Oregon and Washington Have Some Ideal Bogs Which HILL ESCORTS PARTY Are Being Developed

INITIAL COST IS LARGE Good

But Once the Vines Are Established Their Life Is Almost Perpetual Under Proper Care.

By Fred Lockley.

What promises to be an important industry is being developed near the mouth of the Columbia river, Extensive work is being done both in Oregon and Washington in developrecent trip to Seaview, Wash., I visited the cranberry farm of H. W. Williams. Mr. Williams has not gone ple. into the cranberry business as an experiment. He has devoted his en-

tire life to the industry.

was born in Plymouth county." Roger Williams was the first of our road can easily be maintained. family who settled there. Our fam-"Oregon and Washington have some ideal cranberry bogs. In the North been planted. I have 80 acres of ewn planted, and in all I have put out over 200 acres. I have put out 121 % acres since last December. and expect to put out about 100 acres more this fall. When I first came here I bought 800 acres for a cranberry association, of which I am one of the members.' No Lazy Man's Job.

With Mr. Williams I walked all over-his farm. The raising of cranberries is no lazy man's job. trees and brush must first slashed and removed, then the stumps must be pulled up and the land This is done with a Swedish hoe. When the turf has been restumps found under the surface must also be removed. land is then drained by a series of main canals and lateral ditches. It is then sanded to a depth of three or four inches, and is ready for the cranberry plants.

contracted for the clearing of most of my land at \$200 an acre. continued Mr. Williams. "The land is then ready for the sand. smaller operators estimate the cosi from \$350 to \$500 an acre to clear the land, sand it, plant the cranberries and do the weeding for the first You will notice that I two years. have a good sized force of men in my cranberries right now weeding them. It costs \$30 an acre to do the weed ng for the first year. After th fourth year no weeding is required. as the cranberries have then formed a solid mat over the ground. The of a cranberry bog, if it is prop-

erly cared for, is almost perpetual. A Problem of Draining.

"Our problem here is more one of have fallen off. float, and the wind usually drives Maryhill and Biggs. them in a red line along the edge Hy scooped up.

is to keep the weeds down, and the Central Oregon highway. to warm the root of the eranberry

three varieties that I believe will do land or California. best here are the Karly Black, the-Howe and the Centennial. "Growers have been picking on these bogs from 100 to 150 barrels

conservative and say that a safe yield to count on is from 75 to 100 The cranberries sell at from \$8 to \$10 a barrel.

The Cost of Eanding.

cars are employed to sand the tracts, and green timbered hills, passing be- have come 400 miles to see it." barrows from the cars, the cost of will show, you how I do the sanding. were of sand was a flat-boat on which was a Fairbanks-Morse engine, pipes and other apparatus. use a 50 horsepower engine, the sand and it is distributed in an eight-inch discharge pipe which carries the sand for a distance of 6000 at from \$24 to \$28 an acre. The Howe yields its berries in September or October after the third

year. The Centennial has a crop after the second year and begin to bear well after the third year. After the fourth year, when is run over the field, cutting the vine and causing it to stand upright so the berries can be gathered. he vine cuttings are sold for from \$4 to \$4.50 a barrel. The berries are combed from the vines with long aluminum rakes. Sometimes they are hand-picked or picked with a scoop."

Boston, Mass., June 27 .- What was the top of the hill. formerly a floating United States life saving station at South Boston and later at Winthiop has been purchased by Boston agents of Sir Thomas Lipton to house the crew of Shamrock IV when they are not aboard the challenis on the style of a houseboat without power. There will be ample room aboard for sleeping, cooking and lounging quarters for the Shamrock crew. Ing quarters for the Shamrock crew. highway at Biggs is that when the The life saving boat is 70 feet long and top of the hill is reached one is on about 30 feet wide,

CENTRAL OREGON HIGHWAY NECESSARY COMPLEMENT TO COLUMBIA HIGHWAY road which would not be a difficult

This Thoroughfare Is Available All the Year Round as Way to and From Califor-

OVER ENTIRE ROUTE

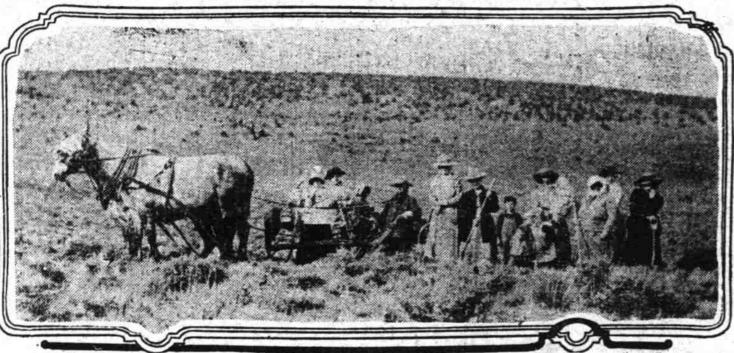
Roads Enthusiast Shows Guests Strenuous Motor Traveling.

