

Temperance legislation in England and elsewhere. William Cunningham. *Contemporary review*, November.

[An interesting survey of recent temperance legislation and its results. The author quotes largely from the statutes of various states in this country.]

Ueber die wahre aufgabe der physiologie. Prof. W. Preyer. *Deutsche rundschau*, Oct. 1.

Use of higher education to women, the. Millicent Garrett Fawcett. *Contemporary review*, November.

[An address to the students of Bedford college. Mrs. Fawcett criticises the argument of Dr. Withers Moore on this subject in his address before the recent meeting of the British medical association.]

What girls read. E. G. Salmon. *Nineteenth century*, October.

### Calendar of Societies.

*Connecticut academy of arts and sciences, New Haven.*

Nov. 7. — Professor Hastings, Exhibition of rock-salt lenses and prism; Professor Brewer, A finished breed of horses.

*Philosophical society, Washington.*

Nov. 20. — G. K. Gilbert, Certain new and small mountain ranges (concluded); T. Russell, Normal barometers; N. H. Darton, On the occurrence of copper ores in the trias of the eastern United States; J. S. Diller, The latest volcanic eruption in northern California, and its peculiar lava.

*Anthropological society, Washington.*

Nov. 16. — G. K. Gilbert, The geological date of a prehistoric hearth observed in western New York; J. H. McGee, Remarks on an obsidian spear-head found in a quaternary deposit in Walker cañon, Nevada.

*Engineers' club, Philadelphia.*

Nov. 6. — W. E. Hall, Car lubrication; Frank A. Hill, Accidents in anthracite mines; G. R. Henderson, Efficiency of locomotives and resistance of trains; Herman Haupt, jun., A description of the St. Paul ice-palace.

Publications received at Editor's Office, Nov. 8-20.

Abbott, E. Easy Greek reader. (Clarendon press series.) Oxford, *Clarendon pr.*, 1886. 80+96 p. 16°. (New York, Macmillan, 75 cents.)

Bert, P. First steps in scientific knowledge. Tr. by Madame Paul Bert. Philadelphia, *Lippincott*, 1887. 70+129+91 p., illustr. 16°.

Buckland, A. Our national institutions. London, *Macmillan*, 1886. 6+111 p. 16°.

Challenger, report of the scientific results of the exploring voyage of. Vols. xv., xvi.: Zoology. London, *Government*, 1886. 827+700 p., 58+64 pl., 1 chart. 4°.

Clifford, W. K. Lectures and essays. Ed. by Leslie Stephen and Frederick Pollock. 2d ed. London, *Macmillan*, 1886. 443 p., portr., 12°. \$2.50.

Doberck, W. The law of storms in the eastern seas. Hongkong, *Hongkong Telegraph*, 1886. 24 p., map. 16°. 50 cents.

Gautier, T. Scenes of travel. Ed. by George Saintsbury. (Clarendon press series.) Oxford, *Clarendon pr.*, 1886. 12+130 p. 16°. (New York, Macmillan, 50 cents.)

Gueroult, G. Esquisse d'une théorie générale des lampes à arc voltaïque. Paris, *Gauthier-Villars*, 1886. 43 p. 12°. (New York, Christern, 50 cents.)

Gugau, M. L'irréligion de l'avenir. Paris, *Alcan*, 1887. 478 p. 8°. (New York, Christern, \$2.50.)

Halphen, G.-H. Traité des fonctions elliptiques et de leurs applications. Première partie. Paris, *Gauthier-Villars*, 1886. 492 p. 8°. (New York, Christern, \$5.)

Harrower, H. D. Captain Glazier and his lake: an inquiry into the history and progress of exploration at the head waters of the Mississippi since the discovery of Lake Itasca. New York, *Iverson, Blakeman, Taylor & Co.*, 1886. 58 p., 10 maps. 8°.

Holbrook, M. L. How to strengthen the memory; or, Natural and scientific methods of never forgetting. New York, *The author*, [1886.] 152 p. 12°.

Jays, L. Problèmes de physique et de chimie. Paris, *Gauthier-Villars*, 1886. 335 p. 8°. (New York, Christern, \$2.)

Kapp, G. Electric transmission of energy, and its transformation, subdivision, and distribution. New York, *Van Nostrand*, 1886. 12+331 p., illustr. 12°.

