

## DONATIONS TO THE ROYAL SOCIETY OF TASMANIA.

## BOUND VOLUMES.

The following is a list of books received during the week as a presentation to the Library of the Royal Society of Tasmania:—

Annual Report of the American Historical Association, 1895, containing the following papers:— Report of Proceedings of Eleventh Annual Meeting in Washington, December 26-27, 1895, by Herbert B. Adams, secretary; Report of the Treasurer; List of Committees; Necrology; Inaugural Address, by Hon. George F. Hoar, President of the Association, on Popular Discontent with Representative Government.

The Surroundings and Site of Raleigh's Colony, by Talcott Williams.

Governor Edward Winslow: His Part and Place in Plymouth Colony. by Rev. William C. Winslow, D.D.

Arint Van Curler and His Journal of 1634-35, by General James Grant Wilson, D.C.L.

Political Activity of Massachusetts Towns during the Revolution, by Harry A. Cushing.

The Land System of Provincial Pennsylvania, by William R. Shepherd.

The Electoral College for the Senate of Maryland and the Nineteen Van Buren Electors, by Dr. B. C. Steiner.

Libraries and Literature of North Carolina, by Dr. S. B. Weeks.

Suffrage in the State of North Carolina (1776-1861), by Professor J. S. Bassett.

Locating the capital, by Gaillard Hunt.

Free Burghs in the United States, by James H. Blodgett.

The Employment of Indians in the war of 1812, by Ernest Cruickshank.

Commodore John Barry, by Martin F. J. ...

... of 1817, Reduction of Naval ... on the American Lakes, by J. M. ...

... Underground Railroad, by Professor ... Siebert.

... Bold Diplomacy in the United ... in 1861, by Gen. Marcus J. Wright.

... the Battle of Gettysburg, by Harold P. ...

... Historical Testimony, Dr. James Schouler.

... A plea for the Study of History in ... rthern Europe, by Professor A. C. ... olidge.

... The French Revolution, as seen by Ameri- ... us of the Eighteenth Century, by Pro- ... or C. D. Hazen.

Napoleon's Concordat with Pope Pius VII., 1801, by Professor Charles L. Wells.

The German Imperial Court, by O. G. Villard.

Dismemberment of the Turkish Empire. An Historical Sketch, by Professor E. K. Alden.

Colonies of North America, and the Genesis of the Commonwealths of the United States, by Dr. J. M. Toner.

Classification of Colonial Governments, by Professor H. L. Osgood.

Slavery in the Province of South Carolina (1670-1770), by Edward Macrady.

Bibliography of Historical Societies, by A. P. C. Griffen.

Index of Bibliography.

General Index.

Annual report of the Board of Regents of the Smithsonian Institution, showing the operations, expenditures, and condition of the institution for the year ending June 30, 1894. Report of the U.S. National Museum, Washington, 1896. From the Institution.

Astronomical, Magnetic, and Meteorological Observations made during the year 1890 at the United States Naval Observatory. By Captain J. V. McNair, U.S.N. Superintendent, Washington, 1895.

Biennial Report of the President of the University of California, 1894-96. From the institution.

Catalogue of the African Plants collected by Dr. Frederick Welwitsch in 1853-61.

Dicotyledons, Pt. 1, by William Phillip Hiern, M.A., F.L.S., London, 1896 (bound).

Presented by the Trustees of the British Museum. Catalogue of Tertiary Mollusca in the department of Geology. British Museum (Natural History), Pt. 1. The Australasian Tertiary Mollusca, by George F. Harris, F.G.S., London, 1897 (bound).

Presented by the Trustees British Museum. Catalogue of the Fossil Cephalopoda in the British Museum, Pt. III., containing the Bactritidæ, and part of the suborder Ammonoidea, by A. H. Foord, Ph. D. (Münch), F.G.S., and Geo. Chas. Crick, Assoc. R.S.M., F.G.S. London, 1897. Presented by the Trustees British Museum.

Fifteenth Annual Report of the Bureau of Ethnology to the secretary Smithsonian Institution, 1893-94. From the Department.

Fourteenth Annual Report of the Bureau of Ethnology to the secretary of the Smithsonian Institution, 1892-93. By J. W.

