

Descriptive catalogue of the busts, masks, and skulls, in the museum of the Sheffield Phrenological Society, or Association for the Culture of Mental Science : pointing out remarkable developments and peculiarities of formation, with historical details of the most notorious crania / arranged for the use of members, by S. Eadon.

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Descriptive Catalogue
OF THE
BUSTS, MASKS, AND SKULLS,
IN THE MUSEUM
OF THE
SHEFFIELD
PHRENOLOGICAL SOCIETY,
OR
ASSOCIATION FOR THE CULTURE OF MENTAL SCIENCE;

POINTING OUT REMARKABLE DEVELOPMENTS AND PECULIARITIES OF FORMATION,
WITH HISTORICAL DETAILS OF THE MOST NOTORIOUS CRANIA.

“ Self-conviction depends on self-observation.”—SPURZHEIM.
“ This is truth, tho’ at enmity with the philosophy of ages.”—GALL.
“ To know the details of the science, and to believe in them, are the same.”—CALDWELL.

ARRANGED FOR THE USE OF THE MEMBERS,

BY

S. EADON, M. A.,

VICE-PRESIDENT OF THE SOCIETY, AND HONORARY MEMBER OF THE LITERARY AND
PHILOSOPHICAL SOCIETY OF NEWCASTLE-UPON-TYNE.

SHEFFIELD :
PRINTED BY ROBERT LEADER, INDEPENDENT OFFICE, BANK STREET.
1846.

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WITH HISTORICAL DETAILS OF THE MOST NOTORIOUS CRIMES.

"But we have been brought to our senses by the
"This is a book, the study of which will be profitable to all who read it."
"To show the health of the nation, and to point out the errors of the people."

ARRANGED FOR THE USE OF THE MEMBERS

BY

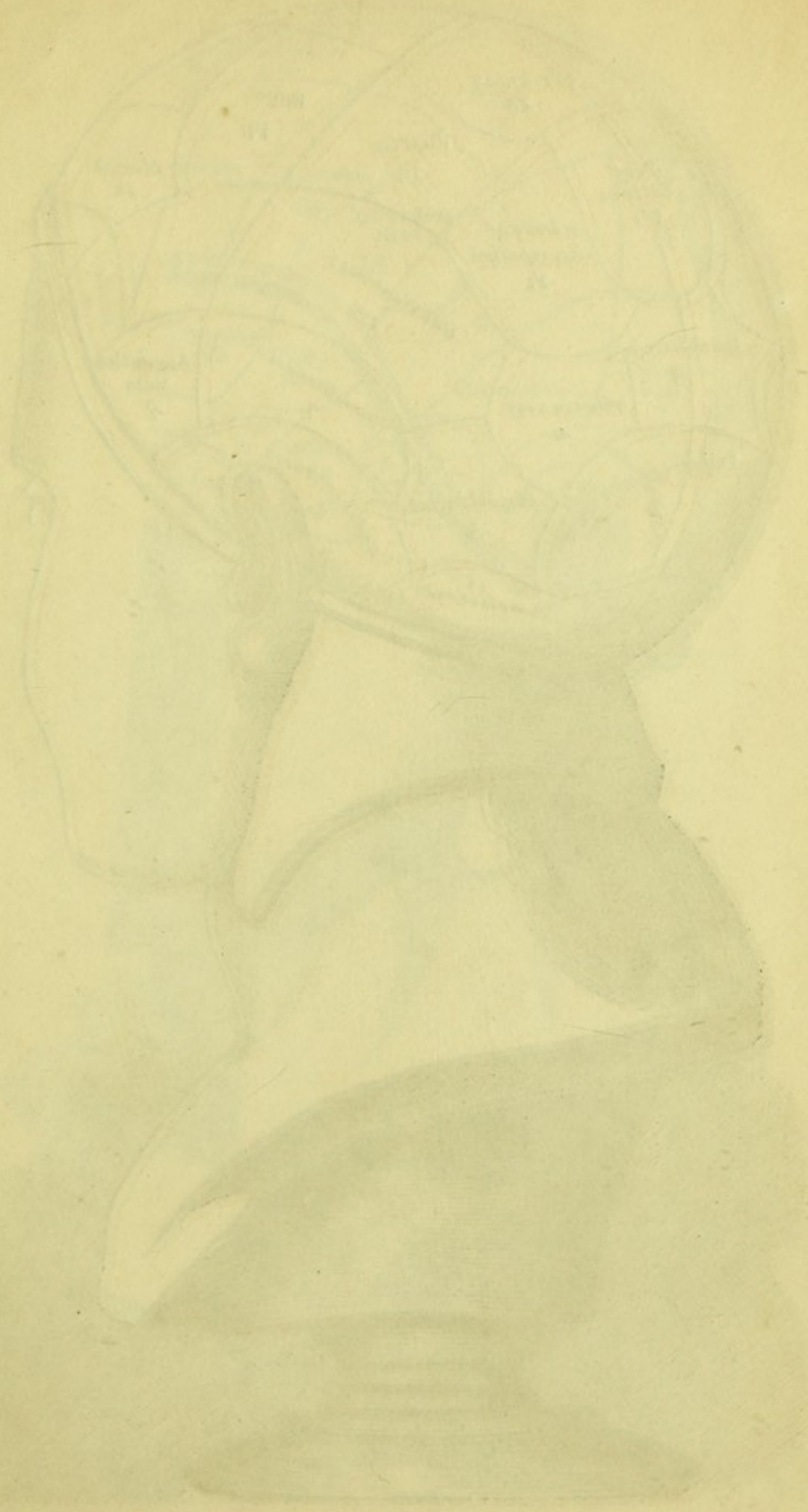
S. EADON, M. A.

THE PRESIDENT OF THE SOCIETY, AND HONORARY MEMBERS OF THE SOCIETY AND
PHRENOLOGICAL SOCIETY OF NEW-YORK.

