

the final statement of the Commission, which, from the very nature of the case, it has not been possible to complete at this time. I am in full sympathy with the general conclusions of the Commission in substance and in essence, and I commend its recommendations to your earnest and favorable consideration. The existing conditions, as set forth in this report, seem to require a radical revision of most of the laws affecting the public domain. If we are to secure the best possible use of the remaining public lands by actual home makers.

THEODORE ROOSEVELT.

The White House, February 13, 1905.
February 13, 1905.—Read; referred to the Committee on Public Lands and ordered to be printed.

SYNOPSIS OF REPORT.

1. This report is based on a broad general view of the public-land situation, not on special cases.
2. The present laws are not suited to meet the conditions of the remaining public domain.
3. The agricultural possibilities of the remaining public domain are unknown. Provisions should be made to ascertain them, and pending such ascertainment, to hold under Government control and in trust for such use lands likely to be developed by actual settlers.
4. The right to exchange lands in forest reserves for lands outside should be withdrawn. Provision should be made for the purchase of needed private lands inside forest reserves, or for the exchange of such lands for specified tracts of like area and value outside the reserves.
5. The former recommendation for the repeal of the timber and stone act is renewed and emphasized.
6. The sale of timber from unreserved public lands should be authorized.
7. The commutation clause of the homestead act is found on examination to work badly. Three years' actual residence should be required before commutation.
8. The desert-land law is found to lead to land monopoly in many cases. The area of a desert entry should be reduced to not exceeding 160 acres. Actual residence for not less than two years should be required, with the actual production of a valuable crop on one-fourth the area and proof of an adequate water supply.
9. After thorough investigation of the grazing problem your Commission is opposed to the immediate application of any rigid system to all grazing lands, but recommends the following flexible plan:
 - (a) Authority should be given to the President to set aside grazing districts by proclamation.
 - (b) Authority should be given the Secretary of Agriculture to classify and appraise the grazing value of lands in these districts; to appoint such officers as the care of each district may require; to charge and collect a moderate fee for permits, and to make and apply appropriate regulations to each district, with the special object of bringing about the largest permanent occupation of the country by actual settlers and home seekers.
10. The fundamental fact that characterizes the situation under the present public-land law is this, that the number of patents issued is increasing out of all proportion to the number of new homes.

Second Partial Report of the Public Lands Commission.

Sir: This Commission, appointed October 22, 1903, to report upon the condition, operation and effect of the present land laws, and to recommend such changes as disposition of the public lands to actual settlers who will benefit permanent homes upon them, and to secure in permanence the full



A Fake Irrigation Reservoir and Ditch supposed to Reclaim Two Desert Entries near Great Falls, Montana.

A Desert Claim in Eastern Washington.—No Visible Water Supply.

most and most effective use of the resources of the public lands, submitted to you a partial report, dated March 7, 1904, which was printed as Senate Document No. 188, Fifty-eighth Congress, second session. In this report reference was made to the magnitude of the problems and to the fact that it was not then practicable to reach definite conclusions on a number of the more intricate questions.

Since the time of making this first report many meetings of the Commission have been held and special topics have been assigned to experts for their detailed investigation. The members of the Commission

have individually and collectively studied many of the subjects assigned to it. During the year 1904 each member spent much time upon the public lands, making personal inquiries into existing conditions and discussing public-land questions with public men and citizens generally.

The Commission now respectfully submits to you a further partial report.

There is in preparation an appendix containing special reports prepared for the Commission, upon which, in part, the conclusions here presented are based. The Commission desires to express its appreciation of the valuable assistance and support it has received from officers of the General Land Office, the United States Geological Survey (especially its reclamation service), and the Bureau of Plant Industry and Forestry of the United States Department of Agriculture.

Problems Presented.

The total area of the public lands of the United States, exclusive of Alaska, was 1,441,436,199 acres, of which 473,836,402 acres still remained on June 30, 1904. The latter figure, of a billion acres, while but a third of the original area, is still enormous. Even to see typical examples of these lands in each of the States or larger political divisions would require a full comprehension of all the physical conditions would require years of research. This fact is emphasized because it appears in the general discussion of public-land questions by hundreds or thousands of individuals that as a rule each man sees only certain phases of a group of problems and from his own view point brings argument to bear for or against any one conclusion. Specific cases are cited to show that certain land laws should be repealed or revised, or should be allowed to remain, and instances are given of the beneficial results of such action.

