

The Democrat.

Experiments communicated to the French Academy indicated that disease microbes may be not only attenuated until entirely harmless, but may be revived by degrees and given the most virulent character.

The acuteness of taste, smell and hearing in criminals has been found by Italian observers to be below the average. Sig. Gradenigo explains the inferiority by unhygienic living and vicious habits.

Since 1870 the cigar industry has steadily increased at Key West, until now the town boasts of 150 cigar manufactories, employing 9000 Cubans and Americans, which last year shipped \$0,000,000 cigars, and this year may be expected to produce \$10,000,000.

Among those who have worked out the problem of procuring aluminum by electrolysis M. Minet is one of the most successful. The electrolyte used by him is a mixture from thirty to forty per cent. of cryolite with from sixty to seventy per cent. of common salt.

The recent discovery by a New England chemist of a cheap method of dissolving zinc by combining it with hydrogen is regarded as a most valuable one. The product is a solution called zinc-water, and has the property of making wood to which it has been applied absolutely fireproof, and at a very low cost.

A German experimenter has found that the human eye is more sensitive to green rays of light than to red rays, and to red more than to blue rays. Since the red rays are those of longest wave length, and the blue those of shortest wave length, it follows that the eye is most susceptible to the rays of medium length.

The Canadian Government keeps pushing forward its surveys into what is known as the old Hudson Bay territory. The Mackenzie River has been found to be a far larger body of water than formerly supposed. More accurate surveys as regards the size of some of the great lakes of those regions are being made.

The trials of Mormons at Salt Lake City are bringing to light the abominable secrets of a church that, while professing loyalty, has for forty years been plotting how to destroy this Government. It is certain that those who have taken the endowment house oaths cannot become good citizens. By this oath they renounce all allegiance save to the Mormon hierarchy, and swear to avenge on the whole American people, from President down, the deaths of Joseph and Hyram Smith, the first apostles of the new church. But the fact that at least those who have been held by fear of the hierarchy are now finding courage to testify show that its power is broken. The gentle element in Salt Lake City is all the time gaining, and must soon be dominant.

IS IT SAFE GROUND.

In his desire to win the approval of all the Republicans in the country Mr. Harrison has made the mistake of taking the Chicago platform seriously and imagining that the Republican party in power is as harmonious as the Republican party out of power was in supporting the preposterous declarations of that document.

He says, for example, that in legislating on the tariff "the protective principle should be maintained and fairly applied to the products of our farms as well as of our shops." That means the increase asked for by the wool men in the duty on wool. But the constituencies of a good many New England members of Congress want free wool, and will certainly never consent to an increase in the tax on that raw material.

Again, the utterance means uncompromising hostility to any reduction of duties on those necessities of life which are the "products of our shops." But a large proportion of the Republicans of the Northwest insist upon some relief in that direction.

Their representatives were dragged— with a single exception—into opposition to the Mills Bill; they were impressed with the necessity of party harmony and they knew that the bill could in no case pass the Senate. But it will be quite another thing to whip them into the support of the policy of taxing necessities now that their party is in power in both houses and their votes are determinative of actual legislation.

Apparently Mr. Harrison has not been as successful in his search for perfectly safe ground as a President desirous of "blessing himself" with a second term may be presumed to wish.

Crawford & Paxton

Leading Photographers Albany Oregon.

We have bought all the negatives made by L. W. Clark and W. H. Greenwood up to Nov 15th, 1889. Duplicates can be had from them only of us at reduced rates. We have also about 15,000 negatives made by ourselves, from which duplicates can be had at like rates. We carry the only full line of views of this state and do enlarged work at lowest rates for first class work. We shall be pleased to see you at our Studio in Frouman's block, next door to Masonic Temple.

The remarkable fact was discovered that in canal and rivers the "micro organisms" slowly subside. The water of the Thames yielded 500 colonies per drop close to the bottom. At Sanbury there were found in a sample which was taken above some black mud no less than 280,000 colonies per drop. But in the sea water round the South coast of England the organisms are more numerous near the surface. Samples taken off the old pier at Brighton in July were found to yield 750 colonies per drop on the surface, and only ten at the bottom. The water supplied to London by the Middlesex and Grand Junction companies varied in purity according to the season. In May a drop contained seven germs, in July forty five and in November three. These are remarkable facts.

BANK.—One of the finest lots of guns and revolvers ever received in Albany are now in stock at Stewart & Sox's. Hunters should call and see them and get prices before buying.

NEW ADVERTISEMENTS.

DISSOLUTION NOTICE.—Notice is hereby given that the copartnership heretofore existing between Geo. C. and Edward Will, under the firm name of Will Bros., has been dissolved. Geo. C. Will retiring. Accounts should be paid to the old firm, by whom all debts will be paid. The new firm, Will & Link, will continue business at the old stand. **WILL BROS.**

ART.

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FOR RENT.—Two furnished rooms to let. Inquire at this office.

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The undersigned having purchased the old Herman Restaurant stand has opened under the above name a first-class restaurant. We are prepared to furnish meals for parties or dances on short notice. Orders served in every style, eastern or coast; all kinds of fish known in the market. Employ only first-class help, and waiting will be prompt and courteous. Regular meals 25 cts. Coffee of first-class quality and a cup of coffee and cake at from 5 to 10 cts. I am well known in this city and request the citizens to give me a call.

SAM GOETS, Proprietor.

Stockholder's Meeting.

Notice is hereby given that there will be a meeting of the Stockholders of the Lin County Agricultural Association held at the Court House in Albany, Oregon, on Thursday, the 2nd day of January 1890, for the purpose of hearing reports of officers and also for the purpose of electing seven directors to serve for said association the ensuing year and for the transaction of any other business that may come before said meeting. Dated this 30th day of Nov. 1889. **C. P. BUNKART,** Stockholder.



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