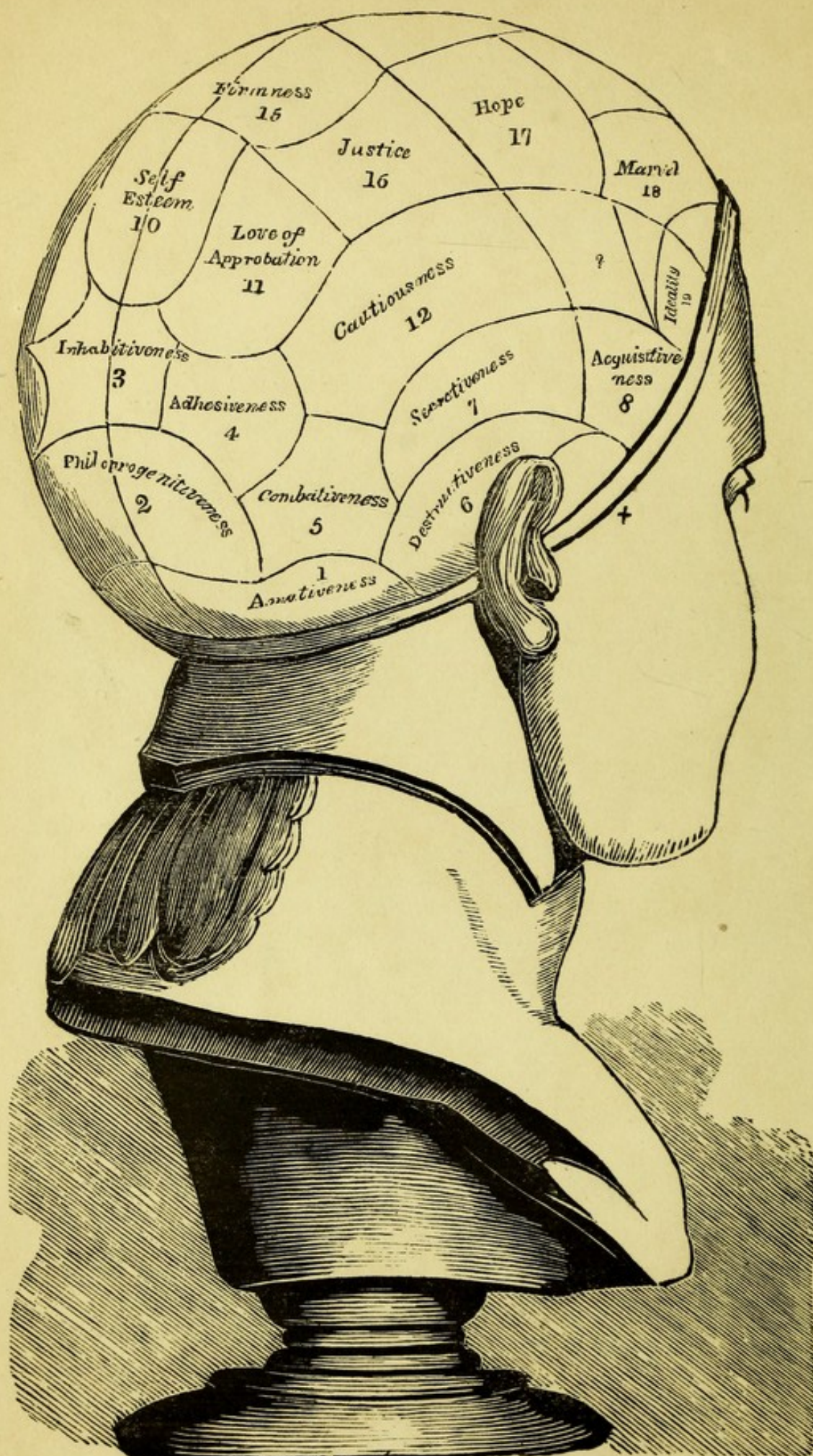
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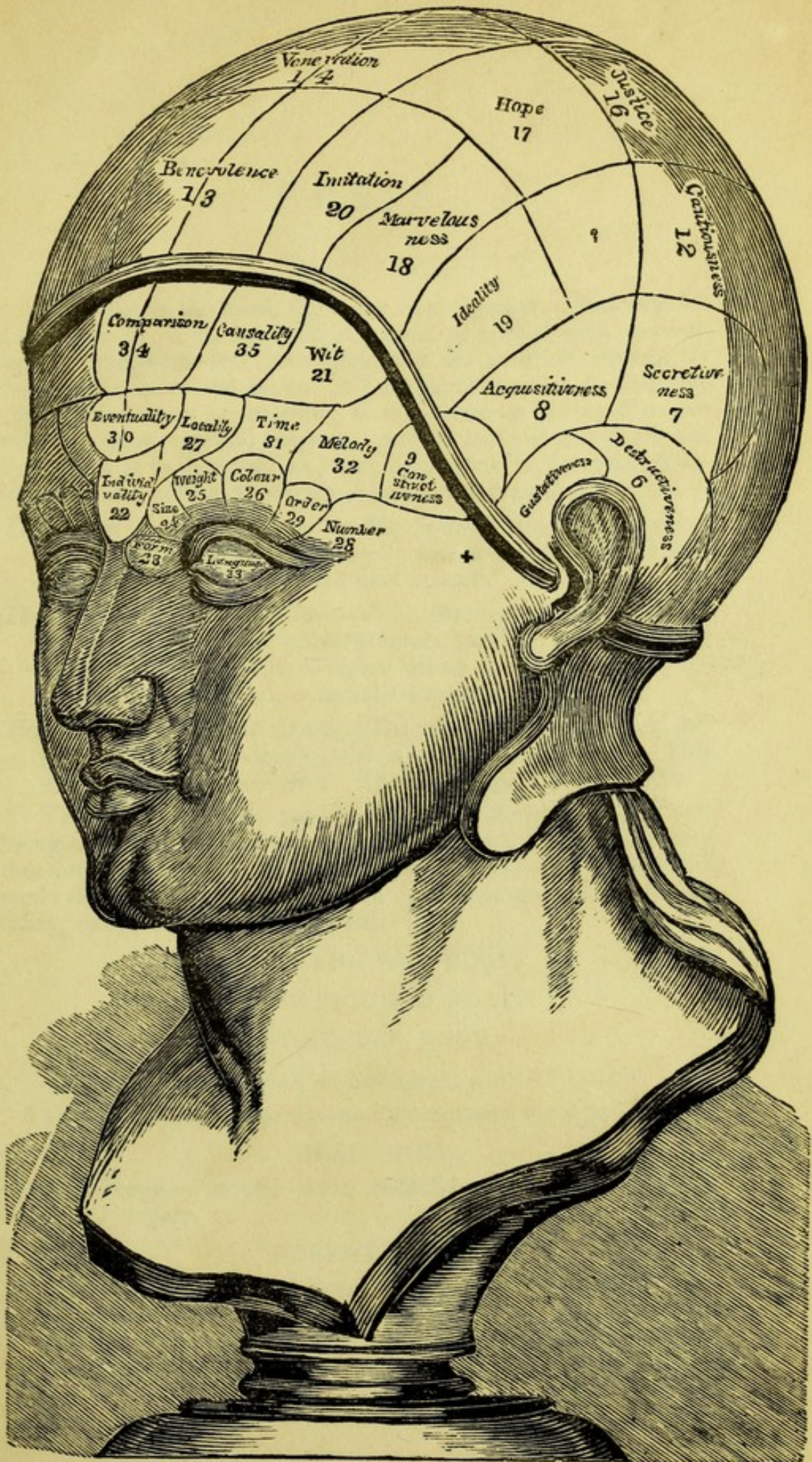


