INDEX TO PART II.

The references are to the pages.

Absolute expression of pressure, [Cold of evaporation, 90. - - expansion, 199. Combination by volume, 124. - temperature by air thermometer, 45.

thermodynamic temperature, 220. Absorption and emission, 183. Adiabatic changes, 210–214.
— coefficient of elasticity, 216. Adiabatics and isothermals, 205, Adioatics and isothermais.

233-236.

Air, absolute density of, 48.

— cooling by ascent, 213.

— expansion of, 42.

— liquefied and frozen, 100. Contentity of gas and inquid, 95-98. Convection in liquids, 39, 168. Convective equilibrium of air, 212. Cooling, laws of, 176-178. — method of, 63. Course taken affects heat required, specific heat of, 63.
thermometer, 45.
Alcohol at low temperature, 95. - thermometer, 11.
Alum opaque to dark heat, 188. Andrews on continuity, 96-98. Cryophorus, 93. Anemometers, 256. Apjohn's formula, &c., 142-144. Apparent and real expansion, 22. Ascent, cooling of air by, 212. 235. Cyclones, 255. Aspirator, 145. Atmosphere, general circulation of, 252. Atomic weight and specific heat, 63 Bar, flow of heat in, 172. Barometric variation with latitude, Barrett's experiment, 114. Boiler of engine, 241. Boiling, 101, 103.

— by bumping, 111.

— explosive, 109.

— promoted by air, 108. 50. Dew, 155. Dew-point, 136. Dewronnt, 130.

— computation of, 142-144.

Dewar on liquid oxygen, 99. Boiling-points, table, 102. - affected by pressure, 104, 106. - of mixtures, 108. Diathermancy, 188. Bolometer, 190. Bottomley's ice experiment, 78. Boutigny's experiments, 112. Bunsen's calorimeter, 61. Burning mirror, 180.

Cagniard de la Tour's experiments, 96. Calibration, 5. Calorescence, 188. Calorimeters, 59, 61. Calorimetery, 54-64.
Capacity (thermal), 55.
Carbonic acid snow, 95.
Carnot's investigations, 202. Carré's ammoniacal freezer, 94. Chemical hygrometer, 145. - relations of vapour density, 124. Chimneys, draught of, 50. Climates, 248. Coal due to sun, 222. Coefficient of expansion defined, 26. - table of, 28.

Bursting by freezing, 75.

Combination, heat of, 217; table, 220. Comparability of thermometers, 24. Compound engines, 241. Conduction, 158-173.

— in liquids and gases, 168-170.

Conductivity, 159; tables, 165, 167.

Congelation, 71, 216. Conjugate mirrors, 181. Continuity of gas and liquid, 95-98.

209-210. Critical temperature, 97. Crystallization, 72.
Cubical and linear expansion, 21.
Currents, oceanic, 257.
Cycle of four operations, 205, 233,

Dalton's laws, 80.

— vapour apparatus, 117.

Daniell's hygrometer, 139. Decrease of temperature upwards,

Deep-water thermometers, 15. Degree of thermometer, 23, 24. Density (relative) of gas, 47; table,

Differential equations of flow of heat, 171-173. Differential thermometer, 19. Difficulty of commencing boiling, 108-111. Diffuse reflection, 182. Diffusivity (thermal), 159, 166-167. Digester, 106.
Dines' hygrometer, 139.
Dissipation of energy, 225, 235. Distillation, 114. Donny's experiment, 109. Dulong and Petit's law, 63.

Ebullition, 101-115. Efficiency defined, 202. — investigated, 205.
Elasticity, adiabatic, 216.
Electrical pyrometer, 19.
Emission and absorption, 183. Emissive powers, 187. Energy, sources of, 225. Engines, thermic, 201, 239-245. Entropy, 234-236.

Entropy, tends to increase, 235. Equilibrating columns, 31-33. Ether, freezing by, 93. Evaporation and condensation, 82-100. Exchanges, theory of, 178. Expansion, 2-4.

— factor of, 21. — in freezing, 75.
— mathematics of, 21-26. Expansive working, 240.

Factor of expansion, 21. Fire syringe, 192. Forbes on conductivity, 166. Force of expansion, 30. - in freezing, 75.
Foucault's magneto-thermic experiment, 194-195.
Franklin's experiment, 104.
Freezing by evaporation, 91-95.
— in red-hot crucible, 112. — mixtures, 69-70. Freezing-point altered by pressure, 217, 237.

