# THE DAH, Y EVENING THE SCHOLES - PHILADERPHIA, TURNAY, PERMIUSES 26, 1867



disposed as to allow of rumination, or the act by which food once chewed is a second time subjected to mastication. In this order are such animals as the ox and sheep. There were also the gnawing animals, as the rodentia, which are well represented by the forms of extinct species. The sloth-like animals, applying to the order of *edentates*, the word signifying "without teeth," although some of these ani-mals have teeth, but incomplete, yet there are others which are entirely without teeth. And others which are entirely without teeth. And the last order of extinct mammals, represented by analogy in their forms to living orders, is that of the *cctaceous*, or whale-like animals. The whales are properly mammals; they are commonly regarded as fish, but they navesome of the striking characteristics exhibited in other lasses of manimals. They have the same organs for the nourish-

ment of the young as the highest in the order; and breathe through the gills, as fishes, yet they have lungs in the cavitles of the chest, and, as in man, separated from the intestines by means of the diaphragm. And though in their struc-ture they are fish-like, and aquate in their habits yet they are true mammals. habits, yet they are true mammals,

Now we will turn to another part of our sub-ject, and examine the geological formation of the earth, for the purpose of ascertaining where these forms of extinct mammals have been found. (Here the Professor exhibited a large diagram, showing the formation of the earth, the various strata of rocks, explaining the dif-ferent formations, giving their scientific divi-sions and sub-divisions, with a view to ascertaining the proof of extinct species of animals, by the discovery of certain parts of their structure.)

Upon the surface of the upper strata of rock we have soil. This soil may be a ploughed field. If we were walking across this field and should observe foot tracks, we should recognize it as a positive fact that somebody had passed over the field before we had. None would deny that a man had passed over the field if he saw the footpripis before him. Now if, in passing over this field, he should pick up from among the furrows an airow-head of stone, or a bone, he would recognize them, and look upon them as relics of races which had disappeared from the land

If, upon digging into the rock, beneath the strata of sandstone, he found a bone or shell or tooth which was quite different from any in the vicinity, he would took upon them as remains of animals which had long disappeared and had become extinct. If in a second stratum of rock he found shells and bones differing from those above, he would conjecture that they belonged to another race entirely distinct, which had preceded the race of animals that had existed in the formation of the differthat had existed in the formation of the differ-ent strata above. And so in succession, if he would find fossils in the various invers of rocks, he would recognize them as different from those above. And if he should see fossils in inclined rocks he would know them to be the remains of animals that had existed long anterior to all those he found in the regular succession of strata; because it is evident that these rocks, inclining upon the others, had been rent and thrown up by some great up-heaval, which is constantly going on in difheaval, which is constantly going on in dirferent portions of the earth, and consequently such rocks by this force would be lifted from the depths, or made to incline by the rupture. And it is evident, too, that these rocks must have once been horizontal, and consequently those above them, too. We trace the succession of animal life from the present order into the past, through one rock into another. It is only nowever, in the most superficial rocks that we find extinct mammals, the lowest of the order and classes of animals that appeared upon the surface of the earth. The universal impression is that the interior

of the earth is a molten mass; and we have plainly evident, communicating with this molten mass in the centre of the earth, the flues out of which is forced the melted matter which, by accumulation, forms our volcances.

by accumulation, forms our volcances. Here a lengthy and minute detail of the geo-logical formation of the earth was given by the Professor, aided by the use of drawings, etc. In the coal-fields of Virginia and North and South Carolina, many forms of the lower law of what we know as insect caters, of the genus insectitors, have been found, the size of which was not larger than one's little finger. This is the only mammal ever found in this country that belonged to any of the rocks below the *leritary* strata, which are a series of sedimentary rocks which lie above the primary and second-ary strata, and are distinguished from them by their organic remains.

York. Now it is almost as common a sight as in those cars. Newsboys throng our thorongh-fares with their papers—in Turkish, in French, in Greek, in Armenian, etc. We have at least ten daily papers published at Constantinople. Their standard of journalism is not very high, and yet they serve to stir and direct the thoughts of men. Their influence upon public opinion is quite as decided as in England and America."

Venetian Newspapers.

Newspapers have risen so rapidly in Venice since it has been released from Austrian rule, that the type-founders of Milan cannot supply the printing offices last enough. The morning that Baron Ricasoli's despatch arrived a Daniele Manin made its appearance; later in the day came the Coriere della Venezia; then the Rinonumento, a revival of It Tempos. These were dailies. Others appeared semi-occasionally, as the Giornate de Padica, which, strangely enough, makes Venice its headquarters, and a second Daniele Manin, which declares that it has no connection with the other party of the same name, and might well take for its motio the line of Shakespeare:---"A Daniel come to judgment."

#### Another Historical Fable.

William Tell, the Swiss patriot, has followed Pocabontas into the regions of fable. A Mr. Baring S. Gould, Master of Arts, has applied his scholarly energies to the work of proving Tell a myth, and that his story is no more than a feeble copy of one which has been re-peated regarding men of many lands, remote from each other, during the past eight centuries or more. On the fact that the same story as Tell's was current tar antecedent to the date of popular one, rests Mr. Gould's theory that William Tell is not a historical character. Does any one believe that there were such perso Wallace, Bruce, Jahn Knox, or Martin Luther?

