

IMPRISONED FROGS AND TOADS.

The imprisonment of frogs and toads in stone is much more remarkable than that in the trunk of trees, even if we believe only a modicum of the narratives published on the subject. The statements are unmistakable, and are made in all good faith, that living frogs and toads are occasionally thus imbedded, and that exact impressions of their bodies corresponding to their respective sizes, are left in the cavities of the stone where they are found. Chatsworth is credited with once having had (we do not know whether it still exists) a marble chimney-piece with a print of a toad in it; there was a traditional account of the manner in which it was found. The *Mining Journal* contains an account of a discovery made by a miner at Pen-y-Caran, near Merthyr-Tydfil. When working at a depth of forty-five feet, his mandrel struck into a piece of shale; a frog, large but weak, leaped out and crawled along the ground with some difficulty; the eyes were full-sized, but apparently sightless; the mouth seemed as permanently closed, and the spine was twisted as if it had been compelled to adapt itself to a narrow and ill-shaped space. The frog, when liberated, grew in size and weight, but could not be fed; he appeared to breathe through the skin covering the lower jaw. We certainly cannot blame Ellis, the miner, from exhibiting his prodigy to admiring visitors at a public-house in Merthyr; and considering the intensity of popular belief on this subject, we must view indulgently his inscription: "The greatest wonder of the world! a frog found in a stone forty feet below the surface of the surface of the earth, where it has been living without food for the last five thousand years!"

The first question is now how much of these narratives to believe; and the second, how to account for so much as we do believe. That frogs live to a great age, that they are liable to endure long abstinence, that their power of hibernation is something extraordinary, and that the skin has the property of acting upon the atmosphere in such a way as to fulfill in some degree the function of the lungs, are facts admitted by naturalists. The toad, also, when kept in a dark place, can live for several months without food of any kind. Smellie, while cautiously abstaining alike from positive belief and absolute incredulity, recommended observant men to attend to such a possible explanation as the following: "In the rocks there are many chinks as well as fissures, both horizontal and perpendicular, and in old trees nothing is more frequent than holes and vacancies of various dimensions. Through these fissures and vacancies the eggs of toads may be accidentally conveyed by water, the penetration of which few substances are capable of resisting. After the eggs are hatched, the animals may receive moisture and small portions of air through the crevices of rocks or the channels of aged trees. But," he modestly adds, "I mean to persuade, for I cannot satisfy myself."

Mr. Broderip, the naturalist, does not admit the probability of Smellie's conjecture concerning the conveyance of frog's eggs by water. No one now doubts that frogs, toads, snakes, and lizards really do issue occasionally from rock broken in a quarry, hard stone loosened in well-sinking, and coal or shale dug in a colliery; but the question is whether the substances were really solid and impassable to air and moisture. The late Dr. Buckland remarked that "the evidence is never perfect to show that the reptiles were entirely inclosed in solid rock. No examination is made until the reptile is first discovered by the breaking of the mass in which it was contained, and then it is too late to ascertain, without carefully replacing every fragment (and in no case that I have seen reported has this ever been done,) whether or not there was any hole or crevice by which the animal may have entered the cavity from which it was extracted. Without previous examination it is almost impossible to prove that there was no such communication."

Dr. Buckland, to test the matter in some degree, made some remarkable experiments. He caused twelve circular cells or cavities to be cut in a large block of oolite limestone, with provision for an air-tight glass

cover to each cell. Twelve other cells were cut in a block of silicious sandstone. Twenty-four live toads were put into the cells, one in each, the covers fastened down air-tight and the blocks of stone buried three feet deep in a garden. They were left undisturbed for twelve months, at the end of which time the cells were opened. All the toads in the sandstone rock were dead, but most of those in the oolite (the cells of which were larger) were still living. Some had lessened in weight, some had increased. But as a few of the plates of glass were found cracked, it was deemed possible that minute insects might have entered. The living toads were left alone for another twelve months, at the end of which time all were dead. Seen through the glass covers, the poor fellows seemed to be always awake, with open eyes. Perhaps they were marveling what crime of their had subjected them to a sentence of two years' solitary confinement.