— by stress, 78.

Friction and heat, 193-194.

Friction in porous plug, 200. Frost, hoar, 157. Fusion and solidification, 65-81.

Gas-engine, 244.
Gases, expansion of, 25, 41-53;
table, 44.

densities, table, 50.

kinetic theory of, 226-231.

specific heat of, 62. Glaciers, motion of, 79. Glass, expansion of, 33. Gramme-degree, 55. Gulf-stream, 258.

Hail, 155.
Heat for evaporation, 131-134.
— of compression, 199 (see Adiabatic changes). Heating by hot water, 39.
Heights by boiling-point, 105.
Hoar frost, 157.
Hope's experiment, 36.
Humidity defined, 135-137.
Hydrogen a conductor, 171. Hygrometers, 137-145. Hygrometry, 135-157. Hygroscopes, 137. Hypsometer, 105.

Ice flowers, 73.

— plasticity of, 79-81.

— regelation of, 78. Increase of temperature downwards, 250. Ingenhousz's experiment, 161. Inverse squares law, 179.
Inverse squares law, 179.
Iodine in carbon disulphide, 188.
Isothermals (geographic), 247.
Isothermals and adiabatics, 205.

Radiation, 174-191.

Rain, 153.

- nature of, 174-176.

— gauge, 154. Rankine's prediction, 212.

Joule's equivalent, 196-197.

Kinetic theory of gases, 226-231.

Lamp-black as radiator, 184, 187. Langley on sun's radiation, 190. Latent heat of fusion, 66; table, 67. - - of vaporization, 90-95. - - of steam, 133. - - of various liquids, 134. Linear flow of heat, 171. Link-motion, 242. Liquefaction of gases, 87-90, 98-100. Liquids, expansion of, 31-40; tables, 35, 36.

Maximum density of water, 36. Maximum thermometers, 11-16. Mean temperature, 518. Mechanical equivalent of heat, Melloni's experiments, 185-188. Melting-points, tables, 65, 67. - affected by pressure, 76, 217,

Mercury, expansion of, 31-33. Metallic thermometers, 17. Meyer's vapour-density apparatus,

130. Mirrors, burning, 181. — conjugate, 182. Mist, 148. Mixtures, method of, 56-60. Mobile equilibrium of temperature, 178. Moist air, weight of, 146-148. Moulding of ice, 8o.

Negretti's maximum thermometer. Newton's law of cooling, 176. Norwegian cooking-box, 164.

Oxygen liquefied, 98-100.

Papin's digester, 106. Pendulums, compensated, 28. Perfect gas, 45, 232-233. Perfect heat-engine, 202. Phillips' maximum thermometer, 270. Photographic record of tempera-

ture, 16. Plasticity of ice, 79-81. Platinum, expansion of, 38. Platinum pyrometer, 19. Porous plug experiments, 199. Pressure corrected for gravity, 123. Psychrometer, 141. Pyrheliometer, 222. Pyrometers, 19, 46.

Quantity of heat, 54. Quartz and ultra-violet, 188.

Temperature, 1.

— absolute scale of, 207-208 Ratio of two specific heats, 211. Red-hot ball in soap solution, 114. - mean, 246-247.

Reflection, thermal, 180. - irregular, 182. Regelation, 78.

Regnault, expansion of air, 42. - specific heat, 59. — vapour pressure, 117-121. Relations between thermal proper-

ties, 236-237. Reversal of steam-engine, 242. Reversible engine perfect, 202. - thermal operations, 203. Rock salt diathermanous, 188. Rotation of earth affecting wind,

253-256. Rumford on friction, 193. Rutherford's thermometers, 12, Safety-lamp, 162.

— valve, 107. Saline solutions, 37, 107. Saturated vapour, 84, 237-238 Scales of temperature, 9 Scattered rays, 182. Sea-breeze, 252. Second law of thermodynamics

204, 209. Selective emission and absorption. 188-190.

Self-registering thermometers, Sensibility of thermometer, 11. Singing of kettle, 101. Six's thermometer, 12. Slide-valve, 497. Snow, 155-156. Soil temperatures, 248-250. Solar heat, 222. - - sources of, 223.

