- 54. Smyth's Celestial Cycle (2 vols., 8vo, Eng. edition.)— A Cycle of Celestial Objects, for the use of Naval, Military, and Private Astronomers. Observed, Deduced, and Discovered. By Captain WILLIAM HEN-RY SMYTH, R. N. K. S. F., D. C. L. In two volumes, with illustrations. Volume I. Prolegonena. Volume II. The Bedford Catalogue, 8vo, cloth, pp. 8, 516, 20, 560=1104. jwp. Price \$9,00.
- 55. Muller's Physics and Meterology (8vo American edition) --Principles of Physics and Meterology. By J. MULLEN, Revised and Illustrated with five hundred and thirty-eight engravings on wood, and two colored plates. 8vo, cloth, pp. 635, 10. Price \$2,65 cts.
- 56. Parker's Manual of Geographical Science (8vo, English edition)-A Manual of Geographical Science -I. Mathematical Geography by the Rev. M. O' BRIEN, M. A. FRS,-II. Physical Geography. By D. J. ANSTED, M.A. FRS,-III. Chartography. By J. R. Jackson, FRS,-IV. Theory of Description and Geographical Terminology. By the Rev. C. G. Nicolay. FRGS. Edited with numerous illustrations, by the Rev. C. G. Nicolay, RFGS. In one volume. Svo, cloth, pp. 16, 445-461, jwp. Price 81, 50 cts. Atlas to accompany the above. (See Atlas No. 72); price for the two \$2,50.
- 57. Putnam's Universal Geography (12mo, American edition) -Hand-Book of Universal Geography; Being a Gazetteer of the World, Based on the Census of the United States, England, and France for 1851. Edited by T. CAREY CALLICOT, A.M. (Putnam's Home Cyclopedia.) 12mo, cloth, pp. 856, gpp to asbc. Price \$1,60 cts.
- 58. Milner's Gallery of Nature [Svo Eng Edi.]—A Gallery of Nature, being a pictorial and descriptive Tour through creation, illustrative of the wonders of Astronomy Physical Geography and Geology. With sixteen engravings on steel, and many hundred Vignettes and Diagrams. By the Rev. T. MILNER, A.M. Royal 8vo. cloth, pp. 803. wsoc. Price \$3,60.

ANCIENT GEOGRAPHY.

- 59. Anthon's Ancient Geography (Svo, Am. edi.)—A system of Ancient and Mediaval Geography for the use of Schools and Colleges. By CHARLES ANTHON, LL.D. Svo. sheep, pp, 769, hb. Price \$1,40.
- 60. Putz' Geography and History [3vols, 12mo, Am. edi.]-

Price for the three volumes \$2,08, as follows:

[1] Ancient: Hand-book of ancient geography and history. By WILLIAM PUTZ. Translated from the German by the Rev. B. B. PAUL, M.A., and edited by the late Rev. THOMAS K. ARNOLD M.A., 12mo, cloth, pp, —dac.

[2] Medævial: Hand Book of Medævial Geography and History, by WILLIAM PUTZ, Translated from the German, by the Rev. R. C. PAUL, M.A., 12mo, cloth, pp, 211, dac.

[3] Modern: Manual of Modern Geography and History. by WILLIAM PUTZ. Translated from the German, by the Rev. R. C. PAUL, M.A., 12mo, cloth, pp, 336, dac.