Powell, Director. Part 1, Part 2. "The Ghost Dance Religion and the Sioux Outbreak of 1890." By James Mooney (illustrated), Washington, 1896. From the Department.

Memoirs of the Museum of Comparative Zoology at Harvard College. Vols. XX, XXI, The North American Crinoidea Camerata. By Chas. Wachsmuth and Frank Springer, in two vols., with 83 plates. Cambridge, U.S.A. May, 1897. From the Department.

Proceedings of the Royal Colonial Institute. Vol. XXVIII, 1896-7. From the Society.

Report of Work of the Agricultural Experiment Stations of the University of California, 1894-95. From the Department.

Researches on the Evolution of the Stellar Systems, Vol. I. On the Universality of the Law of Gravitation and on the Orbits and General Characteristics of Binary Stars. By T.J.J., See A.M., Ph D., Berlin. From the author.

Transactions of the Institution of Engineers and Shipbuilders in Scotland. Vol. XXXIX. 39th session, 1895-96. Glasgow, 1896. From the institution.

The Study of Human Foods and Practical Dietetics, by M. E. Jaffa, Ph.B. Sacramento, 1896. From the University of California.

University of California—College of Agriculture. Agricultural Experiment Station. Report of the viticultural work during the seasons 1887-93, with data regarding the vintages of 1894-95. Sacramento, 1896. From the Department.

United States Geological Survey, Chas. D. Walcott, Director, Fifteenth Annual Report, 1893-94, Sixteenth Annual Report, 1894-95. Pt. I.—Directors' Report and papers of a theoretic nature. Pt. II.—Papers of an economic character. Pt. III.—Mineral resources of the United States, 1894, metallic products. Pt. IV.—Non-metallic products, Seventeenth Annual Report, 1895-96. Pt. III.—Mineral resources of the United States metallic products and coal. Pt. III.—Continued non-metallic products except coal. Illustrated maps, bound vols. From the Department.

United States Coast and Geodetic Survey, 1894, in two parts. Pts. 1 and 2. 1895; bound. From the Department.

University of the State of New York. New York State Museum, 48th annual report of the Regents 1894, Vol. I. Report of the State Geologist, Vol. II., Albany, 1895. From the Institution.

Wine, Classification. Wine-tasting, Qualities and Defects, by Prof. G. Grazzi-Soncini, Director of the Royal School of Viticulture, Alba, Italy. Sacramento, 1892. From the Department.

## PAMPHLEIS AND MAGAZINES, UNBOUND.

Abhandlungen der Mathematisch-Physikalischen classe der Königlich Bayerischen Akademie der Wissenschaften-München, 1893-96. From the Akademie.

Anales del Museo Nacional de Buenos Aires. Tomo IX. Buenos Aires, 1895. From the Department.

Analele Institutului Meteorologic al Romaniei Tomul, X. 1894, XI. 1895. From the Institution.

American Museum of Natural History Report for the year 1896, New York. From the Department.

Annales de la Société Entomologique de Belgique Tome - trente - Neuvieme, 1895. From the Society.

Bulletin de la Société de Géographie, 1896-1897, Paris. From the Society.

Bulletin of the American Museum of Natural History. Vol. VIII., 1896, New York. From the Department.

Chicago Academy of Sciences. The Lichen Flora of Chicago and Vicinity, by W. W. Calkens. Thirty-ninth Annual Report for the year 1896. From the Chicago Academy.

Department of the Interior—Bulletin of the United States Geological Survey. Nos. 123—A Dictionary of Geographic Positions, Gannett. 124—Revision of the American Fossil Cockroaches, with descriptions of new forms, Scudder. 125—The Constitution of the Silicates, Clarke. 126—A Mineralogical Lexicon of Franklin, Hampshire, and Hampden Counties, Massachusetts, Emerson. 128—The Bear River Formation and its Characteristic Fauna, White. 129—Earthquakes in Californian in 1894, Perrine. 131—Report of Progress of the Division of Hydrography for the Calendar Years 1893 and 1894, Newell. 132—The Disseminated Lead Ores of South-Eastern Missouri, Winslow. 133—Contributions to the Cutaneous Palæontology of the Pacific Coast: the Fauna of the Knoxville Beds, Stanton. 134—The Cambrian Rocks of Pennsylvania, Walcott. From the Department of the Interior, Washington.