- radiation, 190. Solidification, change of volume in, 75. Solution, 69. Sources of energy, 224. Specific heat, 56; table, 60. - of saturated vapour, 237. Spheroidal state, 111-114. Spirit thermometer, 11. Steam, latent heat, 133; table, 134.

- pressure, 120-121. specific heat of saturated, 238. - volume of, 121. Steam-engine, 239. Stoves, 52. Stress affects melting-point, 78.

Sun, source of energy, 224. Superheated vapour, 86. Supersaturation, 74.

Surface condensation, 242. - conduction, 176. Syringe, pneumatic, 192.

 of a place, 246.
 of the air, 246. decrease upwards, 250.

— of the soil, 248–250. — — increase downwards, 250. scales of, 9.
"Tension" of vapour, 83.
Terrestrial temperatures and winds,

246-258. Thermochrose, 188. Thermodynamics, 192-238. Thermographs, 16. Thermometer, 4-16.

alcohol, 11. deep water, 15. differential, 19. metallic, 17. - self-registering, 11-16.

— weight, 25. Thermopile, 185. "Total heat" of steam, 134. Trade-winds, 252. Triple expansion, 241. Two specific heats, 200, 211.

Underground temperature, 248and diffusivity, 172-173.

Units of heat, 55.

— conductivity, 160.

Van der Waals' formula, 230. Vapour, 82-87.

— quantitative measurements, quantitative measurements, 116-134. Vapour densities, 124-131. — pressures of certain liquids, 123. Vegetable growth, 221. Volume change in solidification,

Walferdin's thermometer, 16. Water, conservatism of, 68. — density of, 36-38.
— specific heat of, 61, 197. Water-equivalent, 56. Weight thermometer, 25. Wet and dry bulbs, 141. White-lead and lamp-black, 188. Wiedemann and Franz, 165. Winds, 251-256. Wire-gauze and flame, 162. Work and heat, 192-199. Work in expansion, 200.

Zero, absolute, 46, 208. - displacement of, 10, 24.

THE STANDARD PROFESSIONAL LIBRARY FOR AMERICAN TEACHERS.

INTERNATIONAL EDUCATION SERIES.

Edited by WILLIAM T. HARRIS, A.M., LL.D., U. S. Commissioner of Education.

12mo, cloth, uniform binding.