1871



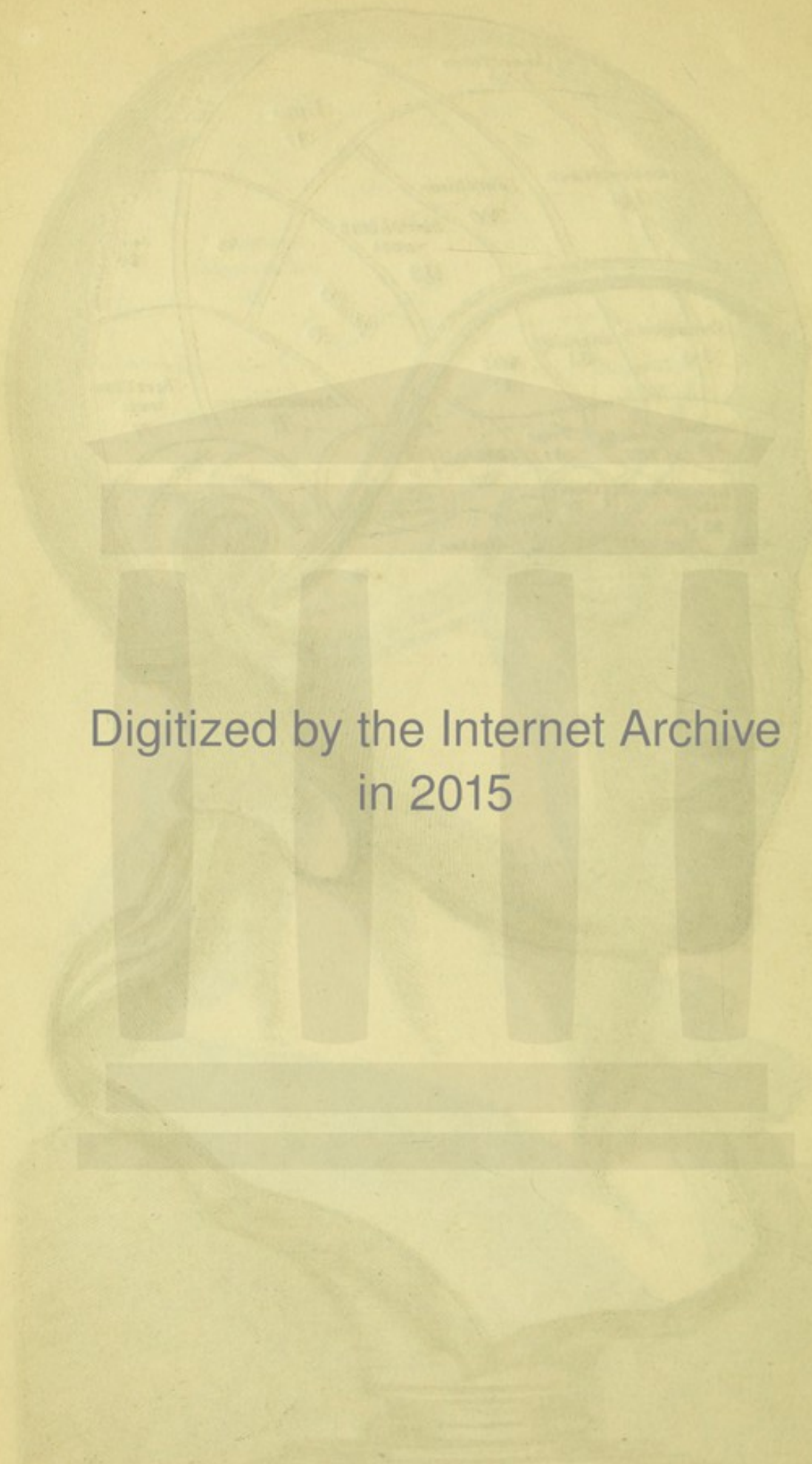
1 TO 9 PROPENSITIES.

10 TO 21 SENTIMENTS.



22 TO 33 INTELLECTUAL FACULTIES.

34 AND 35 REFLECTING FACULTIES.



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BUSTS.

THE larger the head, the more mental power. But whether the power be of an intellectual, moral, or animal cast, depends upon the larger or less development of the anterior, coronal, or posterior lobes of the brain. All mankind may be divided into three grand classes, according to the excess or defect of one or other of these cerebral regions; and in looking at a skull, the first point is to ascertain which compartment is the most developed, as the general character is at once indicated.

The First, or Lowest Class of Mankind—Have a large animal lobe, with small moral and intellectual regions. This class is morally idiotic, “prone and bent on evil.”

The Second, or Higher Class.—The three grand departments are nearly poised,—capable of great good or evil, according to the cultivation and direction which the faculties may receive, from education, external temptation, &c., &c.

The Third, or Highest Class.—The moral and intellectual regions are fine and ample, with a small posterior lobe. This is the highest style of man. These are a law to themselves.

These three classes are recognized in Scripture,—the first being where the seed fell upon stony ground; the second, where the thorns sprang up (the large propensities) and choked the seed; the third, where the seed fell upon good ground, producing thirty, sixty, and one hundred-fold.

1. FULL-FIGURED BUST.

2. HALF-FIGURED BUST.

3. DISSECTED BUST.

4. ROBERT AULD, of Edinburgh, a SEMI-IDIOT.

An adult head less than sixteen inches round must be idiotic.

5. BEAU SHEA.

Large perceptive group; mean reflective faculties; with large basilar region.

6. ROBERT BRUCE.

The grave of King Robert Bruce was discovered in the church of Dunfermline, and on Nov. 5th, 1819, was opened by the Barons of the Exchequer, in whose sight a cast of the skull was taken before re-interring the skeleton. The authen-

ticity is thus beyond question. Large brain ; very large destructiveness ; firmness singly large ; large 11, 12 ; deficient 16 ; knowing organs large ; propensities very large.

7. EDMUND BURKE, ORATOR.

Head of the highest order ; large comparison and causality.

8. JOSEPH BURKE, ACTOR.

Large firmness, secretiveness, and tune. An excellent musician.

9. WILLIAM BURKE, MURDERER.

Large destructiveness and 7 ; full benevolence, causing remorse, consequently, could not have murdered when sober. (Lost.)

10. JAMES CARDINAL. Died of Hydrocephalous.

Nine pints of water were found between the dura mater and the brain. He preserved, to a certain extent, the mental manifestations.