Field Columbian Museum, Vol. 1, No. 1, contribution to the Ornithology of San



Domingo, by G. K. Cherrie, No. 3. On sundry collections of mammals, by D. G. Elliott, F.R.S.E., Nos. 4 and 5. On some collections of fishes, and on the skeleton of *Toxochelys latiremis*, by O. P. Hay, Ph.D. Annual report of the director to the Board of Trustees for the year 1895-96. Contribution II. to the coastal and plain Flora of Yucatan, by C. F. Millspaugh, M.D. Catalogue of a collection of birds obtained by the expedition into Somaliland, by D. G. Elliott, F.R.S.E. List of mammals from Somaliland obtained by the Museum's East African expedition, and remarks upon two species of deer of the genus *Cervus*, from the Philippine Archipelago, by D. G. Elliott, F.R.S.E. Archæological studies amongst the ancient cities of Mexico, by W. H. Holmes. Part II.—Monuments of Chiapas, Oaxaca and the Valley of Mexico. Observations on Popocatepett and Ixtaccitwatt, with a review of the geographic and geologic features of the mountains, by O. C. Farrington, Ph.D. From the Field Columbian Museum, Chicago.

Gedächtnisrede auf Karl von Nägell gehalten in der öffentlichen Sitzung der kin. Akademie der Wissenschaften zu Munchen. Am 21. März, 1893. Von K. Goebel. München, 1873. From the Akademie.

Iowa Geological Survey. Vol. V. Annual Report, 1895, with papers. Des Moines, 1896. From the Department.

Journal of the Royal Statistical Society. Vol. LIX., parts 3 and 4; LX., parts 1 and 2. London, 1896-7. From the Society.

Kansas University Quarterly. Vol. V., No. 1. From the University.

Linnean Society. London. The Journal of the Linnean Society. Zoology. Vol. XXV., Nos. 164-165. 1896. Botany. Vol. XXXI., Nos. 218-219; Vol. XXXII., No. 228. Proceedings of the Linnean Society of London, Nov., 1895 to 1896. List of the Linnean Society of London, 1896-7.

Memoirs of the Museum of Comparative Zoology at Harvard College. Vol. XIX., No. 2. Reports on the results of Dredging. By A. Agassiz. Description des Crustacés de la famille des Galathéides reculillis pendant L'Expédition. Par A. Milne-Edwards et H. L. Bouvier. Vol. XXII. Text XXII. Atlas. From A. Agassiz.

Memoir of Geo. Brown Goode, 1851-96. By S. P. Langley, Washington. From the Academy.

Memoires de la Société Entomologique de Belgique. III. G. C. Champion. A list of Tenebrionidæ, supplementary to the Munich Catalogue. IV. Dr. M. Regimbart,

Dyliscidæ et Gyrimdæ, D'Afrique et Madagascar. V. Dr. J. Tosquet, Ichneumonides D'Afrique. From the Société.

Proceedings of the Californian Academy of Sciences. Zoology, third series, Vol. I, No. 1. "Plasmocytes," the Survival of the Centrosomes and Archoplasm of the Nucleated Erythrocytes, as free and independent elements of the blood of *Batrachoseps attenuatus* Esch. By G. Eisen, Ph D. No. 2 *Diemyctylus Torosus* Esch. The life, history, and habits of the Pacific Coast Newt. By W. E. Ritter. Botany, Vol. I, No. 1. A Morphological Study of *Naias* and *Zannichellia*. By D. H. Campbell. Geology, Vol. I., No. 1. The Geology of Santa Catalina Island. By W. S. T. Smith, San Francisco, 1897. From the Academy.

Proceedings of the Academy of Natural Sciences of Philadelphia, Part II, III, 1896. Part I, 1897. From the Academy.

Proceedings of the Davenport Academy of Natural Sciences, Vol. VI, 1889, 97, Davenport, Iowa. From the Academy.

Proceedings of the Boston Society of Natural History, Vols. 27, No. 14. "On the colour and colour patterns of moths and butterflies, by A. G. Mayer, Boston, 1897. From the Society.