THE Central Oregon highway is an important highway. It is next in importance to the Columbia highway, of which it is the complement Each one is necessary to the other, decided last winter to build the 10 ing the cranberry industry. While on mile section between Biggs and Wasco, that will serve a great number of peo-

A highway through central Oregon is a feasible route to California. Owing to climatic conditions, it can be traveled the year around and owing between Boston and Provinctown, at cheaply constructed. There are no a little place called Wareham. You heavy grades to cut or mountains to will know that we are old-timers in cross. Most of the way the character that section when I tell you that of the soil is such that a good dirt Joining the Columbia highway at

ily went into the cranberry business Biggs the Central Oregon highway 90 years ago, when my grandfather with a short grade mounts the Columplanted a cranberry bog. I myself bia river plateau and runs along the still own an interest in a bog, yield- divide between the John Day and Desing good crops each year, that I chuies canyons over a comparatively helped plant as a boy, 50 years ago fevel country directly south to Lakeshore of Goose lake to the head of Beach district there are probably the Piet river, through the lowest pass 3090 acres of good granberry land, in the mountain range between Oreand about 600 acres have already gon and California into the Sacra-The accompanying map indicates





Top-Map showing route of Central Oregon highway and connecting highways

other highways forming a complete system

In their desire to divert tourist travel from Portland and the Columdraining than of flooding. In the bia highway the people of Scattle are east they flood the bogs to drown anxiously waiting for the completion the insects and to protect the cran- of the state highway over Snoqualmie berry plants from early spring and pass. In order to go from British Co-late fall frosts. They also flood the lumbia or Puget sound to California cranberry bogs after the pickers have by way of the Snoqualmie pass the gathered the crop for the purpose tourist would be compelled to traverse of gleaning the loose berries which the Yakima and Klickitat valleys and

The traveler from the Okanogan of the field, where they can be read- country, or from Spokane, Walla Walla, Pendleton, Baker or Idaho The object in putting the sand ultimately come to a junction with

In southern Oregon the highway It will grow. The sand also serves naturally ties in with the Crater Lake reflect the sun and ripen the road and the Pacific highway, affordherry, giving it the bright red color ing alternative outlet for tourists from the Rogue River and Klamath "I have planted eight varieties. The River valleys, bound either for Port-

A Natural Highway.

the state and the situation of the Mount Hood and Mount Jefferson were a year, but it will be better to be mountain ranges, which in some sec- always in sight, and sometimes tions obstruct travel in the winter glimpses of Mount Adams and Mount season, can easily realize, that the Cen- St. Helens were caught. tral Oregon highway is a natural one and one that can be constructed and met. maintained at a small cost.

the sand being carried in wheel- tween fields of wheat, across sage covered plains, through fertile valleys and ferently, "but the county is building sanding is about \$150 an acre. Come down with me to my canal and I The road is already a fairly good "Down in our county if the state one, but in some places will require was donating us a \$30,000 road we In a narrow canal, whose banks modifications with slight changes in would be out looking at it every day. route and reduction of grades. In the We certainly would appreciate it." northern part of Lake county where it was the parting shot of the Lake said Mr. Williams, "and an agitator aid. The heaviest part of the work On arrival at Shanko the sun was

loose rocks. feet. It raises the sand 30 feet party over the highway recently. The fatigued. Mr. Hill, however, did not er's well. The road from Prineville to and distributes from 300 to 500 cubic with the seem to catch the significance of the this point was found in excellent shape yards in an eight hour run. When I put on three inches of sand we can average an acre a day. In place of county, State Highway Engineer H. L. about 70 miles farther. We ought to the settlers around Millican's who had removed the loose rocks. Minneapolis, brother of Samuel Hill, remark, and calmly announced "We due to recent work by some of Prineaverage an acre a day. In place of Powlby, and a Journal representative, get in by 11 o'clock at the latest." costing \$150, I can put the sand on It was a hurried trip as those famil- So on they went, passing through Annight, snatching on an average four Cow Creek valleys as darkness was ward to Lake Abert. This shortens

hours of sleep each night. Leaving Maryhill about noon, the the vines have matted thoroughly, a launch to Biggs and then walked up Spanish Hollow over the grade being made by the state for several miles, inspecting the work which they pronounced to be good. The grading is being done in a permanent way and in no place does it much exceed five per cect. The sun beat down with intenstry upon the canyon and after tho party had gone a short distance Judge Daly, who is a man who when at home LIPTON BUYS HOUSEBOAT dees most of his going about either in an automobile or on horseback, began

