

INDEX.

INDEX.

- Accidents, 19, 55, 65
 Acquired peculiarities, inheritance of, 14
 Album for Life History, 220
 Ancestral contributions, 134
 Adelphic, 250
 Anthropometric Committee of the British Assoc., 95; anthrop. laboratory data, 43, 46, 79
 Apparatus, *see* Models
 Acquired faculties, transmission of, 16, 197
 ARTISTIC FACULTY, 154
 Averages tell little, 36; comparison of with medians, 41
 Awards for R.F.F., 75
- Bartholomew's Hospital, 47
 Bias, Statistical effect of, in marriage selection, 162; in suppressing cause of death, 168
 Blends, or refusals to blend, 12; in issue of unlike parents, 89; in hazel eyes, 145; in diseases, 169; in new varieties, 198; in temper, 233; have no effect on statistical results, 17
- Cabs, 26, 30, 31
 Candolle, A de, 142, 145, 241 *n*
 Cards, illustration by, 188
 Chance, 19
 Chaos, order in, 66
 Child, its relation to mother, 15; to either parent, 19; of drunken mother, 15; of consumptive mother, 177
 Cloud compared to a population, 164
 Co-Fraternities, 94
 Consumption, 171; consumptivity, 181
- Contributions from separate ancestors, 134
 Cookery, typical dishes, 24
 Cousins, their nearness in kinship, 133; marriages between, 175
 Crelle's tables, 7
 Crowds, characteristic forms, 23
 Curve of Frequency, 40, 49; of Distribution, 40, 54
- Darwin, 4, 19
 DATA, 71
 De Candolle, 142, 145, 241 *n*
 Deviations, schemes of, 51, 60; cause of, 55. *See* Error.
 Dickson, J. D. H., 69, 102, 115, Appendix B., 221
 DISEASE, 164; skipping a generation, 12
 Distribution, schemes of, 37; normal curve of, 54
- Error, curve of Frequency, 49; law of, 55; probable, 57
 Evolution not by minute steps only, 32
 EYE COLOUR, 138
- Families, extinction of, Appendix F., 241
 Family Records, *see* Records
 Father, *see* Parent
 Files in a squadron, 111
 Filial relation, 19; regression, 95
 Fraternities, meaning of word, 94, 234; to be treated as units, 35; issued from unlike parents, 90; variability in, 124, 129; regression in, 108

- Frequency, Scheme of, 49 ; model, 63 ; surface of, 102
- Geometric Mean, 118, Appendix E, 238
Gouffé, cookery book, 24
Governments, 22
Grades, 37, 40 ; of modulus, mean error, &c., 57
Grove battery, 31
- Hazel eyes, 144
Hospital, St. Bartholomew's, 47
Humphreys, G., 186
- Incomes of the English, 35
Infertility of mixed types, 31
Insurance companies, 185
Inventions, 25
Island and islets, 10
- Kenilworth Castle, 21
Kinship, formula of, 114 ; table of nearness in different degrees, 132
- Laboratory, anthropometric, 43, 46, 79
Landscape, characteristic features, 23
LATENT ELEMENTS, 187 ; characters, 11
- M, its signification, 41
Macalister, D., 238
McKendrick, Professor, 20
Malformation, 176
Marriage selection, in temper, 85, 232 ; in eye-colour, 86, 147 ; in stature, 87 ; in artistic faculty, 157
Means, 41 ; mean error, 57
Mechanical inventions, 25
Median, 41
Medical students, 47
Merrifield, F., 136
Mid, 41 ; Mid-parent, 87 ; mid-population, 92 ; mid-fraternity, 124 ; mid-error, 58
Models, to illustrate Stability, 27 ; Curve of Frequency, 63 ; Forecast of stature of children, 107 ; Surface of Frequency, 115
Modulus, its grade, 57
Moths, pedigree, 136
Mother's relation to her child, 15 ; in consumption, 177. *See* Parent
Mulatto blends, 13
- Museums to illustrate evolution, 33
Music, 155, 158
- Natural, its meaning, 4 ; natural selection, 32, 119
Nephews, 133
Nile expedition, 23
Nomenclature of kinship, 248
NORMAL VARIABILITY, 51
- O'Brien, 84
Omnibuses, 26, 32
Order in apparent chaos, 66
ORGANIC STABILITY, 4
- Paget, Sir J., 47
Palmer, 48
Pangensis, 19, 193
Parents, unlike in stature, issue of, 88 ; indirect relation to children, 19 ; parental relation, 110, 132
Particulate inheritance, 7
Peas, experiments with, 79, 225
Peculiarities, natural and acquired, 4 ; inheritance of, 138 ; definition, 138, 194
Pedigree moths, 136
Pedigrees, arrangement of, *see* Appendix G., 248, 250
Percentiles, 46
Personal elements, 187 ; in incipient structure, 9
Petty influences, 16
Population to be treated as units, 35 ; their mid-stature, 92 ; their Q, 93 ; successive generations of, 115 ; compared to a cloud, 164
Priestley, Dr. W. O., 15
Probability integral, 54 ; tables, 202 to 205
Probable error, 53, 57
Problems in the law of error, 66
PROCESSES IN HEREDITY, 4
Pure Breed, 189
- Q, its meaning, 53, 59
- R. F. F., *see* Records of Family Faculties
Rank of Faculty, 36, 46 ; in a squadron, 110
Records of Family Faculties, data, 72 ; arrangement of, 250 ; prefaced remarks, 168 ; object of book, 220 ; trustworthiness of, 130, 167, 231