11. DR. CHALMERS.

Brain of immense power ; large knowing organs ; large ideality, 6, 25, 34. Fine expansive moral region. His concentrativeness is immense, and is seen in his constantly putting the same idea in new points of view.

12. COURVOISIER, Swiss Valet, Murderer of Lord W. Russell.

Very large amativeness, destructiveness, 5, 7, 11 ; with moderate conscientiousness ; small 21, 31, 32. (Lost.)

13. FRANCOIS CORDONNIER, POET.

Large ideality, love of approbation, and 20 ; small 10.

14. CONOVA.

The largest anterior lobe known ; large imitation, constructiveness, and ideality.

15. DR. DODD.

Very small cautiousness ; very deficient 15, 14. (Lost.)

16. DEMPSEY, MURDERER.

Large self-esteem ; small 11 and 12.

17. ROBERT DEAN. Murdered a Child without a rational motive.

Enormous amativeness ; large 6 and 8. During trial and the passing of sentence of death, he exhibited a maniacal apathy. The man was insane : should have been taken to the asylum, not the gibbet.

18. EUSTACHE.

A large frontal and coronal region. A negro who gained the prize of " Virtue," from the Institute of Paris. Extremely deve-

loped benevolence. During the Massacre of the whites, in Saint Domingo, Eustache saved his master and four hundred other whites.

19. MISS CLARA FISHER.

Large imitation, secretiveness, and 11

20. FRENCH, M.D.

Large order ; small number.

21. DR. GALL, the GREAT FOUNDER of PHRENOLOGY. Immense intellectual region ; very large causality, comparison, individuality, and 1 ; small form.

22. J. G., a CUNNING BOY, an accomplished rogue at eight years of age.

Very large secretiveness ; small conscientiousness. Very good intellect ; but always used for a bad purpose. He ran away, and was never heard of more.

23. DR. GOSS, a MEDICAL PRACTITIONER in Philadelphia, and a well-known Philanthropist.

Large benevolence. (Lost.)

24. GOODWIN, SHEEP-STEALER.

Large amativeness.

25. GOTTFRIED, MURDERESS.

Executed at Bremen, in 1828. Poisoned twenty-one persons, including her parents, her husband, and her three children. Very large destructiveness ; large secretiveness ; small benevolence.

26. JOSEPH HUME, M.P.

Large head ; small ideality ; large comparison, self-esteem, and firmness. Organs 32, 30, and 34 form the man of business habits.

27. WILLIAM HARE, MURDERER.

Associate of Burke in sixteen murders. Large 5, 6, and acquisitiveness, which is high in this head ; shallow coronal region ; small 13.

28. DAVID HAGGART, ROBBER and MURDERER.

Murderer of the jailor of Dumfries. Large combativeness, 6, 7, and 10 ; deficient 11 ; conscientiousness small,—hence no regret for his thefts ; benevolence full,—hence his remorse after the murder ; firmness is singly large.

29. HEAMAN, MURDERER and PIRATE.

Large destructiveness and acquisitiveness.

30. IDIOT OF AMSTERDAM, Aged 25.

Manifested less mind than many of the lower animals.

31. INDIAN GIRL.

Flat-headed,—compressed in infancy, by applying boards and hair cushions to the forehead and occiput. Of course, all the organs are displaced. In the case of Thomas Adams, Mr. Combe found the occipital spine as high as the top of the ear.

32. LACENAIRE, MURDERER.

Tremendous alimentiveness,—a heartless and lawless epicurean; small No. 1. He would write for the lawyers for forty-eight hours, without intermission, and then spend the money over his stomach.

33. REV. MR. M., famed for his PIETY and VIRTUE.

Large love of approbation, firmness, and conscientiousness,—shewn by the full rounded swell; full 8; moderate 1 and 5.

34. MILLER, MURDERER. Executed at Stirling.

Very large firmness; small conscientiousness.

35. MARY MACINNES, MURDERESS.

Very large amativeness and adhesiveness; large 5; full 6; with moderate cautiousness.

36. MUMMY.

Large cautiousness; coronal region not high but broad; the moral organs are broader than long; hence more powerful than active.

37. MITCHELL, MURDERER of a Young Woman.

Amativeness and destructiveness enormously developed.

38. MAXWELL, THIEF.

The three orders of organs well developed; the basilar greater than the moral,—hence the creature of circumstances—a life of sinning and repenting.

39. NAPOLEON.

Length of the anterior lobe immense, next in length to Conova's; all large organs but conscientiousness and firmness; large 7 and 10. His motto was, "Every man has his price." He found afterwards the English gave the lie to his maxim.

40. WILLIAM PITT.

Large concentrativeness and eventuality; moderate 22 and 35; rather large comparison; large 15 and 10.

41. JOHN PALLET, MURDERER of Mr. James Mumford.

Miserable ideality, 34, 35, and 21 : very large 5, 10, 1, and 6 form revenge ; language very small,—could never learn to read ; full 2 and 4 ; large animal lobe ; miserable reflective faculties.

42. ANN ROSS.

Large secretiveness and firmness. She thrust needles into her arm, to produce disease, and thus to excite compassion : felt more chagrin at the discovery of the trick than at the amputation of her arm. (Lost.)

43. DR. SPURZHEIM, the Coadjutor of Gall.

Fine ample brain ; large destructiveness, 26, 32, 16, and 30 ; causality and comparison in large proportion ; very large individuality.

44. R. B. SHERIDAN.

Very large individuality and eventuality : language, 5, 11 ; small 28. The fibre before the ear remarkable for length ; hence activity of mind : breadth gives power.

45. STEVENTON, a cold-blooded MURDERER.

He has somewhat the forehead of a dog ; with large basilar region.

46. DR. SPURZHEIM. (See No. 43 for description.)

47. JOHN SPARROW.

Very large amativeness.

48. REV. DR. ANDREW THOMPSON, Edinburgh.

Very large comparison, eventuality, and individuality ; moderate causality.

49. THURTELL, MURDERER of Weare.

Nine organs very large ; eight large ; three only small. Very large 1, 4, 5, 6, 7, 11, 12, 13, and 15 ; large 2, 3, 10, 14, 17, 22, 23, and 21 ; small comparison, causality, and wit.

50. MRS. H.

Large conscientiousness and adhesiveness ; firmness very small, and singly hollow.

51. IDIOT OF MANCHESTER.

If a head like this could be found in any part of the world to manifest genius, it would shake Phrenology to its foundations ; but it is impossible.

52. LINN, PUGILIST and PARRICIDE.

A head broad in proportion to its height indicates a mind in which the animal propensities are the ruling springs of action. Large destructiveness and combativeness; very large amativeness.

53. SIR EDWARD PARRY.

A beautifully large anterior lobe,—the different faculties nicely balanced. Shewed great fortitude in exploring a North-west Passage. Large locality and No. 6; the head gradually rises from before, backward.

