

## A Correction.

In last week's *Science*, p. 256, first column, line 40, occurs a typographical error which it may be worth while to correct. I refer to the word 'eidography,' erroneously printed 'cidography,'—a word suggested as useful in discussing surveys, and having reference solely to the surface form of the earth, its ups and downs, its hills and hollows. The words 'hypsography' and 'topography' are each used for this purpose; but the first refers rather to elevation than to form, and 'topography' has been and is used in different senses, hence its meaning is uncertain until defined by the writer using it.

MARCUS BAKER.

Washington, D.C., Dec. 4.

## Queries.

39. WHAT IS THE ORIGIN OF FISH IN ISOLATED PONDS?—The Peninsula of Florida contains innumerable isolated ponds varying from a few square rods to many square miles in area. Many of these are simple hollows filled with rain-water, without any connection with other waters. Some of them are on high ground, where no flood can establish temporary connection with other waters, through which fish might be admitted. The smaller ones often dry up entirely in seasons of drought, yet when filled with water they do not seem to be behind their neighbors in population. They all swarm with fish, whose origin and continued presence would seem to present an interesting question. For instance: at Orange Heights, in Eastern Alachua County, which is one of the most elevated regions of the State, as is plainly shown by the radiating streams which rise in that vicinity, there is a small pond on top of the highest elevation in all that region. I have twice known this pond to be dry, yet it now contains an abundance

of small fish. How have they been preserved from destruction, and whence came the original stock? CHS. B. PALMER.  
Columbus, O., Nov. 20.

40. FELSPAR, OR FELDSPAR?—Will you or some one of your numerous correspondents kindly inform me which is the more correct designation, 'felspar' or 'feldspar'? Both forms are in common use among mineralogists, and most dictionaries give both. Phillips, in his 'Elementary Mineralogy,' 1823, gives 'felspar' in the text, and in a footnote 'feldspar,' from the German *feldspath*, adding, "perhaps because found on the surface of some parts of the country." Might it not rather be derived from the German *fels*, 'a rock'? If one knew when and how it was first used, this might solve the point. J. THORBURN.  
Ottawa, Can., Nov. 29.

41. THE "SUPERNUMERARY MOLAR" IN MAN.—Not many days ago there was a very excellent young dentist at work at Fort Wingate, N. Mex., and while there a white man of some thirty-five years of age presented himself to have extracted what he termed "an extra tooth" in his upper jaw. Happening in, I saw this rare anatomical structure immediately after its removal. It was a small, transversely ellipsoidal tooth, with a single, conical, peg-like fang, the tooth itself having developed at its buccal aspect a small additional cusp. This tooth was situated directly posterior to the upper wisdom tooth or last molar of the left side, and in contact with it. I am aware that this rare supernumerary molar in man is alluded to in the more extensive works upon dentistry, but I would be glad if some reader of this notice will inform me where I may find the best biological account of this structure in man, as well as its significance, and whether it has ever been observed in any of the *Simiina*. R. W. SHUFELDT.

Fort Wingate, N. Mex., Dec. 1.

# IN THE SELECTION OF A CHOICE GIFT

For Pastor, Parent, Teacher, Child, or Friend, both elegance and usefulness will be found combined in a copy of Webster's Unabridged.



Besides many other valuable features, it contains

**A Dictionary**  
of 118,000 Words, 3000 Engravings,  
**A Gazetteer of the World**  
locating and describing 25,000 Places,  
**A Biographical Dictionary**  
of nearly 10,000 Noted Persons,  
**A Dictionary of Fiction**  
found only in Webster,  
**All in One Book.**

3000 more Words and nearly 2000 more Illustrations than any other American Dictionary.  
Sold by all Booksellers. Pamphlet free.  
G. & C. MERRIAM & CO., Pub'rs, Springfield, Mass.

# HYPNOTISM OR MESMERISM BY CHARLES B. CORY.

Cloth Edition, 50 Cents.

**BONNIE BAIRNS.** By IDA WAUGH, author of "Wee Babies." 48 large quarto pages. In colors. \$2.00.  
"Here are pictures and stories, whatever your mood, To help you all smile, and make you all good."  
**WORTHINGTON'S ANNUAL** for 1889. With 300 original engravings and colored plates. 4to, boards. \$1.50.  
WORTHINGTON CO., 747 B'way, N. Y.

# SCIENTIFIC BOOKS.

Catalogue of Books relating to Civil, Mechanical, Electrical, and Mine Engineering, and Manufacturing Industries sent free to any address.

E. & F. N. SPON,

12 Cortlandt Street, New York.

W. H. WALMSLEY & CO.

SUCCESSORS TO

R. & J. BECK,

1016 Chestnut Street Phila

Microscopes and all Accessories and Apparatus. Photographic and Photo-Micrographic Apparatus and Outfits.

Spectacles, Eye Glasses, Opera and Marine Glasses, etc.

Illustrated Price List mailed free to any address. Mention SCIENCE in corresponding with us.

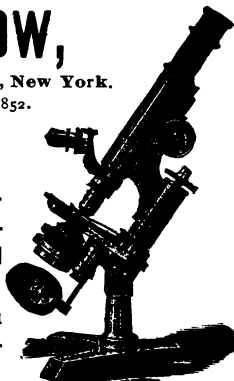
**J. GRUNOW,**

621 Sixth Avenue, New York.

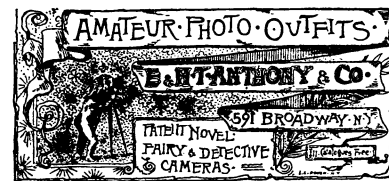
Established 1852.

MAKER OF

Microscope Stands, Oil Immersion Objectives and Abbe Condensers for Bacterial and Histological work, of Objectives, Camera Lucida and other accessory apparatus.



**GET THE NEW**  
**ACME NO. 5**  
**MICROSCOPE**  
Complete, with high-class lenses, 1 in. and 1-5 in.  
**\$28.00.**  
Send for complete catalogue B, and sample of The Microscopical Bulletin.  
**JAMES W. QUEEN & CO.**  
Makers of the Acme Microscopes,  
924 Chestnut St., Phila.



# Schools.

CONNECTICUT, NEW HAVEN.  
**MRS. CADY'S SCHOOL FOR YOUNG LADIES.**  
Prepares for Smith and Wellesley, and admits to Vassar by Certificate. Circulars. Early application necessary.

NEW YORK, TARRYTOWN-ON-THE-HUDSON.  
**AT MOUNT HOPE LADIES SEMINARY,**  
\$300 pays board and tuitions per school year. Music and art only extras. Best advantages with home care. Opens Sept. 26th.  
**ROBT. C. FLACK, A.M., Principal.**

TEXAS, AUSTIN.  
**SCHOOL OF GEOLOGY, UNIVERSITY OF TEXAS.** Conveniently situated in a remarkably diversified field for original investigation. Offers special facilities to specialists and post-graduate students. Educational series collected and exchanged. For circulars address PROCTOR OF UNIVERSITY, AUSTIN, TEX.

VERMONT, BURLINGTON.  
**VERMONT EPISCOPAL INSTITUTE.** Boarding School for Boys. Prepares for College or Business. Military drill. Terms moderate. Fifty-seventh half-year opens September 3, 1888. Send for catalogue.  
**H. H. ROSS, A.M., Principal.**