- 61. Johnston's Classical Atlas (demy 4to, Eng. edi.)—A School Atlas of Classical Geography; comprising in twenty plates, maps and places of all the important countries and localities referred to by classical authors constructed from the best material, and embodying the results of themost recent investigations, accompanied by a complete index of places, with the proper quantities marked. Beautifully printed in colours. BY ALEXANDER KEITH JOHNSTON, F.R.S.E. demy 4to cloth. wakj. wbs. Price \$2,50.
- 62. Pillans' Ancient Geography (Eng. edi.)—The Geography of the ancient world, in so far as it is subservient to the understanding, and illustrative of the classics.—(A companion to the foregoing,) By JAMES PILLANS, F.R.S.E.—cloth, pp. wbs. Price
- 63. Reynold's Nature in all Climates (Demy 4to, Portfolio, Eng. Edi.)-View of Nature in all climates from the Equator to the Arctic Circle; illustrating the Astronomical and Physical Phenomena of the different regions, and the distribution of Organic life in an HORIZONTAL direction. The Diagram exhibits the cause of the diversity of Climate, the Sun's Declination for every day in the year, the Temperature and Length of day in all latitudes, s. &c. On a sheet six feet in length, full coloured, with Triangle. Analemma, and Explanatory Notes. Small 4to, mounted on canvass, and folded in a portfolio, cloth, *yr.* Price \$1,65.
- 64. Reynold's Nature in ascending Regions (Demy 4to, Portfolio, Eng. Edi.)—View of Nature in Ascending Regions; presenting a comparative view of the chief Mountains of the Globe, and the distribution of Organic life in a VERTICAL direction; showing the varieties of Climate and Vegetation, from the scalevel to the mountain summits, in the torrid, temperate, and frigid zones. The principal Plateaus, Mountain Passes, Towns, and other, objects remarkable for their clevation above the ocean are also shown. On a sheet three feet in height, full coloured, with Explanatory Notes. Small 4to mounted on canvass, and folded in a portfolio, cloth, fr. Price \$1,65.
- 65. Johnston's Physical Atlas (Demy, 4to Eng. Edi.)—The Physical Atlas of Natural Phenomena, reduced from the edition in Imperial Folio, for the use of Colleges, Academics, and Families. By ALEXANDER KEITH JOHNSTON, F.B.G.S. This Edition contains twenty-five Maps, including a Palacontological Map of the British Islands, engraved in the highest style of Art, expressly for this edition, by Messrs. W. & A. K. Johnston, and carefully coloured under their own superintendence; with 112 parces of descriptive letter-press, and a very copious index. List of Plates: —GEOLOGY.—1. Geological Structure of the Globe. 2. Mountain Chains of Europe and Asia. 3. Mountain Chains of America. 4. Illustration of the Globic System of the Alps, (Mount Blanc.) 5. Phenomena of Volcanic Action. 6. Palacontological and Geological Map of the British Islands. (A double sheet.) Hypnogical and Geological Chart of the Atlantic Ocean. 3. Physical Chart of the Pacific Ocean or Great Sca. 4. Tidal Chart of the British Seas. 5. The River Systems of Europe and Asia. 6. The

River Systems of America. 7. Tidal Chart of the World. METEOFOLOGY.-Humboldt's System of Isothermal Lines. 1. Geographical Distribution of Plants. 2. Geographical Distribution of the Cultivated Plants used as Food. 3. Geographical Distribution of Quadrumana. Edentata. Marsupialia and Pachydermata. 4. Geographical Distribution of Carnivora. 5. Geographical Distribution of Rodentia and Ruminantia. 6. Geographical Distribution of Birds. 7. Geographical Distribution of Gereiles. 8. Ethnographic Map of the World. 9. Ethnographic Map of Great Britain and Ireland. Demy, 4to, pp. 122, and twenty-four plates. wakj. wbs. Price \$10,50.