Marshall, A. and M. P. The economics of industry. London, *Macmillan*, 1885. 16+231 p. 16°.

Mason, T. B. The war between Chile and the allied republics of Peru and Bolivia in 1879-81. Washington, *Government*, 1885. 77 p., maps. 8°.

Medical education and medical colleges in the United States and Canada, 1765-1886. Springfield, Ill., *State board of health*, 1886. 172 p. 8°.

Niebuhr's Griechische heroen-geschichten. Tales of Greek heroes. Ed. by Emma S. Buchheim. School edition. (Clarendon press series.) Oxford, *Clarendon pr.*, 1886. 8+131 p. 16°. (New York, Macmillan, 50 cents.)

Racine's Esther. Ed. by George Saintsbury. (Clarendon press series.) Oxford, *Clarendon pr.*, 1886. 123 p. 16°. (New York, Macmillan, 50 cents.)

United States, tenth census of the, 1880. Vol. xviii. part i.: Social statistics of cities. Washington, *Government*, 1886. 914 p., maps, diagr. 4°.

— Same. Vol. xx: Statistics of wages, necessities of life, trades societies, and strikes and lockouts. Prepared by Jos. D. Weeks. Washington, *Government*, 1886. 635 p. 4°.

Vanden-Berghe, M. L'homme avant l'histoire. Paris, *Reinwald*, 1886. 83 p. 8°. (New York, Christern, 50 cents.)

Wickham, E. C. Selected odes of Horace, with notes for the use of a fifth form. Vol. ii.: Notes. (Clarendon press series.) Oxford, *Clarendon pr.*, 1886. 68 p. 16°. (New York, Macmillan, 50 cents.)

Wolf, C. Les hypothèses cosmogoniques. Paris, *Gauthier-Villars*, 1886. 255 p. 8°. (New York, Christern, \$2.20.)

Wronski, H. Application nautique de la nouvelle théorie des marées. Paris, *Gauthier-Villars*, 1886. 96 p. 4°. (New York, Christern, \$3.35.)

### Advertised Books of Reference.

PHYSIOLOGICAL BOTANY: I. Outlines of the Histology of Phaenogamous Plants; II. Vegetable Physiology. Goodale (Harvard), 8vo., 560 pp. \$2.30. Iverson, Blakeman, Taylor & Co., Pubs., New York.

STRUCTURAL BOTANY; or, Organography on the basis of Morphology; the principles of Taxonomy and Phytography and a Glossary of Botanical terms. Gray (Harvard), 8vo., 454 pp. \$2.30. Iverson, Blakeman, Taylor & Co., Pubs. New York.

ENCYCLOPÆDIA OF CHEMISTRY. Theoretical, practical, and analytical, as applied to the arts and manufactures. By Writers of Eminence. Profusely and handsomely illustrated. In two volumes. Each containing 25 steel-plate engravings and numerous woodcuts. Imperial 8vo. Price per set: Extra cloth, \$15.00. Library sheep, \$18.00. Half morocco, \$20.00. J. B. Lippincott Company, Pubs., Philadelphia.

SCRIBNER'S STATISTICAL ATLAS OF THE UNITED STATES: Showing by Graphic Methods their Present Condition, and their Political, Social, and Industrial Development, as Determined by the Reports of the Tenth Census, the Bureau of Statistics, the Commissioner of Education, State Officials, and other Authoritative Sources. 120 Pages Text, 151 plates (31 double), 279 Maps (22 folio), 969 Charts and Diagrams. Sold only by Subscription. Descriptive circular sent on application. Charles Scribner's Sons. Pubs., 743 and 745 Broadway, New York.

INSECTS INJURIOUS TO FRUITS. By Prof. William Saunders, F.R.S.C. Handsomely illustrated with 440 wood engravings. Crown, 8vo. Cloth. \$3. J. B. Lippincott Company. Pubs., Philadelphia.

MAMMALS OF THE ADIRONDACKS. By Dr. C. Hart Merriam. Contains an introductory chapter treating of the location and boundaries of the region, its geographical history, topography, climate, general features, botany, and faunal position. This work consists, in the first place, of a general account of the prominent features of the Adirondack region; and, secondly, of a popular narrative of the habits of the animals found within its confines. Imp. 8vo. \$3.50. Henry Holt & Co., New York.