- Regression, filial, 95, 98, 131; mid-parental, 99, 101; parental, 100; fraternal, 109; generally, 103, 110, 114; is a measure of nearness of kinship, 132; in artistic faculty, 158; in consumptivity, 181; an element of stability in characteristics of a people, 163
- SCHEMES OF DISTRIBUTION AND FREQUENCY, 35**
- Scientific societies, their government, 22
- Selection in marriage, 85, 157, 147; effect of bias in, 162; Natural Selection, 32, 119
- Ships of war, 123
- Simplification of inquiries into heredity, 191
- Solomon, 24
- Special data, 78
- Sports, stability of, 30, 198
- Squadron, 110
- Stable forms, 20, 123, 198; subordinate, 25
- Stability of sports, 30, 234; of characteristics in a people, 163
- Statistics, are processes of blending, 17; charms of, 62
- STATURE, DISCUSSION OF DATA, 83**
- Strength, Scheme of, 37
- Structure, incipient, 18
- Sweet peas, 79, 225
- Swiss guides, 23
- TEMPER, Appendix D., 236, 85**
- Traits, 9
- Transmutation of female measures, 5, 42, 78
- Trustworthiness of the data, 130, 167, 231
- Types, 24; a marked family type, 234
- Uncles, 133, 191
- Variability of Stature, in population, 93; in Mid-Parents, 93; in Co-Fraternities, 94; in Fraternities, 124; in a pure breed, 189
- Variation, individual, 9
- Watson, Rev. H. W., 242
- Weissman, 193

THE END.

Works by the Same Author.

METEOROGRAPHICA; or, Methods of
Mapping the Weather. Illustrated by upwards of 600
Printed and Lithographed Diagrams. 4to. 9s.

ENGLISH MEN OF SCIENCE: Their
Nature and Nurture. 8vo. 8s. 6d.

**INQUIRIES INTO HUMAN FAC-
ULTY AND ITS DEVELOPMENT.**
With Illustrations and Coloured and Plain Plates. Demy
8vo. 16s.

RECORD OF FAMILY FACULTIES.
Consisting of Tabular Forms and Directions for Entering Data,
with an Explanatory Preface. 4to. 2s. 6d.

LIFE HISTORY ALBUM;

Being a Personal Note-book, combining the chief advantages of
a Diary, Photograph Album, a Register of Height, Weight, and
other Anthropometrical Observations, and a Record of Illnesses.
Containing Tabular Forms, Charts, and Explanations especially
designed for popular use.

Prepared by the direction of the Collective Investigation
Committee of the British Medical Association, and Edited
by FRANCIS GALTON, F.R.S., Chairman of the Life History
Sub-Committee.

4to. 3s. 6d. Or, with Cards of Wools for Testing Colour
Vision, 4s. 6d.

MACMILLAN & CO., LONDON.