Proceedings of the American Association for the Advancement of Science, 44th meeting, held at Springfield, Mass., Aug. and Sept. 1895; 45th meeting, held at Buffalo, N.Y., Aug. 1896. Salem, 1896-97. From the Association.

Proceedings of the American Philosophical Society, held at Philadelphia for Promoting Useful Knowledge. Vol. XXXV., Nos. 150, 151, 152; Vol. XXXVI., No. 154; Philadelphia, 1896-97. From the Society.

Proceedings of the Portland Society of Natural History, Portland, Maine. Vol. II., pt. 4, 1897. From the Society.

Proceedings of the American Academy of Arts and Sciences. N.S., Vol. XXIII.; whole series, Vol. XXXI. Selected from the Records, Boston, 1896. From the Academy.

Proceedings of the Boston Society of Natural History. Vol. XXVII., p. 7-74. The Anatomy and Histology of *Caudina Arenata* Gould, by J. H. Gerould, Boston, 1896. From the Society.

Proceedings and Transactions of the Nova Scotian Institute of Science, Halifax, Nova Scotia, Vol. IX., 1895-6, Pts. 1 and 2. Halifax, 1896. From the Institute.

Proceedings of the Californian Academy of Sciences, Sec. Series. Vol VI., 1896. From the Academy.

Sitzungsberichte der mathematisch-physikalischen Classe der K. B. Akademie der Wissenschaften zu München Heft. III., 1892. I. II. III., 1893; I. II. III. IV., 1894; I. II. III., 1895; I., 1896. München, 1893-96. From the Akademie.

Société de Géographie. Comptes Rendus des Séances, 1897, Nos. 1 to 19. Paris, 1897. From the Society.

Smithsonian Miscellaneous Collections. The Constants of Nature, pt. V. A recalculation of the Atomic weights, by F. W. Clarke. A index to the genera and species of the Foraminifera, by C. D. Sherborn, pt. II., Washington, 1896-97.

Smithsonian Institution.—Bulletin of the United States National Museum, No. 47. The fishes of North and Middle America, by D. S. Jordan, Ph.D. B. W. Evermann, Ph.D., pt. 1. Washington, 1896. Atmospheric Actinometry and the Actinic constitution of the Atmosphere, by E. Duclaux, 1896. From the Institution.

Smithsonian Miscellaneous Collections. Smithsonian Physical tables, by T. Gray, 1896. Methods for the determination of organic matter in air, by D. H. Bergey, B.S., M.D. Equipment and work of an Æro-Physical Observatory, by A. McAddie. Mountain Observatories in America and Europe, by E. S. Holden, Director of the Lick Observatory, 1896. The Air of Towns, by Dr. J. B. Cohen. The Atmosphere in relation to Human Life and Health, by F. A. R. Russell. Virginian Cartography, a bibliographical description, by P. Lee Phillips. Air and Life, by H. de Variguy, M.D. Argon, a new constituent of the atmosphere, by Lord Rayleigh and Professor W. Ramsay. Smithsonian Contributions to Knowledge, Vols. XXX., XXXI., XXXII. From the Smithsonian Institution.

Transactions of the Wagner Free Institute of Science of Philadelphia, Vol. IV., January, 1896. From the Institute.

Transactions of the Academy of Science, St. Louis, Vol. VII. No. 4. The law of minimum deviation of light by a Prism, by Francis E. Nipher. No. 5. Relations of *Salix Missouriensis*, Bebb, to *S. Cordata* Muhl, by N. M. Glatfeller, M.D. No. 6. Flowers and insects, by C. Robertson. No. 7. On a rotational motion of the cathode disc in the Crookes tube, by F. E. Nipher. No. 8. At what age do pupils withdraw from the public schools, by C. M. Woodward. No. 9. Geometrical constructions of the lines of force proceeding from (a), Two parallel electrified lines (b), two electrified points, by W. H. Roever. No. 10. A

study of the Kansas *Ustilagineæ*, especially with regard to their germination, by J. B. S. Norton. No. 11. Flexure of telescopes, by M. Updegraff. No. 12. Geometrical properties of the lines of force proceeding from (a), a system consisting of an electrified plane, and an electrified line parallel to the plane (b), a system consisting of an electrified plane, and an electrified point, by W. H. Roever. No. 13. Results of double star observations made with the equatorial of the Morrison Observatory, by H. S. Pritchell. No. 13. North American Bees, descriptions and synonyms, by C. Robertson. No. 15. Relations of the Devonian and Carboniferous in the Upper Mississippi Valley, by C. R. Keyes. No. 16. Critical Notes on the "Muricidæ," by L. C. Baker. From the Academy of Science, St. Louis.

