 1873-94 2166

R

99 w R5 A5, 55

200 159 155 474 117

19 — — ‖ t — —

G.F.O'D. 1858-94 6536

87 a R5 R2, 88

201 153 140 415 110

— — — ‖ — t! —

H.S.K. 1860-94 6615

89 w R5 R5, 52

197 154 137 499 123

2 — — ‖ 2 ! —

F.F. 1853-94 6555

71 a R5 R5, 55

197 149 126 420 107

8 13 — ‖ 7 — —

A.G.S. 1863-94 6509

74 a R5 W5, 55

198 149 133 434 110

y — ! ‖ y a —

R.M. 1859-94 6627

85 l R5 R5, 55

198 155 134 458 115

16* — — ‖ v! — —

A.G.M. 1868-94 6667

87 a R5 R5, 55

203 153 141 443 108

8 — — ‖ 3 — —

W.F.H. 1857-94 6628

89 w R5 R5, 55

206 152 138 481 118

11k 2 y ‖ 2 — —

A.T.C. 1872-94 1243

41 a R5 R5, 85

192 139 123 431 108

— 1a v ‖ — — —

H.P. 1866-94 6614

15 l R5 R5, 85

188 147 133 462 115

— y! — ‖ ra — —

J.P.J. 1869-94 6592

79 w R6 A2, 85

199 145 137 527 130

— rk — ‖ r — —

E.A.DuC. 1872-94 2290

97 a R6 R3, 88

201 165 143 440 112

3 3 — ‖ 3 2r —

S.L. 1867-94 5508

89 l R6 R5, 56

199 155 138 465 115

7 — ly ‖ — t —

J.P. 1864-94 6584

67 a R6 U5, 85

195 159 139 432 111

2 — y ‖ — — —

G.R. 1876-94 6560

73 l R6 U5, 98

197 148 128 478 114

— — — ‖ 13 — —

G.L.W. 1877-94 6546

56 w R6 W5, 85

196 153 134 480 130

vy — — ‖ s — v

B.C.P. 1872-94 6617

89 w R6 W6, 65

200 154 141 501 123

— — r ‖ s ! y

R.A. 1869-94 2214

53 w R6 W6, 85

194 154 125 467 119

y w — — ‖ r — —

A.A.B. McF. 1861-94 6512

69 w R6 W6, 95

193 168 140 491 121

— — — ‖ p — —

W.H.F. 1831-94 136

99 w R8 R5, 85

206 160 147 487 122

— — — ‖ — — —

A.J.H. 1871-94 6645

48 a R9 R6, 56

192 149 140 451 112

y — — ‖ — — —

H.F.O. 1873-94 6558

86 w R9 U5, 55

206 151 134 499 126

— a y y ‖ 8 — —

W.B.D.E. 1867-94 148

54 w R9 W6, 55

195 153 135 432 118

v ry — ‖ r — —

H.V.R. 1860-94 6642

97 a R9 W9, 55

205 156 139 445 111

K r — ‖ s r s

J.C.M. 1842-94 6625

U

12 l U2 A2, 55

181 138 122 457 115

3 — — ‖ — 2u —

R.M.W. 1871-94 5409

97 a U5 A2, 58

200 156 140 425 107

8 — — ‖ — — —

A.M.B. 1848-94 967

64 w U5 A5, 52

195 156 131 445 117

— — — ‖ u1 3 —

P.A.C. 1866-94 966

68 l U5 A5, 55

196 156 140 452 115

v6 — — ‖ ! — —

W.G.G. 1849-94 3765

99 l U5 A6, 85

201 162 147 474 115

— — — ‖ t 3 —

J.A. 1872-94 6640

34 a U5 R5, 55

189 156 136 420 102

5 — — ‖ — - —

E.H. 1869-94 6643

65 w U5 R5, 55

194 158 131 456 117

13v 14 v ‖ 7k — —

H.R. 1850-94 3837

69 w U5 R5, 55

190 162 145 482 119

3 — v ‖ 5 — v

E.G.F. 1863-94 6602

87 a U5 R5, 55

197 152 138 439 110

5 ! 6 ‖ — — —

J.J.G. 1864-94 6622

89 w U5 R5, 55

203 151 137 486 121

6 16 — ‖ 2a - y

C.J.E. 1870-94 6547

87 l U5 U5, 52

198 155 140 442 113

— — wy ‖ — 3 wy

W.J.J.L. 1854-94 6626

16 a U5 U5, 55

189 147 130 465 109

13 11! — ‖ 12 — —

E.A.M. 1873-94 5339

24 a U5 U5, 55

186 151 129 447 111

14 21 — ‖ 14 — —

F.H.G. 1874-94 6537

75 a U5 U5, 55

197 143 132 453 112

16 — y ‖ — — —

F.O'D.H. 1865-94 4687

69 w U5 U5, 85

191 161 139 470 122

8 7 — ‖ 7 — —

C.C.F.M. 1867-94 162

15 l U5 U6, 55

183 147 131 452 113

3 — — ‖ t — y

C.H.C. 1865-94 6571

17 a U5 U6, 55

184 147 143 440 110

— — y ‖ y — m

H.R.F. 1837-94 6632

27 a U5 U6, 55

187 150 140 434 105

! — y ‖ ! — —

J.S. 1866-94 6591

59 a U5 U6, 98

196 152 139 455 110

— — yr ‖ y ! —

H.P.F. 1843-94 6651

63 w U5 R6, 55

196 159 125 489 122

13 — — ‖ — ! g

W.M.D.E. 1874-94 5181

94 l U6 R5, 55

199 156 130 436 114

1a — — ‖ 4 4 —

W.J.N. 1873-94. 2827

75 w U6 R6, 88

199 149 134 453 119

! — — ‖ Kv — !

