

- unterrichts im englischen. H. Klinghardt. *Englische studien*, Sept. 15.
- Thought-reader's experiences, a. Stuart C. Cumberland. *Nineteenth century*, December.
- Uniforme des élèves de l'école normale, P. M. Dionys Ordinaire. *Revue politique et littéraire*, Nov. 6.
- Wiese's (L.) Lebenerinnerungen u. amts-erfahrungen. Friedrich Paulsen. *Berliner philologische wochenschrift*, Sept. 11, 1886.
- [An excellent account by Professor Paulsen of Dr. Wiese's educational work and influence.]
- Zwang-erziehung verwaarloster kinder in Hessen. Dr. Ludwig Fuld. *Jahrbücher f. national-ökonomie u. statistik*, Oct. 23.

Calendar of Societies.

Chemical society, Washington.

- Dec. 9. — H. W. Wiley, Our sugar-supply.

Anthropological society, Washington.

- Dec. 7. — H. C. Yarrow, Navajo treatment of ague; H. Ten Kate, Travels in Guiana and Venezuela; Cyrus Thomas, Mound-exploration work of the bureau of ethnology.

Biological society, Washington.

- Dec. 11. — Theobald Smith, Parasitic bacteria and their relation to saprophytes; F. A. Lucas, On the osteology of the spotted Tinamou (*Nothura maculosa*); C. D. Walcott, Tracks found on strata of upper Cambrian (Potsdam) age; Frank Baker, The foramen of Magendie; C. Hart Merriam, Contributions to North American mammalogy of a new sub-species of pocket gopher.

Philosophical society, Washington.

- Dec. 18, *election of officers for 1887*. — President, William Harkness; vice-presidents, C. E. Dutton, Garrick Mallory, J. R. Eastman, G. K. Gilbert; treasurer, Robert Fletcher; secretaries, Marcus Baker, J. H. Kidder; members at large of the general committee, H. H. Bates, F. W. Clarke, W. H. Dall, E. B. Elliott, G. B. Goode, H. M. Paul, C. V. Riley, W. C. Winlock, R. S. Woodward.

Engineers' club, Philadelphia.

- Dec. 4. — Carl Hering, Analogies between electrical and mechanical units and phenomena; A. H. Howland, On the general subject of water-pipes; Rudolph Hering, Notes upon the present investigation of the drainage and water-supply of Chicago.

Academy of natural sciences, Philadelphia.

- Nov. 30. — Miss Helen C. De S. Abbott, Haematoxylin; Professor Ryder, The transmission of morphological changes; G. A. Koenig, Boiler incrustation; On schorlemite as a variety of melanite.

Torrey botanical club, New York.

- Dec. 14. — Julius Bisky, Additions to the flora of Queens county, N.Y.; Arthur Hollick, Revision of the species *Cerastium arvense*, L., and its varieties.

Institute of social science, New York.

- Dec. 22. — Simon Sterne, Free trade.

- Jan. 13. — A paper is expected on The economic heresies of Mr. Henry George.

Natural science association, Staten Island.

- Dec. 11. — Mr. Henshaw, Azolla Caroliniana, Willd.; W. T. Davis, Fasciated stems and branches from *Rhus glabra* and *Ailanthus glandulosus*; Mr. Hollick, Glaciation on the island.

Connecticut academy of arts and sciences.

- Dec. 15. — J. H. Emerton, New England spiders of the family Ciniflonidae; J. T. Fewkes, Is the vast mass of oceanic water, between the surface and bottom, barren of life, or occupied by a peculiar fauna?

Society of arts, Boston.

- Dec. 9. — Elihu Thomson, New art of electric welding.

Society of natural history, Boston.

- Dec. 15. — Edward G. Gardiner, Recent researches on a third (rudimentary) eye in lizards; W. M. Davis, The mechanical origin of the triassic monoclin in the Connecticut valley.

Brookville society of natural history, Brookville, Ind.

- Dec. 7. — A. W. Butler, Some notes on the habits of turtles; C. F. Goodwin, Observations on the sense of vision in domestic animals; Joseph Lindsay, The manufacture of paper.

Publications received at Editor's Office, Dec. 6-18.

- Agricultural science, proceedings of the society for the promotion of, 1886. Columbus, O., *Gazette pr. house*, 1886. 88 p. 8°.
- Brown, G. Report on experiments in trap siphonage at the Museum of hygiene, U. S. navy department, Washington, D.C. Washington, *Judd & Detweiler, pr.*, 1886. 14 p., 2 pl. 8°.
- Canada, annual report of geological and natural history survey of, 1885. Vol. i. Montreal *Dawson*, 1886. 791+24 p., maps, illustr. 8°.
- Dagincourt, Dr. Annuaire géologique universel et guide du géologue. Paris, *Comptoir géologique de Paris*, 1886. 28+362+79 p., 1 pl. 12°.
- Diller, J. S. Notes on the geology of northern California. (U. S. geol. surv., bull. 33.) Washington, *Government*, 1886. 23 p., illustr. 8°.
- Gordon, J. C. Practical hints to parents concerning the preliminary home-training of young deaf children. Washington, *Gibson Bros., pr.*, 1886. 45 p., illustr. 8°.
- Gurney, E., Myers, F. W. H., and Podmore, F. Phantasms of the living. Vols. i. and ii. London, *Trübner*, 1886. 84+573, 28+733 p., illustr. 8°. (New York, Stechert.)
- Heilprin, A. Explorations of the west coast of Florida and in the Okeechobee wilderness. Philadelphia, *Wagner free inst.*, 1886. [63] p., 4°.
- Hunt, T. S. Mineral physiology and physiography. Boston, *Cassino*, 1886. 18+710 p. 8°.
- Linnean society of New South Wales, catalogue of the library of the. Sydney, *Cunninghame & Co.*, 1886. 74 p. 12°.
- Low, J. G. and J. F. Plastic sketches. Boston, *Lee & Shepard*, 1887. 12 p., 47 pl. 1°.
- McCalley, H. On the Warrior coal field. (Geol. surv. Ala.) Montgomery, *State*, 1886. 16+571 p. 8°.
- Ranke, J. Allgemeine naturkunde. Lief. 60, heft 1. Leipzig, *Bibliographische institut*, 1886. 48 p., 1 col. pl., illustr. 4°. (New York, Westermann.)
- Ratzel, F. Allgemeine naturkunde. Lief. 51-59, hefte 9-17. Leipzig, *Bibliographische institut*, 1886. [431]+10 p., 9 col. pl., illustr. 4°. (New York, Westermann.)
- Sanitary convention held at Ypsilanti, June 30 and July 1, 1885, proceedings of the. Lansing, *State*, 1886. 173 p., illustr. 8°.
- Sudder, S. H. The cockroach of the past. London, *Reeve & Co.*, 1886. [16] p., illustr. 12°.
- Shaw, A. Coöperation in a western city. Vol. i. No. 4. Baltimore, *Amer. econom. assoc.*, 1886. 106 p. 8°. 75 cents.
- U. S. navy, annual report of the secretary of, for 1886. Washington, *Government*, 1886. 28 p. 8°.
- Wyoming, historical and geological society, proceedings and collections of the. Vol. iii. Wilkesbarre, Penn., *Wyoming hist. geol. soc.*, 1886. 128 p., portr. 8°.