But from the very fact that the currents in such a region are so variable, thus constantly removing what they have bat re cently laid down, it will be less likely that their deposits will be preserved, and in our present geological studies we may disregard the exception, save to remember that it exists

## A PHILANTHROPIC TEMPERANCE MAN.

Our readers will find in another column an advertisement for which the writer pays us one hundred and ten dollars. I offers a prize of five hundred dollars for a plan to supp:ess the sale of intoxicating liquors and tobacco in New Jersey This prize is offered by a man too modest to have his name publisher, but who has provided guarantees of his good faith, which will be found upon perusal of the advertisement in question.
However much the possibility of securing the desired re sult, by the offer of such a prize, may be doubted, the man who offers it has given practical proof of his earnestness in the cause of temperance
The field chosen for the exercise of inventive genius is peculiarly difficult one. If our memory serves us, there is town in New Jersey known as Hoboken, which has been a favorite Sunday resort for New York guzzlers, ever since the Sunday liquor law went into operation in this State The man who can devise a way to prevent drinking in Hoboken will prove himself a g

## The Lyceum of Natural History.

The New York Lyceum of Natural History celebrated its fifty-third anniversary on the 27 th of February. This organization includes, on its list of members, all of the leading scientific men of the city, and its reputation, as an active publishing society, is high in this country and in Europe.
The report of the treasurer showed the society to be out of debt, with a handsome surplus, to be carried to next year's account. During the year, Volume IX. of transactions has been completed. One hundred and six learned societies, from all parts of the world, exchange transactions and pro ceedings with the Lyceum, so that our New York institution is rapidly accumulating a library of great value; it does not however, speak well for the city that the society has no per manent resting-place. nor any proper receptacle for its library and collections.
It was announced that Mr. Waterhouse Hawkins would address the next meeting, on the "Rehabilitation of extinct animals," with illustrations and drawings.

New Plastic Material.-A beautiful plastic substance can be prepared by mixing collodion with phosphate of lime. The phosphate should be pure, or the color of the compound will be unsatisfactory. On setting, the mass is found to be hard, and susceptible of a very fine polish. The material can be used extensively. applied, in modes that will suggest themselves to any intelligent artist, to high class decoration. The inventor has given it the somewhat pretentious name of artificial ivory

The Draining.-Draining tiles, laid without collars, can be protected at the joints by laying the tiles close together, and wrapping a newspaper, two or three times folded, round the ends. This plan is better than using straw, shavings, or grass, and, when the earth is packed down on the tiles, is perfectly secure.

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A shaft is being forged at the Bridgewater Iron Works, lisw., that will weigh forty-two tuns.

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Vital Force: How wasted and How Preserved; or, Abuses al Function, their Causes, Effects, and Means of Cure. By E. P. Miller D. Paper, 50 cts. Address Miller, Haynes \& Co., 41 West Twenty-sixt

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## NEW BOOKS AND PUBLICATIONS.

A Dictionary of Words and Phrases used in Commerce with Explanatory and Practical Remarks. By Thomas Port of New York. Part I., pp. $72,8 \mathrm{vo}$. New York: Tibbals \& Son.
The application of science to the arts, and the increase in the number of commercial articles, have been so great during the present century, that, special dictionaries of the words and MoErases used in each science or trade
have become indispensable. Mr. McEIrath proposes to supply this want Cor the department of commerce, with which he became very familiar while viously to that, as Corresponding Secretary of the American Institute. The lesign of the book is to sive the technical words and phrases used in mercantile transactions, also statistical information, tarifs, weights, measures. coins, rules of exchange, maxims of law, and descriptions of most articles known in trade. We can recommend it as a valuable work of reference. The following we select as illustrations of the character of the work: found in silky flaments which, when mixerl with oil, may be woven into a are-proof cloth, and is used in various manufactures. It is of various colors, white, green, and brown. It is employed in the manufacture of iron safes, and by the natives of Greenland it is used as the wi:kfor lamps. It is found on the eastern side of the Alleghanies and in other parts of the United States, but it is said that nowhere is it so abundant or of so good a quality for ceaving as that which is found at Staten Island, within a few miles of the and abundance of this mineral. It is sometimes called amianthus, and also nountain flax." . . "Bath brick, a polishing brick made of a peculiar kind of clay, a calcareous substance deposited from the river or estuary at and
near Bridgewater in England. The water is conveyed into vats or pits at the high spring tides, and is left there until the clay deposits itself at the
bottom of the vats, when the water is drawn off at jottom of the vats, when the water is drawn off at low tide. It is then he size of common building brick, and are largely imported into the United States. and are used mottly for cleaning table-knives."
Mystery of Edwin Drood. By Charles Dickens. Price, 25 cents
Mad Monkton. By Wilkie Collins. Price, 50 cents. Messrs. T. B. Peterson \& Bros., of Philadelphia, have just issued the

