MORAL PROGRESS OF WEST

GREAT CONFERENCES AT FAIR WILL DISCUSS OUESTIONS OF MORALS AND ECONOMICS.

NOT only the material but the intellectual and meral progress of the world will be displayed at the Fair. By resolution of the Board of Directors of the Lewis and Clark Corporation. President Goode has appointed a committee of five on Lewis and Clark Congresses, which will have charge of such conferences and congresses pertaining to the moral life and institutions of the Pacific Northwest as shall be held under the auspices of the Exposition; will have direction of all Sunday religious services at the Exposition, if it shall be deemed wise to hold such services: and will endeavor, so far as practicable, to co-ordinate with our local organizations and needs all National or other large conferences pertaining to social



UNITED STATES LIFE-SAVING CREW TRAINING AT STATION ON GUILD'S LAKE.

ence to the Northwest. The duties of citizenship in promoting good government will be the subject of a National conference, if the National Municipal League can be induced to meet in Portland this year; otherwise a conference of Northwest cities on those subjects will be arranged. A conference of Northwest educators, reinforced by some of the National leaders in such work, will discuss problems of educa-tion and kindred topics. History will be enriched with oral and written reminiscences of ploneers, as well as exhibits illustrating the settlement of the Northwest Leaders of labor and capital, both in the Nation and the Northwest, will confer on industrial questions. The subject of public health will be considered by leading sanitar, authorities, who will attend the Ameri can Medical Association convention Women's work will be presented by able women of National fame, many of whom will attend the National Woman

Suffrage convention.

Carroll D. Wright, chief of the United States Bureau of Labor; E. E. Clark, chief of the Order of Railway Con-ductors, and Jacob Rils will stiend if dates can possibly be arranged, Mr. dates can possibly be arranged, Mr. Wright having written a particularly friendly letter. The committee is in correspondence with President Charles W. Elliot, of Harvard; President Hadley, of Yale: Mr. Harris, the United States or rais; ar. harris, the United States Commissioner of Education; Booker T. Washington, and others of equal stand-ing, and has strong hopes of favorable replies. The National Civic Federation has also been interested in the Exposition and will, it is thought, send a

The Lewis and Clark Centennial will looked. thus be more nearly upon an intellec-tual and moral level with all other great Expositions, and in no other way, perhaps, could the social resources of this region be better made known and

its social progress atimulated.
Sundays at the Exposition will be given up to religious services and discussions on charitable, social and scientific topics. On that day the gates will not be opened until noon, all buildings except the Fine Arts, Auditorium and those of a similar nature will be closed throughout the day, and all machinery will be stopped.

LEADER IN EDUCATION.

Methods of Teaching Youth of Oregon Will Be Illustrated.

S A STATE which has only I per A cent of illiteracy, Oregon will make her state exhibit. All the schools, public and private, have been invited to participate, and preparation is so general that it may safely be predicted that all will

Each of the principal cities and each county will display the work of its grammar schools, in all departments, both as to method and result, the county or city being the unit. The arrangement will be primarily by grades and subjects, so that primarily by grades and subjects, so that
the work of a certain grade in all the
schools of Portland, for instance, will be
brought together in comparison, so far as
possible. There will also be a division
by subjects within these lines, allowing
of still further comparison. At the same
time the name of the pupil and the school
will be on each piece of work, that each
may get full credit for its excellence.
The high schools will make exhibits separate from the grammar schools of their arate from the grammar schools of their cities, and may be brought into competition as a separate class. So far as the primary rule of arrangement by exhibits allows, the work of any one school will be kept together that it may retain its individuality.

individuality.

Written work, in which original composition will hold the most important place, will be bound in volumes of 300 leaves, all of uniform size, with subjects always in the same order. The compositions will deal with subjects of local, state and National Interest. There will be

both historic and prophetic.