- Vol I .- THE PHILOSOPHY OF EDUCATION. By JOHANN KARL FRIEDRICH ROSENKRANZ, Translated from the German by Anna C. Brackett. Price, \$1.50.
- Vol. II.—A HISTORY OF EDUCATION. By Professor F. V. N. PAINTER, of Roanoke College, Virginia. Price, \$1.50.
- Vol. III .- THE RISE AND EARLY CONSTITUTION OF UNIVERSITIES. By S. S. LAURIE, LL. D., Professor of the Institutes and History of Education in the University of Edinburgh.
- Vol. IV .- THE VENTILATION AND WARMING OF SCHOOL BUILDINGS. By GIL-BERT B. MORRISON, Teacher of Physics and Chemistry in Kansas City High School. Price, 75 cents.
- Vol V .- THE EDUCATION OF MAN. By FRIEDRICH FROEBEL. Translated from the German by W. N. HAILMAN, Ph. D., Superintendent of Public Schools at La Porte, Indiana. Price, \$1.50.
- Vol. VI .- ELEMENTARY PSYCHOLOGY AND EDUCATION. By Dr. J. BALDWIN, author of "Art of School Management," etc. Price, \$1.50.
- Vol. VII .- THE SENSES AND THE WILL. (Part I of The Mind of the Child.) By W. PREYER, Professor of Physiology in Jena. Translated from the German by H. W. Brown, Worcester (Mass.) Normal School. Price, \$1.50.
- Vol. VIII .- MEMORY. By David Kay, F. R. G. S. Price, \$1.50.
- Vol. IX .- THE DEVELOPMENT OF THE INTELLECT. (Part II of The Mind of the Child.) By W. PREYER, Professor of Physiology in Jena. Translated from the original German by H. W. Brown, Teacher in the State Normal School, Worcester, Mass. Price, \$1.50.
- Vol. X .- HOW TO STUDY GEOGRAPHY. By Francis W. Parker, Principal of the Cook County (Ill.) Normal School. Price, \$1.50.
- Vol. XI.-EDUCATION IN THE UNITED STATES. A History from the Earliest Settlements. By RICHARD G. BOONE, Professor of Pedagogy in Indiana University. Price, \$1.50.
- Vol. XII .- EUROPEAN SCHOOLS; or, What I saw in the Schools of Germany, France, Austria, and Switzerland. By L. R. Klemm, Ph. D. Fully illustrated. Price, \$2.00.
- Vol. XIII .- PRACTICAL HINTS FOR THE TEACHERS OF PUBLIC SCHOOLS. By GEORGE HOWLAND, Superintendent of the Chicago Schools. Price, \$1.00.
- Vol. XIV .- PESTALOZZI: His Life and Work. By ROGER DE GUIMPS. Translated by J. Rus-SELL, B. A. With an Introduction by Rev. R. H. Quick, M. A. Price, \$1.50.
- Vol. XV.—SCHOOL SUPERVISION. By J. L. PICKARD, LL. D. Price, \$1.00.
- Vol. XVI .- HIGHER EDUCATION OF WOMEN IN EUROPE. By Helene Lange. Translated by L. R. KLEMM, Ph. D. Price, \$1.00.
- Vol. XVII .- ESSAYS ON EDUCATIONAL REFORMERS. By ROBERT HERBERT QUICK, M. A. Only authorized edition of the work as rewritten in 1890. Price, \$1.50.
- Vol. XVIII .- A TEXT-BOOK IN PSYCHOLOGY. By JOHANN FRIEDRICH HERBART. Translated by MARGARET K. SMITH, Teacher in the State Normal School at Oswego, New York. Price,
- Vol. XIX .- PSYCHOLOGY APPLIED TO THE ART OF TEACHING. By Dr. J. BALD-WIN. Price, \$1.50.
- Vol. XX.-ROUSSEAU'S EMILE. By W. H. PAYNE. Price, \$1.50.
- Vol. XXI.-THE MORAL INSTRUCTION OF CHILDREN. By Felix Adler. Price, \$1.50. Vol. XXII.-ENGLISH EDUCATION IN THE ELEMENTARY AND SECONDARY
- SCHOOLS. By ISAAC SHARPLESS, LL. D. Price, \$1.00. Vol. XXIII.-EDUCATION FROM A NATIONAL STANDPOINT. By Alfred Fouillée. Price, \$1.50. OTHERS IN PREPARATION.

New York: D. APPLETON & CO., 72 Fifth Avenue.

THE INTERNATIONAL SCIENTIFIC SERIES.

Each book complete in One Volume, 12mo, and bound in cloth.