> Finally he refused to walk any farther, so a train was flagged and they

to inquire how much farther it was to

Biggs-Wasoo Road Progresses. The contractors on the Biggs-Wasco section of the highway have the gradger for the America's cup. The craft ing over 60 per cent completed and expect to finish their contract August d. The advantage in beginning the

the summit of the divide between the

drainage as would be the case in proceeding up either of the canyons. This is an important consideration

in road construction, as it is expensive fighting against nature. It is estimated that the wheat yield of Sherman county this season will approximate three million bushels. It is also estimated that the saving in the cost of transporting the wheat to The cranberries cross the Columbia river between to three cents per bushel. This means a total saving of \$90,000 to the farm-

ers of the county, or three times the cost of the road in one year. It seems strange to find a great deal indifference to the highway in Sherman county. Only a few appear to realize what it will mean to them

when the Celilo canal is opened to navigation. At Wasco Mr. Hill's party was joined W. M. Barrett, the banker of the town, and his wife and son Golden. All left Wasco about 4 o'clock p. m., One familiar with the topography of healthy wheat along the "hog back."

At More, County Judge Krusow was

"That's a fine road the state is build-"Where a parrow gauge track and on the west by snow capped sentinels was introduced to his colleague. "Yes," replied Judge Krusow indif-

how the highway dovetails in with John Day and the Deschutes canyons, enshrouding the earth. On through where a road is easily maintained, as Cow Creek valley over into Hay Creek there is no crossing of the natural and thence over the hill to Willow creek. Eleven o'clock came, and still Prineville was not sighted.

> On to Prineville. Just as serious doubts of being on the right road were raising up, the lights of Princylle were seen in the distance as the crest of a hill was The town seemed only a reached. short distance away.
>
> About five miles, Dr. Hill estimated.

> But before they reached it he revised his estimate to 50 miles at least. When they finally reached Prineville the clock had struck 1.

> Before going to bed a conference was held. Samuel Hill made a motion that they get up at 4 o'clock in the morning and drive to Millican's for breakfast. Without waiting for a second he declared the motion carried, and the party retired for a three hours' Accordingly they were up at 4

o'clock. Unfortunately the Prineville and drove between rolling acres of garage does not maintain an all night service, and the cars were not ready. Mr. Barnett's needed some overhauling, and there was a wait for two or three hours until the garage was

It was then decided to take breakfast at Prineville, Dr. Hill, Judge Daly and Engineer Bowlby declared in It is also a scenic highway, guarded ing for you," said Judge Daly when he unison that they did not mind getting up early, but that they did hate to get up and sit around four or five hours before proceeding on their way. Mrs. Barnett, like all pioneer women, proved that she was a good trav-

eler by making no complaint and tak-

ing things as they came,

Leaving Prineville at 8 o'clock, a start was made across what used to be called the desert, but the term is crosses a long stretch of unsettled county judge to the Sherman county now a misnomer. At Millican's a brief stop was made to allow the engines to to stir up the sand. The sand pump will consist of the grubbing out of setting, painting the white cap of Jef-This sucks up the sagebrush and gathering up the ferson a rich golden color with its At Millican's the Burns-Bend road was dying rays. Judge Daly casually re- taken for a few miles, and then a turn Samuel Hill took oan automobile marked that he felt just a little bit was made to the southward to Walk-

> At Walker's well the party turned lar with Samuel Hill's methods of telepe as the shades of night were to the southwest in the direction of travel can readily appreciate. They gathering, and through the narrow Christmas lake. At this point an altraveled by day and they traveled by canyon that separates Antelope and ternative route is to continue south-

who are in a hurry. State aid would be of assistance here in making a thing to do, as all that would be necessary would be to grub out the sage

brush and gather up the loose lava Judge Daly Is Poor Guide.

When the party reached Lake county it was supposed that Judge Daly would know all about the roads, and he was elected pilot. He announced that he intended to guide by the way of Fort Rock to Silver Lake. Some man had told him to take the first right hand road. He took every right hand road and cow trail met, and as a result suddenly came up against a number of barbed wire fences. It was finally disclosed that the judge did not know much about the roads in the northern end of his county. He was and the putting of eight more on prodeposed and summarily ejected from the pilot's seat. Relying on their own sense of direction the party finally reached Silver Lake, missing Fort Rock altogether.

According to the schedule, the party was to arrive at Silver Lake early in the afternoon, and after a brief stop proceed to Lakeview, 90 miles away. It was four hours behind the sched ule when Silver Lake was reached. For the first time Mr. Hill's guests mutinied and decided to spend the night there, after reaching a compromise that they would start out at 4 clock the next morning.

man, the local boniface, got busy on the telephone and succeeded in drumuel Hill and Judge Daly. The residents of the Sliver Lake country were continue to stiffen up the requir found to be very much impressed with the possibilities of the Central Oregon

At 4 o'clock the next morning the journey to Lakeview was resumed. up over the Silver Lake hill and through the rich Summer Lake valley to Paisley on the Chewaucan river for breakfast.

