

SCIENTIFIC MISCELLANY.

(Written especially for the Gazette by a celebrated Eastern Scientist.)

An enormous quantity of water passes through the roots of plants. An English experimenter has ascertained that for every pound of mineral matter assimilated by a plant an average of 2,000 pounds of water is absorbed.

According to Dr. Quesneville, water has been kept in a potable condition for more than three years by adding to it half a grain of salicylic acid.

Prof. Leidy has related the case of the sudden death of a cow, which was milked one night (when it appeared perfectly well) and died the next morning.

"Human languages," says Mons. Julien Vinzon, "appear to have grown like trees in a wood, which in the first stage are as numerous as possible but are soon reduced to a few individuals."

The locality of one original home of the potato is settled by Mr. John G. Lemmons discovery—last season of this plant in the mountains of Arizona.

Mr. A. H. Keane has described Krao, a seven-year-old female child now at the London Royal Aquarium, who is sensationally claimed by her exhibitor to be the long sought "missing link" between man and the higher apes.

If half what is often said in church disputes by members of each other were true, it would be evidence that such persons are out of place in any church.

Five times as many kinds of insects are estimated to exist as there are species of all other living creatures together. Four hundred and fifty species are fostered by the oak tree alone, and two hundred by the pine.

That the keeping of plants in ill-ventilated rooms may cause malarious infections is proved in non-malarious regions is pointed out by Prof. Crudelelli, of Rome.

was quickly cured when her plants were removed from the room in which she was living. It is stated that the unwholesome influence is not exerted by the plants themselves, but by the damp earth in which they are grown.

In 1868, Messrs. Christat and Kieffer showed that minute organisms existed in cases of glanders. To prove them to be the cause of the disease, however, it was necessary to produce glanders by means of the organisms when cultivated outside the animal body.

In European remains Mr. H. W. Jackson has found evidence that the man of prehistoric days was afflicted by toothache, abscess of the jaw, rheumatic ulceration, and many other diseases not materially different from those which attack modern humanity.

DAMAGING DISAGREEMENTS.

It is undoubtedly true says the Cincinnati Gazette, that, considering the number of churches in the country, there is as much harmony as in other associations; yet it is true also that disagreements in religious organizations are often bitter and hard to reconcile.

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other, they would accomplish most for the general cause by suspending business altogether.

The organization of which it can not be truly said, "See how these people dwell together in unity," is not a progressive or effective organization, but the reverse.

If church people who feed scandal would think over these matters carefully, it would be well for the church and for society also.

GIRLS, BE CAUTIOUS.

Girls, beware of transient young men. Never suffer the address of strangers. Recollect one good, steady farmer's boy or industrious mechanic is worth more than all the floating trash in the world.

The College Journal, containing information of the course of study, when to enter, time required, cost of board, etc., and of ornamental penmanship, from the pen of Prof. Wasco, sent free.

"A fellow must sow his wild oats, you know," exclaimed the adolescent Johnnie. "Yes," replied Annie, "but one shouldn't begin sowing so soon after erasing."

Some time ago we purchased a new mailing machine but until recently we have not had time to set up type for and arrange the mailing list.

All persons desiring extra numbers of the GAZETTE while our articles descriptive of Benton county giving the names of taxpayers, etc., are being published, will please leave or send their orders to the office immediately so that we may be able to know how many extras to print.

Legal blanks furnished at this office on short notice at less than San Francisco prices.

Real Estate for Sale. Will sell a farm of 473 acres for less than \$18 per acre, being one of the choicest and best farms in Benton county.

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REASONABLE CHARGES FOR WIRE. Particular Attention Paid to Boarding Horses.

STEAM POWER! Chinaman must go—its cheap to use steam and out cost. Your wood will burn better and last longer if you get

JOHNNY MOORE'S STEAM SAW a hold of your wood. Try it and you won't have any other. He is always ready.

PUR POLES FOR FENCING. They make a very lasting fence. Commence now and cut your poles and pile them in piles or rack them and come and see our

PILE DRIVER to be used on the Willamette river and will in a few days be ready to drive piles any where along the Willamette river.

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SOCIETIES.

A. F. AND A. M. Corvallis Lodge, No. 14, A. F. and A. M., meets on Wednesday evening, on or preceding full moon.

Valley Lodge, No. 11, K. of P., meets every Monday evening. W. P. KEADY, K. R. S.

BAPTIST CHURCH SERVICES.—Preaching every second and fourth Sabbath in each month at the College Chapel, by the Rev. F. P. Davidson.

EVANGELICAL CHURCH.—Services regularly every Sabbath—morning and evening, unless otherwise announced.

WHY WILL YOU cough when Shiloh's Cure will give immediate relief. Price 10 cts. each, and \$1 at T. Graham.

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Dr. Young's Female Remedies have attained a reputation for efficiency unequalled by any medicine or medical prescription ever offered.

LETTERS. Those who cannot visit the city can by giving the symptoms in their own way, receive advice, and, if desired, treatment at home with every assurance.

DR. J. C. YOUNG, Medical Institute, No. 7 Stockton St. San Francisco, Feb. 21, 1882.

PATENTS. Obtained, and all business in the U. S. Patent Office, or the Courts attended to for MODERATE FEES.

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HAVING COMPLETED my new and commodious STABLE, I am better than ever prepared to keep the BEST OF TEAMS, BUGGIES, CARRIAGES.

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