TO CONTRACTORS AND MINERS .- THE Commissioners on the Troy and Greenfield ital-d and Hoosse Tunnel, acting for the State of Mas-

road and Hoosac Tunnel, acting for the State of Mas-sachusetts, invite Proposals, until the 10th day of March next, for Excavating said Tunnel at three different sections of that work. This Tunnel, when completed will be about 4% miles in length, extending from the lown of Florida, through the Hoosac Mountain, to the town of North Adams.

The Kastern End has been penetrated from the grade of the Kallroad s50% etc. 340 feet of which con-sist of an opening of about 10 cmble yards to each lineal food, the same to be enlarged to a section con-taining about 7 cubic yards to each foot; the remain-ing 100 feet being heading-now measuring upon an average 4 cubic yards per running foot-to be enlarged to the tuli section; making some 35,000 cubic yards to be removed.

to the full section; making some show that it is be removed. A further section of the work will also be let to the successful blader for the above-named enlargement, if autisfactory terms shall be offered. The *Western End* is worked from a shaft 318 feet deep. The east riv heading from this shaft—of about six cubic yards to each lineal foot—extends the feet and is to be enlarged to a section containing 17 yards per foot, requiring the removal of 12,000 cubic yards. Bids for that amount, and for an extension in either direction of the leading and enlargement at this point, will be received.

lifection of the heading and enlargement at this point, will be received. The Central End of an elliptical form, 27 to 15 feet, now 460 feet in denth, is to be sunk to grade, 1020 feet from the surface, requiring the removal of about 9000 All the work to be done is in Talcose Slate,

will require neither masonry nor supports of

kind. Bolidibus, machinery, and means of ventilation, all of the most subshift in the character, have been provided, and will be furnished to contractors. Ample surelies will be required from parties who may be contracted with and the Commissioners re-serve the right to reject all offers that may be made. Plaus and specifications may be seen on applica-tion to ALVAH CRUCKER, at the Engineer's Office, North Adams, Massachusacts, and other information may be obtained from JAMES M. SHUPPE, Room No 10, No. 12 Exchange street, Boston, to whom pro-posals may be directed.

10, No. 13 Exchange street, Boston, to whom pro-posals may be directed. JAMES M. SHUTE, ALVAH CROCKER, CHARLES HUDSON, 160 Commissioner Boston January 30, 1867

STOLEN, ON THE STH INST., CERTIFICATE STOLEN, UN THE OLD INST. CERT Company, dated October 25, 1866, for finy shares stock in name of Annie L. Atlees also, Certificate No. 351 of Maryland Gold Mining Company, dated August 31, 1866, for 109 shares stock in name of Edwin A. Atlees. EDWIN A. ATLEE, 222 ftust No. 44 N. FIFTM Struct.

eight hundred and sixty-seven, shall have been paid.

Section 8 That all existing laws or nortions thereof, inconsistent herewith, are hereby repealed.

JOHN P. GLASS, Speaker of the House of Representative L. W. HALL,

Speaker of the Senate. Approved the second day of February, one thousand eight hundred and sixty-seven. JOHN W. GEARY.

JOHN W. GEARY. In accordance with the provisions of the above act of Assembly, sealed proposals will be received at the Office of the State Treasurer in the city of Harrisburg, Pennsylvania, until 12 o'clock M., of the 1st day of April, A. D. 1867, to be endorsed as follows:—"Proposals for Penn-sylvania State Loan," Treasury Department, Harrisburg, Pennsylvania, United States of America. America.

Bids will be received for \$5,000,000, reimbursable in five years and payable in ten years, \$\$,000,000, reimbursable in ten years, and payable in fifteen years; and \$10,000,000, reimbursable in fifteen years and payable in twenty-five years. The rate of interest to be either five or six per stated in the bid, and the bids most advanta-geous to the State will be accepted. No bid for less than par will be considered. The bonds will be issued in sums of \$50, and such higher sums as desired by the loaners, to be free from

State, local, and municipal taxes. The overdue bonds of the Commonwealth of Pennsylvania will be received at par in pay-ment of this loan, but bidders must state whether they intend to pay in cash or in the overdue loans aforesaid.

No distinction will be made between bidders paying

N. B.

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COTS 1 per ani Compa Thes of the

stock s the five

g in cash or overdue loans.	CAPE
JOHN W. GEARY, Governor of Pennsylvania.	CAPE
JOHN F. HARTRANFT, Auditor-General W. H. KEMBLE, State Treasurer, -No newspaper publishing the above, authorized, will receive pay. 27	Jos. T. Balle Edw. B. Orn Nathan Hill
EN PER CENT	
ST MORTCACE BONDS.	
'Hamilton Gold and Silver	
lining Company of Nevada.	Carte
Company, based upon a large and valuabl ty in the Mammoth and North Union Districts, bunty, state of Nevada, offer Honds having five to run, bearing interest at the rate of ten per cent, num, payable hail yearly at the office of the ny.	
e securities form a first claim en the entire asset Company, and are exchangeable for ordinar at the option of the holder at any period durin	OLD SHING FD WITH And coate
s years particulars and turiber information, apply to the arry or the Managing Director at the Omegaf he	PAINT, mal GRAVEL R

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WILLIAM PAINTER & CO., BANKERSI	Assets, Januarv 8, 1867, \$1,763,267.33. INSURES MARINE, INLAND TRANSPORTATION and FIRE RISES
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CONVERTED INTO FIVE-TWENTIES And the Difference in Market Price Allowed.	CHABLES PLATT, Secretary. WILLIAM BUEHLER, Harrisburg, Pa., Central Agent for the State of Pennsylvania.
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CAPITAL, \$500,000-FULL PAID.	Total Premiums Received by the
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