p	RICE
VOL.	THE STATE OF THE S
1. THE FORMS OF WATER IN CLOUDS AND RIVERS, ICE AND GLACIERS. By J. TYNDALL, LL. D., F. R. S. With 35 Illustrations\$	1.50
2. PHYSICS AND POLITICS; or, Thoughts on the Application of the Principles of	
"Natural Selection" and "Inheritance" to Political Society. By Walter Bage-	
HOT	1.50
3. FOODS. By Edward Smith, M.D., LL.B., F.R.S. With numerous Illustrations.	1.75
4. MIND AND BODY: The Theories of their Relation. By ALEXANDER BAIN, LL.D.	
With 4 Illustrations	1.50
5. THE STUDY OF SOCIOLOGY. By HERBERT SPENCER	1.50
6. THE NEW CHEMISTRY. By Professor J. P. Cooke, Harvard University. With	
31 Illustrations	2.00
7. THE CONSERVATION OF ENERGY. By Balfour Stewart, M. A., LL. D., F. R. S.	
With 14 Illustrations	1.50
8. ANIMAL LOCOMOTION; or, Walking, Swimming, and Flying. By J. B. Pettigrew,	
M. D., F. R. S., etc. With 130 Illustrations	1.75
9. RESPONSIBILITY IN MENTAL DISEASE. By Henry Maudsley, M.D	1.50
10. THE SCIENCE OF LAW. By Professor Sheldon Amos	1.75
11. ANIMAL MECHANISM: A Treatise on Terrestrial and Aërial Locomotion. By Pro-	
fessor E. J. Marey, College of France. With 117 Illustrations.	1.75
12. THE HISTORY OF THE CONFLICT BETWEEN RELIGION AND SCIENCE. By J. W. Draper, M. D., LL. D.	1.75
13. THE DOCTRINE OF DESCENT AND DARWINISM. By Professor Oscar Schmidt.	1.10
Strasburg University. With 26 Illustrations.	1.50
14. THE CHEMISTRY OF LIGHT AND PHOTOGRAPHY IN THEIR APPLICATION	-100
TO ART, SCIENCE, AND INDUSTRY. By Dr. HERMANN VOGEL Royal Indus-	
trial Academy of Berlin. With 100 Illustrations	2.00
15. FUNGI: Their Nature and Uses. By M. C. COOKE, M. A., LL. D. Edited by the Rev.	
M. J. Berkeley, M. A., F. L. S. With 109 Illustrations.	1.50
16. THE LIFE AND GROWTH OF LANGUAGE. By Professor WILLIAM DWIGHT	
WHITNEY, Yale College	1 50
M. A., F. R. S.	1.75
18. THE NATURE OF LIGHT, with a General Account of Physical Optics. By Dr. Eugene	1.75
LOMMEL. With 188 Illustrations and a Table of Spectra in Colors	2.00
19. ANIMAL PARASITES AND MESSMATES. By Professor P. J. VAN RENEDEN Univer-	
sity of Louvain. With 83 Illustrations	1.50
20. FERMENTATION. By Professor P. Schützenberger. With 28 Illustrations	1.50
21. THE FIVE SENSES OF MAN. By Professor Julius Bernstein, University of Halle	
With 91 Illustrations	1.75
22. THE THEORY OF SOUND IN ITS RELATION TO MUSIC. By Professor Pietro	
BLASERNA, Royal University of Rome. With numerous Illustrations	1.50
23 STUDIES IN SPECTRUM ANALYSIS. By J. NORMAN LOCKYER, F. R. S. With 7 Photographic Illustrations of Spectra, and 52 other Illustrations.	
24. A HISTORY OF THE GROWTH OF THE STEAM-ENGINE. By Professor R. H.	2.50
THURSTON, Cornell University. With 163 Illustrations	2.50
25. EDUCATION AS A SCIENCE. By Alexander Bain, LL.D.	1.75
	1.10

THE INTERNATIONAL SCIENTIFIC SERIES.—(Continued.)

YOL.	RICE
26. STUDENTS' TEXT-BOOK OF COLOR; or, Modern Chromatics. With Applications	
to Art and Industry. By Professor Ogden N. Rood, Columbia College. With 130	
Illustrations	2.00
27. THE HUMAN SPECIES. By Professor A. DE QUATREFAGES, Museum of Natural	
History, Paris	2.00
F. R. S. With 82 Illustrations.	1.75
29. THE ATOMIC THEORY. By Professor A. Wurtz. Translated by E. Cleminshaw,	1
F. C. S. With Illustrative Chart	1.50
30. ANIMAL LIFE AS AFFECTED BY THE NATURAL CONDITIONS OF EXIST-	
ENCE. By Professor Karl Semper, University of Würzburg. With 106 Illus-	
trations and 2 Maps.	2.00
31. SIGHT: An Exposition of the Principles of Monocular and Binocular Vision. By Professor Joseph Le Conte, LL.D., University of California. With 132 Illustrations.	4 50
32. GENERAL PHYSIOLOGY OF MUSCLES AND NERVES. By Professor I. Rosen-	1.50
	1.50
33. ILLUSIONS: A Psychological Study. By James Sully	1.50
AL MANUEL COTTAGE OF THE COLUMN ASSESSMENT OF	2.00
35. VOLCANOES: What they Are and What they Teach. By Professor JOHN W. JUDD	~.00
F. R S., Royal School of Mines. With 96 Illustrations.	2.00
36. SUICIDE: An Essay in Comparative Moral Statistics. By Professor Henry Morselli	
	1.75
37. THE FORMATION OF VEGETABLE MOULD THROUGH THE ACTION OF	
WORMS. With Observations on their Habits. By Charles Darwin, LL.D., F. R. S. With 15 Illustrations	4
38. THE CONCEPTS AND THEORIES OF MODERN PHYSICS. By J. B. STALLO	1.50
39. THE BRAIN AND ITS FUNCTIONS. By J. LUYS, Hospice Salpêtrière, Maris. With	1.75
6 Illustrations	1.50
40. MYTH AND SCIENCE. By Tito Vignoli	1.50
41. DISEASES OF MEMORY: An Essay in the Positive Psychology. By Th. Ribot.	
author of "Heredity."	1.50
42. ANTS, BEES, AND WASPS. A Record of Observations of the Habits of the Social	
Hymenoptera. By Sir John Lubbock, Bart., F. R. S., etc.	2.00
	1.75
44. ANIMAL INTELLIGENCE. By George J. Romanes, M. D., F. R. S.	1.75
45. MAN BEFORE METALS. By Professor N. Joly, Science Faculty of Toulouse. With 148 Illustrations.	1.75
46. THE ORGANS OF SPEECH AND THEIR APPLICATION IN THE FORMA-	1.75
TION OF ARTICULATE SOUNDS. By Professor G. H. von Meyer, University	
of Zürich. With 47 Illustrations	1.75
47. FALLACIES: A View of Logic from the Practical Side. By Alfred Sidewick, B. A.,	
Oxon.	1.75
48. ORIGIN OF CULTIVATED PLANTS. By Alphonse de Candolle	2.00
49. JELLY-FISH, STAR-FISH, AND SEA-URCHINS. A Research on Primitive Nervous Systems. By George J. Romanes, M. D., F. R. S. With 63 Illustrations	1.75
50. THE COMMON SENSE OF THE EXACT SCIENCES. By WILLIAM KINGDON CLIF-	1.10
FORD. With 100 Figures	1.50
51. PHYSICAL EXPRESSION: Its Modes and Principles. By Francis Warner, M.D.,	
Assistant Physician, London Hospital. With 51 Illustrations	1.75
52. ANTHROPOID APES. By Professor Robert Hartmann, University of Berlin. With	
63 Illustrations	1.75
53. THE MAMMALIA IN THEIR RELATION TO PRIMEVAL TIMES. By Professor Oscar Schmidt, University of Strasburg. With 51 Illustrations	1.50
54. COMPARATIVE LITERATURE. By Professor H. M. Posnett, M. A., University Col-	1.00
lege. Auckland	1 75