Antiquated Land Laws.

In our preceding report reference was made to the fact that the present land laws do not fit the conditions of the remaining public lands. Most of these laws and the departmental practices which have grown up under them were framed to suit the lands of the humid region. It is evident that the decisions often contemplate conditions such as prevail in the Mississippi Valley and Middle West. Judging cases by arbitrary rules of evidence, and considering only such facts as may be presented under these rules, there is much elementary and essential knowledge of which cognizance can not be taken.

The changes we recommend in the land laws are required not only because some of

the present laws are wholly unsuited to existing conditions, but also in part because some of these laws, as originally drawn contemplated certain conditions or practices which have been greatly modified by various rulings and decisions. In short, precedents established and which now have practically the force of law have so completely modified the apparent object of the original statute that the statute and the prevailing conditions appear to be wholly unconnected. The effect of laws passed to promote settlement is now not infrequently to prevent or retard it.

The following lines of ancient verse is a description of how an early Edward of England founded the Order of the Garter.

When Salisbury's fair Countess was dancing with glee
Her stocking's security fell down from her knee.
Allusions and hints, sneers and whispers went round;
The trifle was scorned and left lie on the ground.
When Edward the Brave, with the soldier-like spirit
Cried: "The garter is mine; 'tis the order of merit!"
First Knights in my realm shall be happy
Proud distinction the garter that fell from the fair;
While in letters of gold—'tis your motto—
Shall there be inscribed—"Hil to him who thinks ill!"

The Rejections of a Bachelor.

From the New York Press.

Hash is at the bottom of more divorce than any other influence in the world.

A husband thinks he is a good disciplinarian when he gets mad with his wife because his children won't mind him.

At eighteen a girl wants to pretend she is twenty-two, and at twenty-eight she wants to pretend the same thing.

A vacation at a summer hotel is a good time for one to learn what a nice time one has at home.

A Few Afterthoughts.

Weyler has been decorated in France. The same Weyler who came very nearly being perforated in Cuba.

The Interstate Commerce Commission has discovered that the railroads have a new way of giving rebates. What the Commission wants to discover is a new way or even any old way of stopping them from giving rebates.

The recent order to keep the proceedings of the Cabinet secret would seem to let out women as possible candidates.

Mr. Rockefeller admonishes us to keep our eyes on higher things. Does this indicate a rise in oil?

The entire Senate in Finland has resigned. Queer Finnish, wasn't it?

The Pueblo, Colorado, police force has taken on a woman policeman. It will now be in order for ex-President Cleveland to write another article for the Ladies' Home Journal on what he thinks of this kind of a woman's club.

Does advertising pay? The New York man who advertised for a wife and is now being sued for divorce and alimony thinks it does not.

Lobsters Becoming More Scarce.

The Massachusetts Board of Fish and Game Commissioners, in their latest report, do not give a very rosy view of the lobster industry in that State. The statistics gathered by the commission show conclusively the great shrinking of the supply of lobsters.

"The outcome, the commercial extinction of the lobster," they state, "is as sure to result as day is to follow the night. There has been an increase of pots or traps per man, but a falling off in the catch per pot from thirty-three in 1903 to twenty-eight and a half in 1905, or a decadence of about 14 per cent. In thirteen years there has been a decrease of more than 66 per cent. in the catch of lobsters per pot."

The U. S. Fish Commission is, however, taking active steps to foster and save this industry, just as it has been instrumental in preventing the practical extinction of many of our best food fish.

HOW TO ATTRACT WILD DUCKS TO YOUR NEIGHBORHOOD

Wild rice, the favorite food of wild ducks, is a plant worth growing for beauty alone, says the November Garden Magazine. One seedman I know of has had it in his catalogue for years, under the name of *Zizania aquatica*, but the secret of its cultivation has only lately been discovered. The seeds must be sown in the fall, and they must never be allowed to become thoroughly dried out. This explains why sportsmen's clubs have always failed in their efforts to grow wild rice.



AMERICAN WOOD DUCK.

near their club-houses. Hitherto they have always bought the seed in the spring, as was natural, and hundreds of dollars have been wasted.