It will be the aim to have the religious institutes addressed by the leading men not only of every Christian church, but of the Mohammedan, Buddhist, Confucian and other Oriental faiths. Such men will be invited by the committee in charge. The National Conference of Charities and Corrections will bring the leading men in that field of work being devoted to discussion of those topics with special refersion of these to the Northwest. The duties of the more to the Northwest. The duties of the conference of the study of them, and practical illustrations and chemical page and descriptions of them; apparatus for the study of them, and practical illustrations will help. The Sheep Rections of those topics with special refersions of inculation of goinea pigs with and insects to illustrate Oregon mology; writh a property class; points and chemical salicy; tentuces continued to the live-leading men in that field of work being devoted to discussion of those topics with special refersions. There will be five premiums in each class in 3-year-old builts and over, ranging from \$1.9 for fifst to \$10 for fifth. These premiums of chemicals, will be duplicated by the Shorthorn Breeders' Association, which gives \$2500 to duplicate premiums. The Hereford Breeders' Associations give the same amount, and other cattle breeders' associations will help. The Sheep Rections of inculation of goinea pigs with drawings and the duplicated by the Shorthorn Breeders' Association, which gives \$2500 to duplicate premiums in each class in 3-year-old builts and over, ranging from \$1.9 for fifst to \$10 for fifth. These premiums of chemicals, will be duplicated by the Shorthorn Breeders' Association, with premiums of chemicals, with drawings and chemicals, with the duplicated by the Shorthorn Breeders' Association, with premiums of chemicals, with the duplicated by the Shorthorn Breeders' Association, with \$

progress which have selected, or may select. Portland and the period of the Lewis and Clark Fair as their place and time of meeting. For those conferences which shall be directly under the control of this committee the attendance and voice of distinguished leaders will be procured.

It is hoped to bring about such assemblages and utterances as shall be both historic and prophetic.

It will be the aim to have the relig-

various bacterial diseases; birds and insects to illustrate Oregon zoology; written work in English from every class;
class work in history, art, mathematics,
household science to include a model
kitchen and pantry; library, physics,
electrical engineering, mechanical enginoering, shop work in wood, iron and machinery. The military regiment of the all conveniences provided for the dairy

The Lewis and Clark Exposition

AT PORTLAND, OREGON

Will Be Open Continuously From June 1, 1905, to October 15, 1905 One Hundred and Thirty-Seven Days

college, under command of Lieutenant test of butter, milk and dual purpose Quinlan, U. S. A., will attend with its band of M pieces. Athletics and various The fund has been allotted as follows: other departments will also not be over-

GREAT LIVESTOCK SHOW.

Owners of Blooded Stock Coming From Afar to Contest.

IVESTOCK will be the banner ex-L hibit of the Pacific Coast at the Lewis and Clark Fair, for the corporation has set apart \$40,000 for distribution in premiums and the breeders' associations have made liberal addition to this sum. This will attract exhibitors not only from all parts of the Pacific Coast, but from the Eastern States. Eastern exhibitors have been put on their meteducation one of the great features of ter's own ground. Richard Scott, of

The fund has been alletted as follows:
Horses, class A, \$12,000; cattle, class
B, \$16,500; sheep and goats, class C,
\$6500; swine, class D, \$1500; poultry
and pets, class E, \$1500. There will be
20 classes for horses, 15 for breeding
cattle, one for each breed of dairy cattle and a prize for the champion of all
breeds, 17 classes of sheep, three of
goats, 12 of hogs, 18 of poultry and 20
of pigeons.

ADMISSION IS AUTOMATIC.

Drop Half-Dollar in Box and Gate Will Open to Fair.

rISITORS will enter the Pair through four ornamented gates equipped with self-registering turnstiles, which will adtle by the capture of prizes for beef mit a person when he drops half a dollar and dairy cattle, sheep and goats by into the box, while a separate stile will and dairy cattle, sheep and goats by Oregon exhibitors at St. Louis, and they will have a double motive for meeting their Oregon rivals on the latter's own ground. Richard Scott, of Milwaukie, who has charge of the department, says to The Oregonian:

"The livestock exhibit will by far exceed the most sanguine expectations of livestock breeders of this and the adventure the necessary buff dollars, and they care the necessary buff dollars, and they are the precessary buff dollars, and they care the necessary buff dollars, and they livestock breeders of this and the ad-joining states, as we are going to have should be plentiful in Portland this year

OREGON'S FREE LANDS

UNDER IRRIGATION

The only cost to settler or purchaser, is for putting water on the land, which averages ten dollars (\$10.00) per acre; and cost of maintenance. Under State control.