- 66. Milner & Petermann's Descriptive Atlas (Demy, 4to, Eng. Edi.)—A Descriptive Atlas of Astronomy, and of Physical and Political Geography. Comprised in seventy-four Maps, exhibiting a Comprehensive System of Astronomy, illustrated with seven maps and hemispheres and of Physical and Political Geography, with a complete Atlas of the Globe, carefully constructed, with descriptive letterpres. By the Rev. T. MILNER, M.A., P. K.G.S., illustrated by several hundred vignettes. The Maps of Physical and Political Geography constructed and carefully revised and corrected, by AUGUSTUS PETERMANN, F.R.G.S. In one thick volume, demy 4to, cloth, pp, 174, Index 55=229 wsoc. Price \$6,30.
- 67. Milner & Petermann's Physical Atlas (demy 4to, Eng. edi.) The Atlas of Physical Geography, Consisting of sitteen Maps, illustrative of the Geology, Hydrography, Meteorology, Zoology, Botany, and Ethnography of the Globe. Constructed by AUGPTUS PEREMANN, F.R.G.S. The letterpress, descriptive of the Physical Phenomena of the Globe, By the REV. T. MILNER, M.A., F.R.G.S. illustrated by upwards of one hundred and thirty vignettes, sections and views. In one Volume demy 4to cloth, pp. 134, usoc. Price \$4,20.
- 68. Milner & Petermann's Political Atlas (demy 4to Eng. edi.) The Atlas of Political Geography, Revised and corrected, By Arcustrus PE-TERMANN, F.R.G.S. With descriptive letter-press, By the REV. T. MILNER, M.A. F.R.G.S., 'Eac Maps embraced in this Atlas, fifty-one in number, present the Topographical and Statistical features of the countries in a novel and simple manner; the former are illustrated by sections, taken across the countries, showing the elevation of the land above the sca-level; while the latter are represented so as to exhibit the number of inhabitants of every place on the Map. Each Map is accompanied by a letter-press, describing in brief language its prevailing Geographical Structure, chief Political Divisions and Cities, with the Manners, Religion, and Industrial occupation of its Inhabitants. A copious consulting Index, both to the letter-press and Maps, is given—in the latter case, with a reference to the position on the Map of the District of City named. In one volume, demy 4to, cloth pp. 131, acsoc. Price \$6,30
- Reynold's Physical Geography (demy 4to, portfolio Eng, edi.)—A series of twelve diagrams executed on quarto drawing boards, full coloured with description; as follows: 1. Geographical Diagram, moveable;
 Map of the World; 3. Mountains and Volcances: 4. Rivers and Lakes; 5. Waterfalls; 6. Wind and Rain Maps; 7. Tidal Chart of the World, and Botanical Map; 8. Distribution of Animals, Birds, and Reptiles over the Globe;
 Distribution of the Human Race; 10. Varieties of Mankind: 11. Physica: Map of the British Isles; 12. The principal Buildings in the world. their heights and styles of Architecture. Price \$1,80.
- 70. Johnston's Physical Atlas (1mp. 8vo. Eng. edi.)—A School Atlas of Physical Geography, Illustrating in a series of original designs, the Elementary facts of Geology, Hydrology, Meteorology and Natural History. In this work the subject is treated in a more simple and elementary manner than in the previous works of the author. By means of a new process, these works combine the accuracy and neatness of the highest style of engraving, with a mechanical application of colours, of which the effect is to secure clearness, correctness and elegance, BY A. KEITH JOHNSTON, F.R.S.E. Eighteen plates, Imperial 8vo, cloth. wakj. usb. Price \$2,50.
- 71. Johnston's General Atlas (Imp. 8vo. Eng. edi.)—A School Atlas of general and descriptive Geography, exhibiting the actual and comparative extent of all the countries in the world, with their present political divisions, founded on the most recent discoveries and rectifications, specially constructed, with a view to the purposes of sound instruction, and on a uniform series of scales by which the relative size of countries can at once be perceived. BY ALEXADER KEITH JOHNSON, F.R.S.E., Engraved in the highest style and coloured; In twenty two maps, Imperial 8vo, cloth, wakj. wbs. Price \$2,50.
- 72. Parker's Physical and Historical Atlas (Imp. 4to Eng. edi.)-An Atlas of Physical and Historical Geography to accompany the "Manual of Geographical Science" (See No.55 of thisdivision of the Catalogue) Engraved By J. W. LowRY, under the direction of D. J. ANSTED, M. A., F.K.S. and the REV. C. G. NICOLAY, F.R.G.S. In Six Plates. Imperial 4to. paper jurp. Price \$1,00. (See above No. 56.)

DIAGRAMS AND ATLASES.

ASTRONOMY.

- Reynold's Astronomical Diagrams (demy 4to. Portfolio Eng. edi.)-A series of twelve diagrams (many of them transparancies) executed on quarto drawing boards, full coloured, with description; as follows:-1. The Solar System; 2. The Seasons; 3. Eclipses and Tides; 4-View of the moon; 5. The Phases of the Moon; 6. The Earth and its Atmosphere; 7. The Sun and Solar Phenomena; 8. The Earth's Annual Revolution, and its Diurnal Rotation; 9. Transparent Chart of the Heavens;-10. Comparative Magnitudes of the Planets; 11. Comets and Aerolites; 12.-Diagram of Meteorology; in a portfolio, cloth, demy 4to. fr. Price \$2,40.
- 74. Astronomical Figures (Imp. 4to. Xtn. K. Soc.)—A series of twelve beautiful colored lithographic plates of Astronomical figures : Imperial 4to, cloth, London: Christian Knowledge Society. Price \$1,50.