Another peculiarity of wild rice is that it will grow only in fresh water. Even three per cent of salt water is too much, and that is so little that you can just detect a brackish taste.

KING HONORS MIKADO.

JAPANESE SOVEREIGN HAS BESTOWED HIM COVETED ORDER OF THE GARTER.

Ranks First Among all the Orders of the World.—Coveted by the Great Personages of Europe.—Twenty-five Recipients the Limit.

The bestowal by King Edward of the order of the Garter on the Mikado is as significant of Japan's new position among the powers as the raising of the status of the British minister at Tokio to the rank of ambassador. Among all orders of the world the Garter ranks first, and it is nearly a century older than the order of the Golden Fleece of Austria and Spain. It is coveted by foreign sovereigns as eagerly as minor honors are desired by lesser mortals. It is limited to twenty-five knight companions, with the sovereign and Prince of Wales and such extra knights, foreign



THE EMPEROR AND THE KING

rulers and dignitaries as may be admitted by special statute.

But whenever the number, twenty-five, is reached, pause is made in the creations until death strikes the balance.

With Great Ceremony.

The last royal investiture was that of the King of Spain, and the ceremony was performed by the Duke of Connaught, who went to Madrid especially for the purpose. Before him the Shah of Persia received the order, a special mission also travelling to Teheran with the appropriate insignia and decorations.

Nearly every ruler in Europe wears the order, including the Czar, the emperors of Germany and Austria-Hungary, the kings of Denmark, Belgium, Greece, Sweden, Portugal and Italy, and the kings of one or two minor German principalities.

Its Origin Mythical.

Although technically known as the Order of the Garter, from the picturesque but probably mythical incident which has always been looked upon as its origin, the decorations are not limited to that distinctive badge.

Besides the garter, of dark blue velvet, edged with gold and worn below the knee, there is a mantle also of dark blue velvet, lined with taffeta (the mantle which is worn by the king on state occasions, a surcoat of crimson velvet, a hood, a hat also of black velvet, surmounted by a plume, a collar constructed of twenty-six circular medals of gold, with a pendant of St. George, a star, and a broad dark blue ribbon passing over the left shoulder and crossing obliquely under the right arm.

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WOMAN CITY PHYSICIAN.

Greeley, Colorado, Appoints Ella Mead to Guard Municipal Health.

"So I have put my neck in the yoke and will hope to accomplish something for the public good."

If strong personality, native ability, and a well-disciplined mind are essential factors in the problem of success, Dr. Ella Mead, of Greeley, Colorado, will make good. This young woman was recently appointed City Physician of that bustling western town. In making the appointment the City Council reached the safe conclusion that a skillful woman might handle with tact many delicate questions that had theretofore proven sources of political embarrassment.

Dr. Mead is well prepared for her work. Graduated from the Greeley High School she later took the degree of B. S. from the State Agricultural College. From early childhood she was desirous of studying medicine, and when but thirteen years old confided her ambition to the family physician.

She was poor, but that could not dampen her ardor. To take a course in the University and attain her de-

gree she must have money. So she taught during vacations, and fought her way through college, and graduated for the third time, from the Denver University Medical School, in 1903.

For a time Dr. Mead was house physician in the Woman's Hospital, at Denver, and later, in the County Hospital. The latter position came as a result of competitive examination.

The doctor is proud of her record in the County Hospital. She did not miss a day. Regularly she took her turn with the men, in the wards and on the ambulance. She went with the wagon of rescue at all hours, in every section of the city, handling all cases that came in the course of a busy day. In fact she enjoyed the life and the work.

In Greeley the City Physician is also the Health Officer. Dr. Mead's jurisdiction includes two absorbing municipal questions—sanitation and the milk supply. In these lines of work she is deeply interested and is devoting much time and thought to the regulations and their enforcement.

When the purity of the milk supply

of a city is concerned one is reminded of Charlotte Perkins Gilman's apt epigram: "Politics is not outside the home, but inside the baby." Thousands of infants have given up their precious lives as a result of the impurity of their milk. Through a mistaken economy, which restricts the number of inspectors, or a political expediency, which leads to the appointment of men unfit, the municipality often fails properly to guard that line of its citizens' commissary.