For full information, write or call

COLUMBIA SOUTHERN IRRIGATION CO. 539 Worcester Building, Portland, Or.



100 WHAT TIME HAS WROUGHT

souls, Lewis and Clark, were fighting their way, step by step, through the

hatred the coming of the white man. harmed to their goal, the Pacific Ocean, From this point of view they took cognizance of the mighty rivers, magthis new world, and turning their faces toward the now justly celebrated valleys Rivers, exclaimed, "Behold the Promi Lan. Here in the near future will rise an empire that for richnes will be a marvel and a wonder, the like of which no other land can boast."

How true has been this prophecy only those who are familiar with the wonderful resources of this most-favored region can know. Where eratwhile the savage roamed in search of fish and game, the prosperous farmer tills the soil, and bounteous harvests now make glad the heart and lighten the daily toll. Where deer were wont to herd thousands of cattle graze, and where the bear, dense forests of the Oregon Territory, wolf and coyote prowled, ten thousand which go to California and Eastern maring to wear his life away. Investigate beset on every hand by wild beasts and sheep browse on the hills and prosperity kets; in fact it is said that for quantity and you will surely locate here.

wilder men, who resented with a deadly reigns supreme. Where once the trail and variety Southern Oregon leads the turned in and out, the only thorough-Tacy, however, were in the keeping of fare through this vast domain, countless an All Wise Providence, and passed unwell-built wagon roads lead o'er hill and dale, and for six hundred miles the Southern Pacific Company's lines furnish means of transporting not only the people from one part of the state to an- cident to that climate, when gold, silver, other but also various products to the copper, quicksilver, nickel and many of the Willamette, Umpqua and Rogue local markets, as well as to the markets of the world; for be it understood that, notwithstanding Oregon has less population according to area than any other state in the Union, she is the greatest producer of them all, shipping from the valleys named nearly as much hops as is produced in the balance of the United States, several hundred cars of fruit, principally prunes and apples, a great deal of which finds a ready market in Europe; large quantities of stock-hogs, cattle and sheep-wool and mohair, and more poultry perhaps than from any other part of the Pacific Coast, to say nothing of the vast quantities of lumber

world in timber. As to dairying, experts say that the re-

gion named equals if it does not excel any other dairy country on the globe. The mineral wealth of Southern Oregon is wonderful, and it is not necessary to go to Alaska, suffering the privations inother minerals are at our very doors in such quantities as to astonish those not familiar with this industry. Then, too, the climate is universally mild and no hardships are endured in pursuit of this

wealth. To the people of the East or Middle West who contemplate making a change with a view to bettering their condition we would earnestly recomend that they investigate this territory, which is without question the "Garden Spot of the Land is cheap, the climate delightful and there is no fear of floods or drouth, no cyclones nor storms, and sun-

AN OREGON GOLD MINE

THE SUCCESS OF ONE OF THE MANY MINING INDUSTRIES OF THE STATE

THE past year has witnessed wonder-THE past year has witnessed wonderful progres in the quartz mining districts of Western and Southern Oregon.
Immense sums have been expended in
prospect work, in the erection of stamp
mills, smelters, etc., and there is no question but that the results obtaining in the
ensuing year will center the attention of
mining men to these sections—particularly the Blue River district.