To sum up; the best naturalists now agree that, however wonderful the ascertained phenomena really are, frogs and toads cannot live one year without air, nor probably two years without food.—*Harper's Weekly.*

Householders.

Send in your names, and if you are unable to pay in advance we will send you the *INDEPENDENT* and wait on you a year. To clubs of five we will send the *INDEPENDENT* for one year for \$10; and for clubs of ten or more we will send the *INDEPENDENT* one year for \$20 00 with an extra number to the getter up of the club.

OFFER FOR SALE MY PROPERTY in Forest Grove, consisting of a house and 75x148 feet of land in Lot No. 1 of Block No. 3, in Forest Grove. Said property I will sell subject to a mortgage of \$250 with interest which expires Nov. 4, 1874, and \$250 cash in hand. This property is situated in the heart of the town and is a valuable site for a fine dwelling.

For further particulars inquire of STEPHEN BLANK of Forest Grove, or H. B. LUCE, Hillsboro, Or.

Important Notice.

The *INDEPENDENT* has the sole right of publishing litigant printing for Washington county and contains all the news of our County Courts and all the home news, which no other paper publishes, therefore every man in the county needs the *INDEPENDENT* and should immediately subscribe for it.

Executor's Notice.

NOTICE IS HEREBY GIVEN THAT the undersigned has filed his final account as Executor of the last will and testament of H. E. BONES, Dec'd in the County Court of the State of Oregon for Washington County, and that THURSDAY after the first Monday in January, A. D. 1875, at 10 o'clock a. m. has been set for the final hearing of said matter.

S. A. HOLCOMB.

Notice of Administrator.

THE UNDERSIGNED HAVING BEEN appointed by the County Court of the State of Oregon for Washington County Administrator of the estate of G. M. Raymond deceased, all persons having claims against said estate are hereby notified to present them to the undersigned at the office of Thos. H. Tongue in Hillsboro, Washington county, Oregon, with the proper vouchers within six months from the date hereof.

THOMAS W. SAINE, Hillsboro, Dec. 3d, 1874.

APPLETON'S AMERICAN CYCLOPEDIA.

Entirely rewritten by the ablest writers on every subject. Printed from new type, and illustrated with Several Thousand Engravings and Maps.

The work originally published under the title of THE NEW AMERICAN CYCLOPEDIA was completed in 1863, since which time the wide circulation which it has attained in all parts of the United States, and the signal developments which have taken place in every branch of science, literature, and art, have induced the editors and publishers to submit it to an exact and thorough revision, and to issue a new edition entitled THE AMERICAN CYCLOPEDIA.

Within the last ten years the progress of discovery in every department of knowledge has made a new work of reference an imperative want. The movement of political affairs has kept pace with the discoveries of science, and their fruitful application to the industrial and useful arts and the convenience and refinement of social life. Great wars and the signal revolutions have occurred, involving national changes of peculiar moment. The civil war of our own country, which was at its height when the last volume of the old work appeared, has happily been ended, and a new course of commercial and industrial activity has been commenced.

Large accessions to our geographical knowledge have been made by the indefatigable explorers of Africa. The great political revolutions of the last decade, with the natural result of the lapse of time, have brought into public view a multitude of new men, whose names are in every one's mouth, and of whose lives every one is curious to know the particulars. Great battles have been fought and important sieges maintained, of which the details are as yet preserved only in the newspapers or in the transient publications of the day, but which ought now to take their place in permanent and authentic history.

In preparing the present edition for the press, it has accordingly been the aim of the editors to bring down the information to the latest possible dates, and to furnish an accurate account of the most recent discoveries, in science, of every fresh production in literature, and of the latest inventions in the practical arts, as well as to give succinct and original record of the progress of political and historical events. The work has been begun after long and careful preliminary labor, and with the most able resources for carrying on to a successful termination.

None of the original stereotype plates have been used, but every page has been printed on new type, forming in fact a new Cyclopaedia, with the same plan and compass as its predecessor, but with a far greater pecuniary expenditure, and with such improvements in its composition as have been suggested by longer experience and enlarged knowledge.