54. RAMMOHUN ROY, the HINDOO REFORMER.

Large 1, 11, and 5; small veneration and hope; large firmness and self-esteem. (Lost.)

M A S K S.

55. LORD BROUGHAM.

Nervous-bilious (the iron temperament); great firmness and self-esteem; very large knowing organs; large coronal and basilar regions. When a student at Edinburgh, never took off his clothes for eight nights and days. Immense concentrativeness.

56. EDMUND BURKE.

Taken after death. Large causality and comparison.

57. GEORGE BIDDER, the Celebrated CALCULATING BOY.

Extra large number; full order and comparison.

58. CURRAN, the IRISH ADVOCATE.

Large comparison and eventuality; full 35 and 20; moderate form; an apt, ready head.

59. ZERO COLBURN, the AMERICAN CALCULATING BOY.

Large number; small locality, size, and individuality; full comparison; had not the organs for excelling in geometry.

60. MR. DUNN, of Newcastle, SURVEYOR of COAL MINES.

Monstrous locality; large size, individuality, and form,—the four organs for a surveyor

61. FRAZER, a Scotchman.

Small language and reflective organs.

62. GEORGE THE FOURTH.

Time well developed on each side of eventuality.

63. SUSANNAH HAWKINS.

Large order and locality; and full causality.

64. HENRI FOURTH, of FRANCE.

Large benevolence and philo-progenitiveness.

65. MUSICAL AMATEUR, Mr. D—W.

Large tune, 19, 21; very large 3; full 7. 32, 31, 3, 7, 19, 21, are the organs necessary to excel in music.

66. MACARA.

Large wonder. Believed he held converse with spirits.

67. MACLAFLAN, a WEAVER of SALTCOATS.

Large weight. He spent both time and money in endeavouring to regulate the stroke of the common pump.

68. LA OVERTURE, EX-EMPEROR of ST. DOMINGO.

Large benevolence.

69. ANN ORMEROD.

Very small tune ; small order. Could not learn singing, although she was taught assiduously for two years in the Liverpool Blind Asylum.

70. ROSCOE.

Large comparison, individuality, and eventuality—the combination for acquiring languages.

71. SIR DAVID WILKIE.

Large constructiveness, causality, and colour.

72. SIR J. E. SMITH.

Large language ; moderate 35 ; individuality and form well developed. Possessed great memory for the names of plants. Large organs 22, 23, and 33, form the naturalist.

73. STERNE.

Very large form ; wit and causality predominating organs.

74. STRATH.

Large locality.

75. AUDUBON, the ORNITHOLOGIST. A Painter of Birds.

Very large colour ; form, size, weight, locality, and individuality, all well developed.

76. BRUNEL, the Celebrated ENGINEER of the Thames Tunnel.

Very large constructiveness ; immense weight, and fine causality.

77. BROWN, of the UNITED STATES. A Religious Author.

The intellectual lobe is fine and ample.

78. COMPANION OF GALL.

Large language. When very large, Gall says, "Eyes level with the head."

79. DOUGLAS, MINIATURE PAINTER.

Very large size ; large colour and order. When a child, he took delight in perspective : used to crawl and measure the ridges of ploughed fields.

80. HAYDON, PAINTER.

Large constructiveness, colour, and causality.

81. HAYDN, MUSICIAN.

Large time, tune, and ideality.

82. SIR WM. HERSCHELL, the illustrious FOUNDER of the STELLAR ASTRONOMY.

He constructed the largest telescope ever made, except that recently formed by the Earl of Rosse. Very large constructiveness distinguishes this mask.

83. HOGG, the ETTRICK SHEPHERD.

A Poet, and belongs to the Lake School of Poetry. He figured in the *Noctes Ambrosianæ* of "Blackwood's Magazine." Ideality large; large order and locality.

84. JACOB JERVIS.

Benevolence very large; imitation small; the sloping from benevolence is considerable.

85. MR. MILNE.

Form, size, and constructiveness are well developed; colour is so small that the point of the finger falls into the depression, while passing it along. Can not distinguish colours,—confounds green with mixed brown—knows blues and yellows, but cannot distinguish browns, greens, and reds. His grandfather had the same defect,—his father had not. The defect passed over a generation, and reappeared in Mr. Milne and his two brothers.

86. EDWARDS, the ENGRAVER.

Large constructiveness and comparison.

87. FRENCH, M. D.

Small number; large order.

88. GEORGE THE THIRD.

Large individuality and form.

89. SIR ISAAC NEWTON.

The great Archimedes of modern times. The tides of the ocean, the light of heaven, the times and distances of the planetary system, revealed their mysteries at the glance of his powerful and almost superhuman genius. Weight very prominent; large veneration and locality; full wonder.

90. MUNGO PARK, the AFRICAN TRAVELLER.

Very large locality.

91. PITT, AFTER DEATH.

Large eventuality and comparison ; moderate causality.

92. DEAN SWIFT.

Large individuality and eventuality. Power is the leading charm in Swift's writings.

93. MR. SLOAN.

Small tune.

94. VOLTAIRE.

Large ideality, imitation, language ; extra firmness ; large veneration, but a mere blind impulse. " He erected, at his own expense, a temple, with the inscription, ' To the unknown God.' " Very large 4, 5, 6 ; extra large 11, 18.

95. JAMES WILSON, the BLIND TRAVELLER.

Small colour, chiefly for want of exercise ; very large locality. Three years ago, the blind traveller was introduced to the Society, examined and remarked upon. Though blind, he was a regular messenger, and could find his way, for forty miles, around his native place.

96. WILLIAMS, a PAINTER.

Large constructiveness and colouring.

97. M. WEIS, FLUTE PLAYER.

Very large tune, of a pyramidal form, as Gall had observed in Mozart and others.

98. DR. B. FRANKLIN.

Large wit ; small ideality and eventuality ; large causality, giving great instinctive sagacity.

99. WORDSWORTH, the POET.

Large philoprogenitiveness, causality, and ideality. His large causality causes him to write often a metaphysical kind of poetry.

SKULLS.

The effects of temperament are distinguishable in national skulls. The grain of the New Holland skull is extremely coarse and rough; that of the Hindoo, fine, smooth, and compact, more closely resembling ivory; the Swiss skulls are open and soft in the grain; while the Greek are closer and finer.—G. COMBE.

100. NORTH AMERICAN INDIAN.

High, from ear upwards; short, from front to back; head from one-eighth to one-twelfth less than that of the white man; large firmness, secretiveness, and cautiousness, 6, 5; and small 4, 3. The grand defect in the Indian head is in causality, wit, and ideality. The full-blooded Indian seems incapable of civilization.