Dr. Mead believes there is no field of work where educated women are needed more than in her profession. Woman knows her need of help, but she will not and can not call on men for it. The woman physician brings to her work all the intuition, sympathy, and understanding with which the feminine sex has long been credited. When to these qualities is added the skill of special training, then, indeed, is she to her sisters in affliction as an angel of mercy.



DR. ELLA MEAD
City Physician of Greeley

Had Been Regularly Licensed.

An old darkey, who had presided at a camp meeting, was asked by one of the white lady visitors, who had been interested in the exercises, how long he had been a preacher.

"I've only been a regular preacher for three years," he replied, "but I've been licentious for nearly thirty."

Remnants of Ancient Races.

In the Caucasus are remnants of some of the races of pre-historic Europe that have nearly perished from the earth. Among these are the Ural, the Kurin, the Avar and the Tushali speaking a different language and each unintelligible to the other.

Vain Resistance.

"Do you mean to say that you permitted Mr. Huggins to put his arm around your waist of your own free will?"

"No, indeed, Mamma, considerable pressure was brought to bear on me."

Charlie closed his prayer the other evening with, "and Lord, don't forget to bless brother and little Willie, and make him as good a boy as I am."

He Is Making Good.

If any other member of the Cabinet has "made good" more quietly, steadily and thoroughly than Secretary Hitchcock—Ethan Allen's great-grandson—we'd be pleased to have him pointed out.—Hartford Courant.

A FLOATING EXPOSITION.

MANUFACTURERS TO INVADE FOREIGN COUNTRIES.

Exhibit Will Travel Sixty Thousand Miles and Visit Forty-Six Countries.

American manufacturers in their efforts to expand their foreign trade have organized what is known as the American Floating Exposition, which is to be a very complete exhibit of the various products of American manufacture which it is desired to sell abroad. The exhibit will enable American manufacturers to visit merchants interested in selling their goods in 46 foreign countries, on a trip of 60,000 miles, consuming 15 months. The floating exposition is so wide-reaching in its probable good results, it is stated that the tour cannot fail of becoming a matter of national pride. Its development is characteristically American, and its results, says the New York Commercial, are certain to promote closer commercial relations with merchants throughout the world, all of which means greater prosperity to the manufacturing interests of the country, and therefore greater prosperity for the country itself.

Within the past few years the civilized nations of the world seem to have all reached the same conclusion—"Export trade means busy factories and domestic prosperity."

Imitation Gems.

Nearly all of the precious stones have been successfully copied in glass, some so accurately that even experts have been deceived. A prominent New York Jeweler, in discussing the achievements of art in this direction, says:

"Exquisite gray 'pearls' are now made by cutting beads from mother-of-pearl shells and coating them with a thin layer of silver. But, of course, they are mere imitations, and the pearl is not a precious stone in the ordinary sense of the word, being an animal product. There is an important distinction between the artificial gems and imitation precious stones. The former are tris gemmes, while the latter are only counterfeit. The business of manufacturing imitations of diamonds and other crystals of value is conducted on an immense scale in Europe, and large numbers are exported to the United States.

Elevated Train Wreck.

New Yorkers were expecting it for years and when a train of cars on the elevated road in that city was derailed, precipitating a car into the street below there were thousands of people who



NEW YORK ELEVATED WRECK.

exclaimed "I told you so." In the early part of September, during the rush hour on the Ninth Avenue "L" through a wrong setting of a switch, a train was derailed. The first car passed over the switch safely, but the second plunged into the street. The third was dragged partly over, and its front end hung suspended from the structure over the sidewalk. Twelve persons were killed and forty-two were seriously injured.

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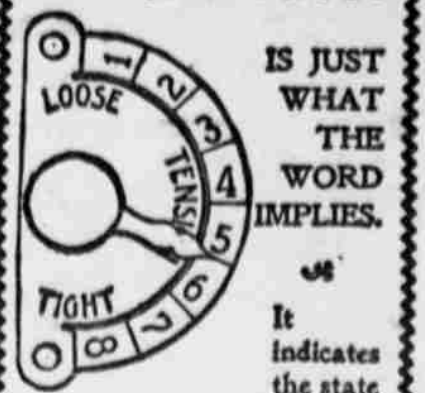
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A Tension Indicator



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