The illustrations which are introduced for the first time in the present edition have been added not for the sake of pictorial effect, but to give greater lucidity and force to the explanations in the text. They embrace all branches of science and of natural history, and depict the most famous and remarkable features of scenery, architecture, and art, as well as the various processes of mechanics and manufactures. Although intended to illustrate rather than embellish, no pains have been spared to insure their artistic excellence; the cost of their execution is enormous, and it is believed they will find a welcome reception as an admirable feature of the Cyclopaedia, and worthy of its high character.

This work is sold to subscribers only, payable on delivery of each volume. It will be completed in sixteen large octavo volumes, each containing about 800 pages, fully illustrated with several thousand Wood Engravings, and with numerous colored Lithographic Maps.

Price and Style of Binding.

| | |
|--|--------|
| In extra Cloth, per vol. | \$5.00 |
| In Library Leather, per vol. | 6.00 |
| In Half Turkey Morocco, per vol. | 7.00 |
| In Half Russia, extra gilt, per vol. | 8.00 |
| In Full Morocco, antique, gilt edges, per vol. | 10.00 |
| In Full Russia, per vol. | 10.00 |

Four volumes now ready. Successing volumes, until completion, will be issued once in two months.

*Specimen pages of the AMERICAN CYCLOPEDIA, showing type, illustrations, etc., will be sent gratis, on application.

First-Class CANNING AGENTS WANTED Address the Publishers,

D. APPLETON & CO.,
519 & 551 Broadway, N. Y.

SHERMAN & HYDE'S COLUMN

PIANOS! ORGANS! MUSIC.

Sherman & Hyde
COR. KEARNY & SUTTER STREETS, San Francisco.
WHOLESALE AND RETAIL DEALERS IN
HEET MUSIC, MUSICAL INSTRUMENTS and MUSICAL MERCHANDISE.



SHERMAN & HYDE,
Pacific Coast Agents.
THE UNRIVALED

WEBER PIANO.

By the Superiority of its Tone, combining Great Power, Richness, Sweetness and Fine Singing Quality, as well as Great Purity of Intonation and Harmoniousness throughout the entire scale, it is fast driving almost all other Pianos from the Concert Room, and fully explains how WEBER shows an increase of 20% per cent., and yet cannot supply the demand.

AGENTS WANTED, in every county in the State, for the Celebrated

Standard Organs

Volume & Purity of Tone,
Beauty of Case,
Superiority of Workmanship,
Elegance of Finish,
and Durability
ARE UNRIVALED.

Sherman & Hyde's

PIANO,

Is the only **FIRST CLASS INSTRUMENT** sold for

\$400

The Square Pianos are 7 1/2 octave, and embrace all Modern Improvements, such as Elegant Rosewood Case, Beautiful Mouldings, Full Iron Frame, Carved Legs, and Lyre, Over-string Bass, Agraffe Treble, etc. Length, 6 feet 10 inches; Width 3 feet 8 inches, and

ARE FULLY WARRANTED

FOR TEN YEARS.

We keep constantly on hand a good assortment of

Reliable cheap PIANOS,

7 1/2 Octave, Agraffe Treble

MADE FROM THE BEST SEASONED MATERIAL, AND

FULLY WARRANTED.

PRICES AS LOW AS WORTHLESS PIANOS CAN BE OBTAINED ELSEWHERE.

PIANOS AND ORGANS

SOLD ON EASY INSTALLMENTS, IF DESIRED.

CALL AND SEE US BEFORE PURCHASING.

Sherman & Hyde

To the Unfortunate

New Remedies! New Remedies!



DR. GIBBON'S DISPENSARY,
623 Kearney St.,
Corner Commercial & SAN FRANCISCO.

Established in 1851, for the treatment of Sexual and Seminal Diseases, such as Gonorrhoea, Gleet, Stricture, Syphilis in all its forms, Scrophulous Weakness, Impotency, etc. Skin diseases (of years standing) and Ulcerated Legs, successfully treated.

DR. GIBBON has the pleasure of announcing that he has returned from visiting the principal Hospitals of Europe, and has resumed practice at his Dispensary, 623 Kearney street, corner of Commercial, San Francisco, where his old patients and those requiring his service may find him.

The Doctor has spared neither time nor money in seeking out new remedies, and has returned with increased facilities for the alleviation of human suffering.