THE INTERNATIONAL SCIENTIFIC SERIES.—(Continued.)

/ WAY	
VOL.	RICE
55. EARTHQUAKES AND OTHER EARTH MOVEMENTS. By Professor John Milne Imperial College of Engineering, Tokio. With 38 Figures	1 ~-
56. MICROBES, FERMENTS, AND MOULDS. By E. L. TROUESSART. With 107 Illustrations.	1.75
St. THE GEOGRAPHICAL AND GEOLOGICAL DISTRIBUTION OF ANIMALS	1.50
98. WEATHER. A Popular Exposition of the Nature of Weather Changes	2.00
With 96 Diagrams. By Hon. Ralph Aberdromby. 59. ANIMAL MAGNETISM. By Alfred Binet and Charles Féré, Assistant Physician, Hospice Salpêtrière, Paris. With 15 Figures	.75
fessor Leone Levi, King's College London	.50
LIAM DAWSON, LL. D., F. R. S.	.50
62. ANTHROPOLOGY. An Introduction to the Study of Man and Civilization. By EDWARD B. TYLOR, D. C. L., F. R. S. With 78 Illustrations	.75
63. THE ORIGIN OF FLORAL STRUCTURES, THROUGH INSECT AND OTHER AGENCIES. By the Rev. George Henslow, M. A., etc. With 88 Illustrations	.00
64. THE SENSES, INSTINCTS, AND INTELLIGENCE OF ANIMALS, WITH SPECIAL REFERENCE TO INSECTS. By Sir John Lubbock, Bart., F. R. S., etc. With 118 Illustrations	.75
65. THE PRIMITIVE FAMILY IN ITS ORIGIN AND DEVELOPMENT. By Dr. C. N. STARCKE, University of Copenhagen. 1.	75
SOUTH TOTOLOGI OF DOUBLY EXPRISE D. T. T	
POULTON, F. R. S. With 36 Illustrations and Use. By EDWARD BAGNALL	75
oo. Socialism . New and Old. By Professor William Charles at A	75
69. MAN AND THE GLACIAL PERIOD. By Professor C. Francisco. 1.7	75
70. HANDBOOK OF GREEK AND LATTIN DAY BOOK STATES	75
71. A HISTORY OF CRUSTACEA Possed W. 2.0	00
72. RACE AND LANGUAGE By Professor 4 (7)	0
Paris	0

New York: D. APPLETON & CO., 72 Fifth Avenue.

