

eties or Academies, in the following order: Academy of Natural Sciences of Philadelphia; American Philosophical Society, Philadelphia; Society of Natural History, Boston; American Academy, Boston; Lyceum of Natural History, and later, Academy of Sciences, New York; and so on, not overlooking the Reports of the American Association for the Advancement of Science. The foreign serial works of most importance to the geologist are the Journal of the Geological Society of London; the Geological Magazine, London; Bulletin of the Geological Society of France; "Comptes Rendus" of the Academy of Sciences, Paris; Jahrbuch für Mineralogie, Geologie und Palaeontologie, Stuttgart; Zeitschrift der deutschen geologischen Gesellschaft, Berlin; Jahrbuch der k.-k. geologischen Reichsanstalt, Vienna.

For foreign facts and views I am largely indebted to the able English works of SIR ARCHIBALD GEIKIE, PROFESSOR PRESTWICH, and PROFESSORS ETHERIDGE and SEELEY, the very full *Traité de Géologie* of PROFESSOR A. DE LAPPARENT, and the *Elemente der Geologie* of DR. CREDNER.

As the volume is necessarily larger than that of the edition of 1880, — partly through more text, but also through a greater profusion of illustrations, — the instructor may find it convenient, in his use of the Historical part, to take up successively its two great subjects, the geological and physical history of the continents, and the history of its life.

JAMES D. DANA.

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