Feminal Weakness.
Seminal emission, the consequence of self-abuse. This solitary vice, or depraved sexual indulgence, is practiced by the youth of both sexes to almost unlimited extent, producing with unerring certainty the following train of morbid symptoms, unless counteracted by scientific medical measures, viz: Sallow countenance, dark spots under the eyes, pain in the head, ringing in the ears, noise like rustling of leaves and rattling of chariots, uneasiness about the loins, weakness of the limbs, confused vision, blunted intellect, loss of confidence, diffidence in approaching strangers, a dislike to form new acquaintances, a disposition to shun society, loss of memory, hectic flushes, pimples and various eruptions about the face, furred tongue, foetid breath, coughs, consumption, night sweats, monomania and frequently insanity. If relief be not obtained the sufferer should apply immediately either by person or by letter, and have a cure effected by his new and scientific mode of treating this disease, which never fails of effecting a quick and radical cure. Dr. G. will give one Hundred Dollars to any person who will prove satisfactorily to him that he was cured of this complaint by either of the San Francisco quacks.

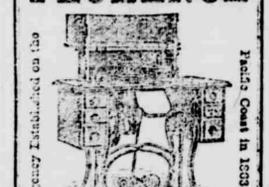
Cured at Home.
Persons at a distance may be CURED AT HOME by addressing a letter to Dr. Gibbon, stating cases, symptoms, length of time the disease has continued, and have medicines promptly forwarded, free from damage and curiosity, to any part of the country, with full and plain directions for use.

Persons writing to the Doctor will please state the name of the paper they saw this advertisement in.

By enclosing \$10 coin, in a registered letter through the Post Office, or through Wells, Fargo & Co., a package of medicine will be forwarded to any part of the Union.

All correspondence strictly confidential.
Address: DR. J. F. GIBBON, Kearney St., San Francisco. Postoffice Box 1,357.

THE NEW IMPROVED FLORENCE



THE LIGHTEST RUNNING, MOST SIMPLE, AND MOST EASILY OPERATED SEWING MACHINE IN THE MARKET.
Always in Order and Ready for Work.

If there is a FLORENCE MACHINE within one thousand miles of San Francisco not working well, I will fix it without any expense to the owner.

SAMUEL HILL, Agent,
No. 19 New Montgomery Street,
GRAND HOTEL BUILDING,
SAN FRANCISCO.

L. P. FISHER,

Advertising Agent,

Rooms No. 20 and 21, Merchant's Exchange, California Street, San Francisco.

SOLICITS ADVERTISEMENTS AND subscriptions for the Forest Grove Independent and for papers published in California, Oregon and Nevada; Washington, Utah, Idaho, Montana, Colorado and adjacent Territories; San with Islands, the British Possessions, Mexican Ports, Nicaragua, Panama, Valparaiso, Japan and China; New Zealand and the Australian Colonies, the Atlantic States and Europe.

Has created many a new business;
Has enlarged many an old business;
Has revived many a dull business;
Has rescued many a lost business;
Has saved many a failing business;
Has preserved many a large business;
And insured success in any business.

GIARD'S SECRET.—Stephen Girard used to say, in his old age: "I have always considered advertising liberally and long to be the great medium of success in business, and the prelude to wealth. And I have made it an invariable rule to advertise in the duldest times as well as the busiest; long experience will tell you, as by continually keeping my business before the public it has secured many sales that otherwise would have been lost."

The man who didn't believe in advertising has gone into partnership with the sheriff, and that official does the advertising.

National Business College

PORTLAND, OREGON,
Affords advantages for the thorough and practical Business Education of young and middle-aged men. Send for College Paper, by DEFRANCE & WHITE.

SUBSCRIBE! SUBSCRIBE!!

for the

WASHINGTON INDEPENDENT

A Journal devoted to the interests of Washington County and of the State.

The *INDEPENDENT* owes allegiance to no party but the party of PROGRESSIVE IDEAS and REFORM; is controlled by no Clique, Faction or Monopoly; but is the fearless and outspoken ADVOCATE of the PEOPLE.

\$2 50 a Year

NOTICE—The INDEPENDENT has the sole right of doing the

LITIGANT PRINTING

for Washington County and is therefore invaluable to all of our citizens

JOB PRINTING DONE TO

ORDER