A.E.B. 1870-94 5560

67 a U6 U2, 85

191 158 137 427 106

Burn — y ‖ 3 1 —

J.W.E. 1874-94 6636

14 l U6 U5, 85

187 139 130 440 115

— — — ‖ — — —

W.B.D. 1869-94 4407

59 w U6 U6, 55

194 154 142 483 121

— — — ‖ — — —

C.E.B. 1841-94 6596

98 l U6 U6, 55

198 157 145 454 116

10 — — ‖ 14 — v

J.W. 1873-94 6569

56 a U6 U6, 65

196 151 133 440 109

9 -- — ‖ 11! — —

G.H. 1850-94 6543

48 l U6 U6, 98

196 147 137 460 115

14 — — ‖ 11! — —

C.T. 1840-94 4199

88 a U6 W5, 55

199 152 142 454 110

— — — ‖ — ! y

E.P.T. 1859-94 6665

99 w U6 W5, 55

201 157 157 509 124

! — y ‖ r 4 —

W.S. 1824-94 6561

41a U6 W6, 65

194 146 127 437 110

v — — ‖ r — —

H.B. 1872-94 6583

W

59 w W5 R9, 88

192 150 139 467 118

— — y ‖ — — —

A.E.L. 1866-94 6565

54 a W5 U5, 58

196 155 135 435d 109d

vg — — ‖ — — —

F.C. 1857-94 6533

69 w W5 W9, 58

195 156 142 492 119

— — — ‖ g — —

J.C.B. 1850-94 6595

41 a W6 U5, 55

196 145 124 441 107

rm — m ‖ 12 — —

G.E.W.B. 1874-94 4554

39 a W6 U5, 88

181 156 147 466 111

— — — ‖ — — —

F.G. 1822-94 12

681 W6 U5, 95

192 157 143 460 114

r — — ‖ — — y

E.L.C. 1863-94 6665

14 l W6 U5, 98

188 148 132 445 115

r — — ‖ — — —

O.P.M. 1872-94 5652

791 W6 W5, 55

203 149 137 479 116

r — — ‖ r — y

G.S.E. 1869-94 155

82 a W6 W5, 55

198 151 127 452 111

r — — ‖ r — —

W.E.R. 1873-94 6605

49 w W6 W5, 56

195 149 139 473 119

— — — ‖ ro — y

P.J.B. 1873-94 6568

371 W6 W5, 68

187 158 139 449 113

r — — ‖ r — vy

R.K. 1867-94 6588

51 a W6 W5, 88

194 152 128 439 104

r — — ‖ ro — —

H.G. 1867-94 560

99 w W6 W6, 55

204 160 142 500 129

r — — ‖ ko -- —

A.M.A. 1873-94 6589

47 a W6 W6, 88

195 148 140 446 111

o v — ‖ o wy —

G-A. 1839-94 6578

46 w W6 W8, 85

196 146 132 470 121

r rat — ‖ r r —

H.W.C. 1872-94 6618

561 W6 W9, 55

191 150 135 478 122

r — — ‖ s — —

P.B.T. 1873-94 6505

55 w		W 6	W 9, 98	
194	153	131	458	119
–	13	0 ‖	s	— —
C.H. 1825-94				6551

16 w		W 9	U 9, 55	
184	148	129	489	122
r m	o	g ‖	—	— g
M.W.T. 1872-94				6504

13 l		W 9	W 6,99	
185	149	126	470	115
—	—	— ‖	o	v y —
F.C.F. 1868-94				6544

99 l		W 9	W 8, 88	
198	157	141	46ℓ	115
r	!	— ‖	r!	s y
O.T.M. 1863-94				6632

14 a		W 9	W 9, 58	
185	142	133	430	111
r	—	— ‖	r	s !
W.H.W. 1870-94				6662

78 w		W 9	W 9, 89	
199	151	142	464	119
r	r —	‖	r	r —
W.W.A. 1868-94				6606

87 a		W 9	W 9, 96	
201	155	144	442	115
r	—	— ‖	r	) —
S.M. 1865-94				2899

23 w		W 9	W 9, 98	
190	153	140	487	117
—	m	— ‖	—	r! —
A.S. 1867-94				6539

52 w		W 9	W 9, 98	
195	151	125	450	117
—	—	— ‖	g	— —
F.A. 1827-94				6613

77 a		W 9	W 9, 98	
204	148	143	448	114
r	r —	‖	r	— —
J.F. 1857-94				6660

86 l		W 9	W 9, 98	
199	154	136	479	115
r	— —	‖	r	sl —
R.M. 1860-94				6648

69 a		W 9	W 9, 99	
191	161	142	460	111
¬	—	— ‖	Coil	s s
O.F.R. 1874-94				4702

89 w		W 9	W 9, 99	
204	154	144	488	125
r	—	— ‖	r	— —
E.S. 1870-94				6580

89 w		W 9	W 9, 99	
205	151	140	490	129
r	s	— ‖	r	s r
H.A.P. 1870-94				3589

Containing X

88 l		WXL	W 5, 85	
199	154	138	455	113
—	d	— ‖	r	! y v
A.D. 1871-94				278

26 w		X 3	U 6, 85	
189	151	132	471	119
d	y	r ‖	3	— y
A.J.R. 1842-94				11