## The Рhotographic World.

This is a new monthly magazine, somewhat similar in character to the Philadelphia Photographer, and is issued by the same publishers, Messrs. Benerman Edward L. Wilson, an able writer and practical photographer. The new magazine contains alarge amount of valuable information relating to the economyand practice of theart to which it is devoted, and will doubtless attain a wide and permanent circulation.
Scribner's Montihly Magazine.
The March number of this new and popular magazine is out, and, as usua ountry contribute to thismonthly. J. G. Holland, the popular author, is its editor. Scribner \& Co., publishers, 654 Broad way, New York.
We are in receipt of Nos. 1 and 2, Vol. II., of the American Journal of Syphilography and Dermatology. Edited by M. H. Henry, M. D., Surgeon to heN ew York Dispensatory Department of Venereal and Skin Diseases, and published by F. W. Christern, No. 77 University Place, New York city. It is an ably conducted quarterly journal, devoted to the dissemination of prounfortunately, far too prevalent. To the profession, this quarterly must possess peculiar interest.
The Seed Catalogee of b. $\mathbf{K}$. Bliss \& Sons, for 1871 , is a valuable work, 138 largc pages. In addition to full information respecting cultivation,
with the names, prices, and descriptions of some two thousand species, it Whso contains over two hundred excellent engravings of flowers, new
varictics of vegetables, etc. Some colored plates are alsogiven. Price 25 varitics of vegetables, etc. Some colored plat
cents. See advertisement in another coly mn.

## Queries.

[We present herew'th a series of inquiries embracing a variety of topics of Jreater or less general interest. The questions are simple, it is true, but we Ireater or less general interest. The questions are simple, it is true, but we
prefer to elic, practical answers from ourr readers, and ho pe to be able to
make this column of inquiries and answers a popular and useful feature of make this column of inquiries and answers a popular and useful feature of the paper.]
1.-Coating for Boat Bottoms.-What is the best material for coating the bottoms of small pleasure boats, used partly in fresh
and partly in salt water? The coating is desired to protect the bottom from and partly in salt water? The coating is desire
fouling and to preserve the wood -A. A. R.
2.-Candle Wicks.-Is there any preparation which will prevent canale wicks from smoking and smelling badly, when the flame is extinguished?-E. D. F.
3.-Ivery Keys.-I have attempted to glue the ivory on to a melodeon key, from which the ivory veneer had loosened. The glue
shows through, changing the color of the sey, and the ivory curls up. How ought I to do this work? - J. H.
4.-Glass Stoppers.-How are glass stoppers ground
5.-Puluerized Soap.-Can hard soap be reduced to a
6.-Fusees.-How are the fusees, used for cigar lighting, ade, and what is the composition used?-L. B.
7.-Key Making.-What sort of machinery is used, to cut the wards in blank keys, in large establishments?
8.-Soldering Fluid.-How can I make a soldering fluid tor soft solder that will work well on iron, brass, or copper, and that will no require t

- $\mathbf{w}$.
9.-Spinning Tin Plate.-Can common tin plate (iron and tin alloy) be spun up successfully, like brass? I do not succeed, though
1 can spin up brass well enough. Can any one help me by advice in this matter?-T. J. K.
10.-Grafting Wax.-Will some one give the best recipe or grafting wax for use early and late in the grafting season ?-J. H. A. 11.-Cement for Glass Syringes.-What is a better cement for the pewter cups of glass syringes than plaster of Paris? These cups, cemented in the ordinary way, come loose when the syringes are used,
and cause greatannoyance. Nearly all the syringes sold for medical use and cause greatannoyance. Nearly all the syringes sold for medical use
are defective in this respect.-P. E. G.
12.-Canned Oysters.-What is the method of canning oysters? Will some one give me the title and publisher of a good work o
food preserving?-J. M.
13.-Bleaching and Coloring Broom Corn.-I wish
14.-Paint for Old Weather-boarding.-I wish a recipe win a recipe coating on old dry weather-boarding or brick-work-W. O. D