Proceedings of the American Academy of Arts and Sciences, Vol. XXXII.—No. 1. Contributions from the Gray Herbarium of Harvard University, by B. L. Robertson and J. M. Greenman. No. 2. A revision of the atomic weight of Magnesium, by T. W. Richards and H. G. Parker. No. 3. On the group of real linear transformations whose invariant is a real quadratic form, by H. Taber. No. 4. Studies in Morphogenesis, VI., a contribution to the quantitative study of correlated variation, and the comparative variability of the sexes, by C. B. Davenport and C. Bullard. No. 5. Investigations of American Petroleum, by C. F. Mabery. XXVI. On the Butanes and Octanes in American petroleum, by C. F. Mabery and E. J. Hudson. No. 6, XXVII. The constituents of Pennsylvania, Ohio, and Canadian Petroleum, between 150deg. and 220deg., by C. Mabery. No. 7, XXVIII. Refractive power of the Hydrocarbons and Chlorine derivatives described in the preceding paper, by C. F. Mabery and E. J. Hudson. No. 8, XXIX. On the composition of a South American Petroleum, by C. Mabery and A. S. Kittelberger. No. 9. The genera of North American Melanopli, by S. H. Scudder. No. 10. Cycle in the life of the individual (Ontogeny), and in the evolution of its own group (Phylogeny), by A. Hyatt.

No. 2, XLVIII. The Viscosity of Mercury Vapour. By A. A. Noyes and H. M. Goodwin. No. 12—On the action of Ammonia upon Capri Ammonium Acetobromide. By T. W. Richards and R. J. Forsythe. No. 13—On obtaining meteorological records in the upper air by means of kites and balloons. By A. L. Rotch. No. 14—The energy conditions necessary to produce the Röntgen



Rays. By J. Trobridge. From Institution.

Proceedings of the Boston Society of Natural History, Vol XXVII.—The Beach Mouse of Muskeget Island. By G. Miller, jun. Conditions and effects of the expulsion of gases from the earth. By N. S. Shaler. Proceedings of the annual meeting. On the larvæ of the higher Bombyces (agrotides grote). By H. G. Dyar. The Jura of Texas. By J. Marcon. An important addition to the fauna of Massachusetts. By O. Bangs. On the fracture system of joints, with remarks on certain great fractures. By J. B. Woodworth. Some facts in regard to the distribution of certain mammals in New England and Northern New York. By C. F. Batchelder.

A new occurrence of carboniferous fossils in the Narragansett Basin, by M. L. Fuller. List of exotic orthoptera, described by S. H. Scudder, 1868-1879, with a revision of their nomenclature by S. H. Scudder. Thomas Tracy Bouvé, memorial meeting of the Boston Society of Natural History,

December 2, 1896. From the Boston Society. Verhandlungen der Gesellschaft für Erdkunde zu Berlin, Band XXIII., 1896, Nos. 4 to 10. Band XXIV., 1897, Nos. 1 to 3, Berlin, 1896-97. From the Society:

University of California, "On Malignite." A family of basic plutonic orthoclase rocks, rich in alkalies and lime, by A. C. Lawson. The Great Valley of California, a criticism of the theory of Isostasy, by F. L. Ransome. Notes on Children's Drawings, by E. E. Brown. The Geology of Point Sal, by H. W. Fairbanks. On some Pleocene Ostracoda from near Berkeley, by F. Chapman. Notes on two Tertiary Faunas from the rocks of the Southern Coast of Vancouver Island, by J. C. Merriman. Remedies for Insects and Fungi. The Causes of "Frogging" and "Bloating" of Prunes, Californian Walnuts, Almonds, and Chestnuts. The Bleaching of Nuts by dipping. The work of the College of Agriculture and Experiment Stations, Berkeley, California. From the University.

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