Among the many mining industries of

Among the many mining industries of Oregon, the properties of the Great Northern Development Company, with headquarters at Eugene, stand out as one of the most promising in the entire field, and with the advent of the new year the company is able to show a condition of development that must appeal to the good judgment of all careful investors. The Great Northern group of mines is situated in the northern part of the Blue River Mining District, Lane County, Or-egon, and consists of eight full claims, carrying three well-defined velus, the values of which are almost exclusively in gold. The ore in these veius is of a soft, decomposed nature, a large per cent of it being black manganese. The formation is porphyry and all the conditions point to the existence of a large ore body. By an

formed during the past year the com-pany have demonstrated that the prom-ising surface showings are more than ful-

has been done on all the ledges, giving the most flattering results in assays, ex-tent of veins, etc., the real energy of the company has been directed upon a single ledge in order to secure immediate re-sults. Into this ledge two tunnels are being driven, one at the 100-foot level and one at the 200-foot level. The first tunnel is in on the veln 600 feet and shows as-says from \$10 up. The last assay made was from average samples taken across the face of the drift at the 450-foot point Northern Development Company, with and shows a value of \$35.55 gold per ton, headquarters at Eugene, stand out as one of the tunnel and shows a width of \$35 and the show a width of \$35 and with the advent of the new year the feet of solid ore. The tunnel on the *200 company is able to show a condition of foot level is in about 200 feet, showing a



well-defined ledge. At the proper point in this tunnel an upraise will be driven to the upper tunnel and all cress from both tunnels will be delivered at the mouth of the tunnel on the 200-foot level. It is the intention of the company at a later date, probably during 1985, to drive still another tunnel some 1560 feet further down the mountain side and in such location that the magnificent water power furnished by the Calapoola River may be used for all mill purposes as well as for furnishing electricity for the entire plant. When this tunnel has been driven and the necessary shafts and cross-cuts have blocked out the immense ore body known to exist, a second and independent mill will be erected, with a capacity of 800 to 1000 tons of ore daily. It is confidently expected that this mill will be completed in the latter part of the year 1905, since, owing to the soft nature of the rock, the rell-defined ledge. At the proper point filled in the fact. While prospecting work owing to the soft nature of the rock, the as material for outside construction for moters ever dared to picture.

ed tunnel can be driven very rapidly and at comparatively little expense. The present mill, which has been in operation for several months past, is a two-stamp plant and is handling seven to stamp plant and is handling seven to eight tons of ore daily, saving in free gold on the plates about \$7 per ton. As no concentrator has been in use the past year, it has been impossible to save the base values in the ore which, according to the tests, consist of about two-thirds of the assay value. There is now in process of construction on the property a new mill of a minimum capacity of 60 tons daily. This will consist of four stamps, two concentrators and one "Huntington"—a grinding process—especially adapted to the economical handling of soft ores. Ore will be delivered to the of soft ores. Ore will be delivered to the mill in buckets running on a cable tram, working on the gravity system. Water, in a seven-inch pipe, having 100 feet head. in a seven-inch pipe, having lös feet head, will furnish the power. All these improvements will be completed early in January. It is the intention to store the concentrates for the present and in the Spring install a ten-ton cyanida plant, which it is confidently expected will handle the concentrates at a cost not to exceed 50 cents per ton. This will save the heavy expense of hauling to railroad and shipping to smelter, and will therefore add very materially to the net profit of each ton of ore handled at the mine. There are some \$000,000 feet of standing timber on the property, sufficient to supply the mine timbers as well as material for outside construction for

installed early the coming Spring for the purpose of supplying all necessary tim-ber and lumber. One-quarter of the capital stock has been set aside as treasury stock, and all outlays for improvement will be paid from the sale of the same. All profits of operation will be distributed in dividends payable monthly, beginning such payments early the present year. The officers and directors of the company, are: W. S. Standish, president and treasurer. H. C. Mahon, vice-president and secre-

L. Inman, George W. Leslie and J. S.

These officers deserve great credit for the fine showing which has been made the past year through their energy and good judgment, and the stockholders to be congratulated that the property has so soon been placed on a paying basis. With a milion dollars' worth of ore now blocked out, with many millions known to be lying deep down in the earth awaiting the day when man's energy shall bring them forth to the light, with the 60-ton mill and power plant practically completed, with immense water power available, with all the timber necessary for use in many years' operation of the mine, the future of the Great Northern Development Company bids fair to be even brighter than its early pro-



BRIDAL VEIL LUMBERING CO. OREGON OREGON FIR AND LARCH