101. ARMENIAN HINDOO.

Large cautiousness, 10 and 7; no force of character. A handful of Europeans keeps a million in subjection. Small, 5, 6; larger 34 than 35. Hence more prone to analogy than direct reasoning. Our President, Dr. C. Thompson, has ably answered Mr. Montgomery's objections to the character of the Hindoo head.

102. AUSTRIAN BUFFOON.

103. ALBERT, MURDERER.

Large destructiveness, self-esteem, and acquisitiveness.

104. ASHANTEE, quite Black.

European features and form of skull possess great activity of mind, which renders them superior to the native American.

105. NORTH AMERICAN INDIAN.

Large, 7, 12, 11, 15; small, 16, 34, 35, 20, 19.

106. ARAUCANIAN.

Neighbours to the Chilese, but very different. Territory between the rivers Biobio and Callacalla,—fought the Spaniards in pitched battles,—challenged out their warriors to single combat,—never were conquered, and are independent to this day. The head is of the Caucassian type: excellent moral and intellectual regions; very large 6, 5, 1, 7, 22, and 11; comparison, causality, and wit are full.

107. BELLINGHAM, the ASSASSIN of Percival.

Large destructiveness ; small conscientiousness. He felt no remorse for the crime.

108. BURMESE.

Fairly developed intellect ; very large combativeness and destructiveness ; enormously large self-esteem. Given the English a deal of trouble to conquer them. They laugh at a Hindoo army.

109. BURNS, the POET.

Very large head ; the coronal, frontal, and animal regions, in equilibrio. Circumstances would entirely determine whether the intellect should work with the moral powers or the animal propensities. Very large 2, 5, 6, 4, 1, 36 ; amongst the sentiments, large 13, 20, 19, 18 ; full 16, 17. (Lost.)

110. BRAZIL INDIAN.

Much like the North American Indian, but with less firmness ; small brain, and incapable of much improvement.

111. BUCHANAN, MURDERER.

Poor intellectual lobe ; low moral and large posterior region.

112. MODEL OF BRAIN.

113. AGNES CLARKE, MURDERESS.

Criminal type of head.

114. CHARLES CLARK, MURDERER.

Criminal type of head.

115. CHILESE.

Inhabitants of Chili. $\frac{1}{2}$ inch more from side to side than from front to back ; head small ; small firmness ; large cautiousness : seventy thousand such heads yielded to sixty Spaniards, in 1566, without striking a blow. Small 6 and 5 ; with a tolerable moral region.

116. CARIB.

Deficient reflective organs ; low moral region ; tremendous animal development ; large, 2, 5, 6 ; small, 13, 35, 34 ; larger than the Hindoo skull, and, as size gives power, they are the most remarkable for force of character among the tribes of native Americans. The Europeans have hunted them like wild beasts, but cannot subdue them.

117. CEYLONESE TOM TOM BOY.

The tribe is remarkably mild and pacific. Small combativeness ; full destructiveness and cautiousness.

118. CLYDESDALE MURDERER.

Immense animal organs ; the animal man predominating over the human.

119. CEYLONESE VEDAH TRIBE.

Remarkable for mildness of disposition.

120. CHINESE.

Large self-esteem, form, and colour. Have remained stationary for more than two thousand years.

121. CELTIC SKULL.

122. CIRCASSIAN GIRL.

A free people, of the Caucasian race. The type approaches nearest to the best European head.

123. CAFFRE FEMALE.

Race, black ; European form of head and feature ; capable of a high state of cultivation.

124. ESQUIMAUX, from ICY CAPE.

Type of skull, long, narrow in proportion ; coronal region, narrow, and slopes rapidly downwards ; forehead narrow ; occiput protuberant ; with large amativeness, and generally small conscientiousness.

125. ESQUIMAUX.

Large amativeness and philoprogenitiveness, 9 ; moderate conscientiousness, 18, 28. In no country is prostitution carried to a greater length.

126. EGYPTIAN.

Fine anterior lobe, and broad coronal region. More power than activity.

127. FRENCH SOLDIER.

Large firmness.

128. ANCIENT GREEK.

Favourable developement of the anterior and coronal regions, with large propensities ; large constructiveness, ideality, and wonder, are the type of this class.

129. GRIFFITH'S MURDERER.

Small benevolence.

130. DAVID HAGGART, MURDERER, from sudden impulse, and ROBBER.

Large, 5, 7, 10, and 15 ; full 6 and 16 ; deficient cautiousness. (Lost.)

131. HINDOO MOOR.

The Hindoo type is pacific ; the ear is high ; and the skull over the organ of destructiveness either quite flat, or nearly so.

132. HINDOO.

Good anterior lobe, but small brain, as a whole ; small combativeness and 6 ; large secretiveness and self-esteem. For want of more animal in their nature, one hundred millions are kept in play by forty or fifty thousand English.

133. NEW HOLLAND CHIEF.

The reflective and moral region very small, with a large basilar formation. Organ of number, 9, 34, 35, and 19, are very deficient. Shew a great want of curiosity.

134. DR. HETTE.

Small amativeness ; large love of approbation, 12 and 16 ; moderate, 10 ; small, 14.

135. INCA, RACE of PERUVIANS. (See 149 for description.)

Flattened behind, by artificial means.

136. ICELANDER.

Large social group ; large veneration.

137. JAVANESE.

138. MRS. JOHNSON, or STELLA.

Contracted anterior lobe ; shallow moral region ; large animal propensities.

139. IRISH SKULL.

Impetuous ; full 5 and 6. Hard-working race, when work is to be obtained ; never had a fair chance ; bad legislation has cramped the genius of this ardent people.

140. MUMMY.

The ancient Egyptian skull ; full size ; fine developement of the anterior lobe, and broad coronal region, are the type of all. The mummy belongs to the class of modern Europeans, and its only inferiority consists in want of similar height in the moral organs

141 and 142. MOZAMBIQUE.

Long in the animal region ; narrow in front.

143. NEGRO, large. 144. NEGRO. 145. NEGRO GIRL.

Better type than the New Hollander ; higher forehead ; better moral sentiments. Large philoprogenitiveness and concentrativeness, veneration, and hope ; small, 16, 12, 19 ; very

small, 28. The Negro very susceptible of the gentle affections; remove pain and hunger, and he at once seizes his fiddle, sings, and dances.

146. NESBITT, MURDERER.

The usual criminal formation.

147. PIERRE, CONVICT and CANNIBAL.

Inveigled his companions into the woods, then killed and ate them.

148. PAPUAN SKULLS.

The Papuan islanders have large destructiveness, and are very prone to murder. Veneration large, and, being unenlightened, causes them to be very superstitious.

