"deadly parallel:"

animal or the fish).

live and swim).

hour].

T.

familiar, I presume, to many readers, suggests the following

energy that shall equal the bird (land-animal, or fish).

(1) We cannot devise a method of utilizing fuel or a source of

(2) We can never build a machine which shall be as perfectly

(3) There is a limit of weight, say fifty pounds, beyond which

Ergo, we can never build a flying-machine to carry a man [a

railway train to excel the trotter at a mile in two minutes, the

whale of a hundred feet length, swimming fifteen miles an

Remembering what the first century of the operation of man's

unimpeded inventive power has accomplished, with steam, with

electricity, and with the infancy of his machinery, may it not be

just as well to cease the attempt to define the impossible?

adapted to its purpose of self-transportation as the bird (the land-

the bird cannot fly (one at which the animal cannot run, the fish

world, reaching as low as 27.4 inches. The observations for four years, 1884 to 1887, have just reached this country. During the four years sixty-eight storms and twenty-four high-areas have crossed over or very near the summit. As far as studied, the results have shown very materially different conditions here from those at Mount Washington. This is due in part to the lowness of the mountain, and in part to the proximity of the ocean on the west or on the side from which the storms advance. A comparison between Mount Washington and Ben Nevis shows, if any thing, that temperature and moisture have little or nothing to do with the generation of storms. At Ben Nevis the most extraordinary depressions are accompanied by only the slightest change in temperature, while at Mount Washington most remarkable changes in temperature are accompanied by much smaller changes in pressure. These facts would seem to show the extreme need there is of confining ourselves to the certainties of our own studies and conditions, and also the absolute impossibility of making and comparing any except the very broadest generalizations regarding weather conditions in Europe and America. H. A. HAZEN.

Washington, D.C., May 8. AMONG THE PUBLISHERS. A QUESTION that has often been discussed is, whether it would Flying-Machines. be possible to produce rain at will by the use of explosives. It has been claimed by some that rain has followed cannonading, and THE communication from Mr. H. A. Hazen in the issue of to test the matter experimentally the latest Congress appropriated Science for May 1, and his quotation from Le Conte, already "The Week, one of the ablest papers on the con-tinent." —Descriptive America. Publications received at Editor's Office, Publications of the University of Pennsylvania . May 4-9. SERIES IN FISKE, A. K. Beyond the Bourn: Reports of a Traveller returned from "The Undiscovered Country." New York, Fords, Howard, & Hulbert. 222 p. 16°. \$1.
FLOWER, W. H., and LYDEKKER, R. An Introduction to the Study of Mammals Living and Extinct. London, Black. 763 p. 8°. (New York, Macmillan, \$6.)
HANS ANDERSEN'S Stories. Newly translated. In two parts. Part II. (Riverside Literature Series, No. 50.) Boston and New York, Houghton, Mifflin, & Co. 205 p. 16°. 15 cents.
HORSFORP, E. N. The Defences of Norumbega: A Letter to Judge Daly. Boston and New York, Houghton, Mifflin, & Co. 84 p. f°.
MACFARLANE, A. Principles of the Algebra of Logic. Edinburgh, David Douglas, 1879. 155 p. 12°. (Boston, Ginn, \$1.35.)
WATSON, L. H. Not to the Swift. A Tale of Two Continents. New York, Welch, Fracker Company. 399 p. 12°. \$1.25.
WESTERN Bookseller and Newsdealer, The. Vol. I. No. 1 e. o. w. Chicago, Western Bookseller. 40 p. 8°. \$1 per year. ΗE WEEK, Philology, Literature and A Canadian Journal of Politics, Literature, Science and Art. Archæology. PUBLISHED EVERY FRIDAY. 33.00 per Year, \$1.00 for Four Months. THE WEEK has entered on its EIGHTH year of publication, greatly improved in every respect, rendering it more worthy the cordial support of every one interested in the maintenance of a first-class literary journal. The independence in politics and criticism which has characterized THE WEEK ever since its first issue will be rigidly maintained; and unceasing of-forts will be rigidly maintained; and unceasing of-tors will be rigidly maintained; and unceasing of-forts will be rigidly maintained; and unceasing of-forts will be to make THE WEEK fully equal to the best literary journals in Britain and the United States. As heretofore, PROF. GOLDWIN SMITH will, from time to time, contribute articles. London, Parls, Washington and Montreal letters from accomplished correspondents will appear at regular intervals. Special Ottawa Letters will appear during the ses-sions of Parliament. THE WEEK being the same size as "Harper's Weekly," is the largest paper of its class on the continent. SEND FOR FREE SAMPLE COPY. \$1.00 for Four Months. \$3.00 per Year. Vol. I. now ready. Poetic and Verse Criticism of the Reign of Eliza-beth. By Felix E. Schelling, A.M., Assistant Professor of English Literature. \$1.00. A Fragment of the Babylonian "Dibbarra" Epic. By Morris Jastrow, Jr., Ph.D., Professor of Arabic. 60 cents. a. Ilpós with the Accusative. b. Note on a Pas, sage in the Antigone. By William A. Lamberton A.M., Professor of the Greek Language and Lit-erature. 50 cents. The Gambling Games of the Chinese in America. Fán tán and Pák kòp piú. By Stewart Culin, Secretary of the Museum of Archæology and Palæontology. 40 cents. In preparation. The Terrace at Persepolis. By Morton W. Easton, Ph.D., Professor of Comparative Philology. An Aztee Manuscript. By Daniel G. Brinton, M.D., Professor of American Archæology and Linguis-A SYSTEM OF Professor of American Archeology and Linguistics.
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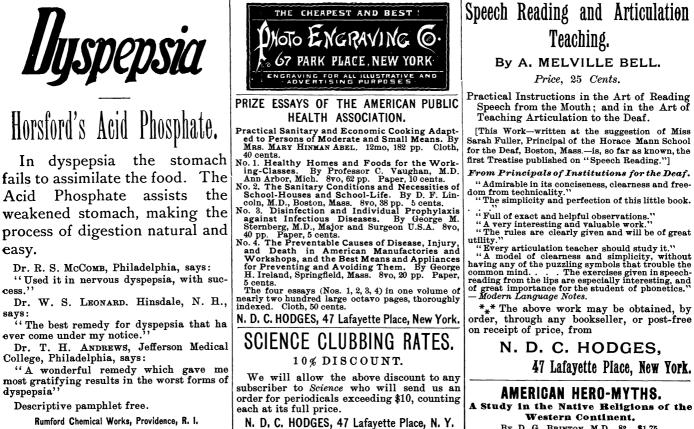
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