149. PERUVIAN.

Small philoprogenitiveness; very large secretiveness; their power of concealment is a distinguishing feature in their national character; large cautiousness.

150. DEAN SWIFT.

The skull is diseased. The correct developement is taken from authentic portraits, and in all these, 22 and 30 are always delineated.

151. SANDWICH ISLANDER.

Rather less than the European, but much like it in form; anterior lobe, long; type—large eventuality, i.e., educability, which will greatly expedite civilization.

152. SWISS.

Large, well-developed head; the moral region high and broad,

153. TARDY PIRATE.

Large destructiveness, and immense acquisitiveness.

154. MILLINER OF VIENNA.

Large constructiveness, presenting two small round eminences.

155. WOMAN OF NEW SOUTH WALES. (Lost.)

See No. 103, for type of head.

156. GENERAL WURMSER.

He defended Mantua against Buonaparte. Large combativeness, and stands singly out. When the organ is large, and in activity, it gives a hard, thumping sound to the voice. Buonaparte assumed this intonation when angry. Napoleon used to say he gave him more trouble than ten better men.

157. NEW ZEALANDER.

Much larger than the Hindoo head ; good intellect ; small coronal region ; large, 5 and 6.

158. CARIB.

The most unfavourably organised of any race ; brutal in the extreme ; yet, having large philoprogenitiveness, they are kind to their children. Without this organ, the race would soon have been extinct. Having small acquisitiveness, they always ascribe any theft amongst them to a christian.

159. BRAIN OF AN IDIOT.

Let Roget, Tiedman, Rudolphi, or Sewell, find a genius, with a brain of this dimension, and Phrenology crumbles to the dust.

160. NEW HOLLANDER. (Lost.)

See 103, for type of head.

161. CARIB. (Lost.)

Artificially flattened in the forehead, thereby displacing the organs. Large secretiveness, acquisitiveness, and 10. (See 116.)

MEMORABILIA,

OR, FACTS WORTH REMEMBERING

A primitive faculty, or its organ, seldom comes into action alone, or *per se*. More frequently, two, three, or more powers start forth, producing a certain outward manifestation which appears single, and to which a name is appropriated, but which is really complex, and, when analysed, is found to be made up of certain radical and essentially primitive faculties. We have arranged a number of these, feeling persuaded they will be found convenient, and perhaps not uninteresting, as matters of reference :—

Wit and Destructiveness—Satire.

Large Size and Locality—An instinctive facility in distinguishing the situation and development of the cerebral organs.

Large Number and Individuality—A facility in recollecting dates.

Size, Locality, Individuality, and Comparison—A power to excel in geometry ; i.e., to perceive proportions in space.

Number, Order, and Comparison — A facility in arithmetic and algebra.

Large Individuality, Eventuality, and Comparison—A facility in acquiring languages. Elihu Burritt, the American blacksmith, who knows fifty languages, is thus organised.

Large Comparison, Causality, and Wit — The philosophic mind.

Individuality, Size, Weight, and Locality—A talent for engineering ; *without weight*, a talent for surveying.

Large 9, 24, 26, 29, Form and Locality—A facility in map drawing ; and 22, 27, and 34, and Language, make the skilful geographer.

Large Form and Individuality—A facility in acquiring the art of reading.

Form and Imitation—That of writing.

Individuality and Eventuality—Necessary to the lawyer.

Large Secretiveness and small Conscientiousness—The liar.

Large Secretiveness and Acquisitiveness—A thief.

Large Secretiveness, Acquisitiveness, and small Conscientiousness—Expert thief.

Large Secretiveness and Self-Esteem—The man who never tells his affairs to his family till bankruptcy breaks on them like an explosion.

Wit and Secretiveness—Humour.

Very large Benevolence and large Acquisitiveness—Kindness shewn by personal exertions.

Very large Benevolence and small Acquisitiveness—Kindness shewn by giving money.

Acquisitiveness and Destructiveness—Crimes of violence for gain.

Acquisitiveness and Secretiveness—Crimes of fraud.

Acquisitiveness, Ideality, Constructiveness, and Form—Collections of works of art.

Acquisitiveness and Individuality—Collections of natural history.

Acquisitiveness and Self-Esteem—A disposition to hoard.

Acquisitiveness and Love of Approbation—Admiration of the rich.

Acquisitiveness and Love of Approbation, with small Conscientiousness and Benevolence—Contempt of the poor.

Constructiveness and large Weight—Machine making.

Constructiveness, Form, and Ideality—Statuary.

Constructiveness, Form, Ideality, and Colour—Painting.

Self-Esteem and Destructiveness—Envy.

Self-Esteem and Benevolence—The "My good Sir" class of men, the patronizers of society.

Self-Esteem and Acquisitiveness—To acquire property and to keep it.

Self-Esteem, Acquisitiveness, and small Benevolence—The miser.

Self-Esteem, Acquisitiveness, Love of Approbation, Ideality, and Form—To collect works of art.

With the above and Colour—To collect paintings.

Love of Approbation and Benevolence—Politeness.

Love of Approbation and Self-Esteem—Love of fame.

Love of Approbation and Alimentiveness—Feats in eating.

Love of Approbation, Ideality, and small Intellect—Love of dress.

Love of Approbation and Language—Fondness for composition and authorship.

Love of Approbation and Combaticiveness—The bully.

Large Destructiveness, large Cautiousness, and small Hope—Suicide.

Small Benevolence, large Self-Esteem, and large Acquisitiveness—Selfish disposition.

Firmness and Combaticiveness—Determined bravery.

Firmness and Conscientiousness—Inflexible integrity.

Firmness, Self-Esteem, and small Veneration—The stiff-necked.

Large Love of Approbation and Veneration, with small Firmness—Ever bowing.

Love of Approbation and Self-Esteem—Give rise to the laws of honour.

Large Veneration, Benevolence, and Conscientiousness—The religion of the Bible, “Do justly, love mercy, and walk humbly with God.”

Conscientiousness and Benevolence—Gratitude.

Large Hope and small Cautiousness—Rash speculations.

Large Acquisitiveness, large Hope, and deficient Cautiousness—Gaming.

PRACTICAL HINTS

FOR MEMBERS WHO INTEND TO MAKE THE CASTS IN THE
MUSEUM A STUDY AND A SOURCE OF IMPROVEMENT.

First,—Learn well the three great divisions of the skull :—the anterior lobe, serving for the manifestation of the intellectual faculties ; the coronal region, more immediately connected with the moral sentiments ; and the posterior lobe and base, the seat of the animal feelings. Compare heads with a large and small anterior development. Put alongside,—

11	Dr. Chalmers,	and the Idiot of Amsterdam	30
7	Edmund Burke,	„ the Semi-idiot, Robert Auld	4
39	Napoleon,	„ Stevenson	45
14	Canova,	„ Sparrow	47

And the contrast will be as great in a cerebral point of view as the genius of the one class transcended that of the other.

Second,—Compare the heads of convicts with those distinguished for religion, benevolence, and virtue.

23	Dr. Goss, with	Gotfried	25
18	Eustache,	„ Dean	17
43	Spurzheim,	„ Mitchell	37

Mark the height of the coronal region above the ear, and its fine arched swell, in the one class ; and the dead flat and small height of the other. The difference organically was the difference mentally.

Third,—Now take up the casts of those “ whose brains were so ponderous behind and light before, that their heads seemed in danger of tilting backwards.”

134	Dr. Hette	Mary Macinnes	35
48	Dr Thompson	Maxwell	38
33	Rev. Mr. M.	Miller	34

We should next pursue this method with the skulls of the differ-

ent races of men, and we shall find the intelligence in exact ratio to the expansion, i.e., to the height, breadth, and depth of the forehead. Arrange alongside, beginning with the lowest type, and ascending to the highest, a skull of a New Hollander, Carib, Esquimaux, North American Indian, New Zealander, the Negro, Sandwich Islander, Hindoo, European,—and let Chalmers, Gall, or Burns, be the representatives of the European head, and we shall find intelligence gradually to increase as cerebral development expands.

It should be remembered that, in making all these comparisons, it is not the absolute cerebral portion in one head, with the absolute cerebral portion in another head, that a relation is sought to be found; but the comparison is made between the excess of a given part over the other parts of the same head with a similar excess over the other parts in a different head. The comparison, in fact, is double, not single. For want of instituting this double kind of relationship, much confusion has taken place.

After studying the brain in its larger features, and having become familiar with the grand-tri-divisions, we may descend to particulars,—observe individual organs. The organs of the propensities being the largest, should be first observed, then the sentiments, and lastly those of the intellect. Take marked cases at first, *i.e.*,—organs in excess and defect; in short, educate the eye by rendering it familiar with extremes of endowment and deficiency. To this end compare

ADHESIVENESS.

<i>Large.</i>	<i>Small.</i>	
50 Mrs H.	D. Haggart (hollow)	28

COMBATIVENESS.

156 General Wurmser (stands singly out)	Rev. Mr. M. (moderate)	33
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DESTRUCTIVENESS.

107 Bellingham (singly prominent)	Hindoo head	101
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CONSTRUCTIVENESS.

154 Milliner of Vienna (single round organs)	New Hollander (two)	133
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SELF-ESTEEM.

<i>Large.</i>	<i>Small.</i>
28 Haggart or Dempsey 16	Dr. Hette (singly small) 134

CAUTIOUSNESS.

117 Tom Tom Boy (in its dis- tinctive form)	Macinnes (moderate) 35 Bellingham 107
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WONDER.

66 Macara	Joseph Hume 26
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BENEVOLENCE.

84 Jacob Jervis	Bellingham (very small) 107
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FIRMNESS.

28 Haggart } 6 Bruce }	(singly large) Mrs. H. (singly hollow) 50
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CONSCIENTIOUSNESS.

50 Mrs. H. (perfectly defined)	Bruce 6
54 Rammohun Roy	Haggart 28
134 Dr. Hette	

ACQUISITIVENESS.

27 Hare (This organ stands high when ideality and bene- volence are small. In Hare it is nearly as high as causality)	Bruce (moderate) 6
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IDEALITY.

11 *Dr. Chalmers, 6 $\frac{3}{8}$ from 19 to 19	J. Hume, M.P., 5 $\frac{1}{4}$ from 19 to 19 26
109 Burns	Haggart (very small) 4 $\frac{3}{8}$ do. 28 Bellingham, 4 $\frac{1}{4}$ do. 107

*The difference in size between a large and a small organ in the propensities and sentiments, is an inch and upwards.

LOVE OF APPROBATION.

33 Rev. Mr. M.	Dempsey 16
6 Bruce	Haggart 28

SELF-ESTEEM.

16 Dempsey	Dr. Hette 134
28 Haggart	

COLOUR.

The difference in size between a small and a large organ, in the intellectual group, is a quarter of an inch.

79 Douglas	Mr. Milne (a quarter of an inch difference in the deve- lopement) 85
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NUMBER.

<i>Large.</i>	<i>Small.</i>	
57 George Bidder	French M.D.	20

TUNE.

81 Haydn	Mr. Sloan	93
97 M. Weiss	Ann Ormerod	69

LANGUAGE.

78 Companion of Gall	Frazer (Scotchman)	61
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It will be impossible, we think, to pursue the mode of investigation pointed out, without becoming thoroughly convinced of the uniform concomitance of cerebral developement and mental manifestation. Without the sifting of evidence, it is impossible either to believe or disbelieve; and the man who will not give himself the trouble to test this science, by an appeal to facts, how high soever he ranks in the medical world, as an anatomist or physiologist, is not worthy of a moment's regard. No general knowledge can warrant the palming of opinions where there is special ignorance on a special subject. No *a priori* reasoning, no ridicule, no wide-famed name, can do away with facts. Nothing can annihilate a fact but a counter fact; and anti-phrenologists have not been able to meet facts with their legitimate opposites. They can misrepresent, contradict, belie their own statements,—think meanly of each other's critiques,—believe anything against the science, without any evidence at all,—but whole museums of facts are insufficient to induce conviction in its favour. Oh, prejudice! how blind thou art! Oh, genius! how beclouded, when pride has given forth its literary dicta! We have OUR COLLECTIONS OF FACTS. But these cannot be relied upon. Where are the *anti-phrenological Museums, to shake our faith, and unfix our belief?* Is there one in the three kingdoms? What! Have not Roget and Pritchard, Rudolphi, Tiedman, and Holland, ONE MUSEUM full of anti-crania? Not they, indeed! In what has their opposition consisted? In a shilly-shally mock kind of reasoning, and pompous array of specious syllogism,—in small flights of imagination, and fine-spun analogies,—in bad calculations, imperfect inductions, and unwarrantable inferences, which,

had the Phrenologists displayed, they and their doctrines would long ago have been laughed to scorn. Phrenology has been in the fire, but has come forth unscathed. She stands on an isthmus, and connects the two great regions of Metaphysics and Physiology. In time, Phrenology will of necessity form part of the medical curriculum, and claim, nay command, the attentive consideration of all the Alumni of Hippocrates. Already the dawn streaks the horizon, and the day is not far distant when Phrenology will universally be hailed as the master-discovery of the present age ; and Gall, its illustrious founder, will rank with Socrates and Plato, Newton, Herschell and La Place, and the other God-sent sons of genius and of human progression.