Then through the Chewaucan valley between hill and marsh into Clover Flat and on to Crooked Creek valley. where Judge Daly wanted to show Engineer Bowlby a piece of road work being done by the county.

When the party arrived at Lakeview at noon it was met by a number of the town's live ones and hurried to the Antler's club, where a substantial lunch awaited.

After luncheon there was speaking and outpouring of enthuslasm over the Central Oregon highway, Judge Daly told his fellow townsmen that he had enjoyed his trip, but that it was "sweet to hear the watchdogs bay deep mouthed welcome as he drew He admitted that he had had a strenuous journey, as does every one who

(Next Sunday an account of the con-struction work on the Pacific highway in the Rogue River valley will be of-fered.)

travels with "Sam" Hill.

NORWAY ALSO BARS WINE

Christiania, Norway, June 27.-The Norwegian parliament has followed the lead of Secretary of the Navy Daniels Yale corporation, the corporation voted and adopted a resolution prohibiting to comply with the request of the the consumption of intoxicating liquors by officers of the Norwegian army and navy during their terms of service. The religion by calling it the Gilbert L. enlisted men were already enforced abstainers and the officers' messes on bert L. Stark, '07, of Saginaw, Michithe warships and in the garrisons are gan. now to be made "dry."

NEWS AND REVIEWS FROM UNIVERSITY AND COLLEGE

General Stiffening of Standards at University of Oregon Results in Further "Flunking" by Students; Happenings at Eastern Institutions.

Information for these columns is fur-mished by a committee of the Portland time, was authorized.

The Association of Collegiate

University of Oregon.

The general stiffening up of stand ards, which resulted last semester in the outright "flunking" of 32 students bation, was continued this semester by the faculty of the University of Oregon. As is evidenced by figures compiled by Registrar A. R. Tiffany, 24 students have "flunked out" and will not be allowed to re-enter the university in the fall. That this number not much larger is attributed by Mr Tiffany to the fact that the rumor what was coming spread among the students several months ago and the realization has been general that a sterner application to study was nec

essary this year than ever before.

The "fans" were particularly urgen While eating dinner Francis Chris- they should play safe in the matter of scholarship. The track team is the only athletic organization that has lost ming up crowd for a good roads any considerable portion of its power meeting, which was addressed by Samto win victories. "The incidations are," says Mr. Tiffany, "that the faculty will ments. The additional energy that this puts into the work of the students more than makes up for the unfortunate side, which is the denying of higher education to these few young men."

> Reed College. Professor William Conger Morgan

will take charge of the department of chemistry at the University of Oregon Professor Harry Beal Torry Professor William Fielding Ogburn eft last week for the east. risiting the University of Minnesota, the University of Wisconsin, Columbia university and other eastern institu-

The annual tea and reception of the Association of Collegiate Alumnae to college women was given yesterday afernoon at Reed college. The hostesses were Mrs. Torrey, Miss Rossiter, Miss Rowland and Miss Read.

Yale University.

The Yale alumni advisory board, at ts meeting, discussed a report on the advisability of having moving pictures of Yale life for use of alumni associations and schools, especially in the west; the better organization of alumni and the Yale Bowl. The chairman was authorized to ap-

point a committee to study further the matter of moving picture films, and another committee to report on present conditions affecting the conduct of major and minor athletics at the university. At the commencement meeting of the

anonymous donors of the professorship of social service in the school of are in full agreement with the decision Stark professorship, after the late Gilgan. The conferring of the degree ings; that the use of this site for such pass through a perforated of electrical engineer, for which there buildings must result either in a sep- ing a car's license number.

Harvard University.

President Lowell, in his address before the alumni. June 18, made a signeed of the university for more endowment for the purpose of paying larger salaries to the professors. The university, he said, has ended the year with a deficit, and even with scrimping and saving was not able to make its inome and expenditures balance. "Other universities are paying higher

salaries to their professors than Har-vard." said President Lowell, "and if we are to retain our present efficien corps of instructors, as well as draw clear to give salaries proportionate to the real worth of the professors." The receipts last year from gifts money given to the university fell just short of \$1,000,000. President Lowell

acknowledged a gift of \$100,000 from the class of 1889, which is celebrating its twenty-fifth anniversary.

Brown University.

Names of some of the delegates and ruests who will attend the one hundred and fiftieth anniversary celebraion of Brown university next October were announced by President Faunce in an afterdinner address on the character and scope of the celebration, given before the alumni. They

Chevalier W. L. F. C. Van Rappard mbassador for the Netherlands; Romilo Frederic Alfonso Pezet, minister for Peru; Principal Sir Harry R. Reichel, University of Wales; Robert Cooper Smith, K. C., a leader, of the Canadian bar, Montreal; ex-President William H. Taft; Andrew Carnegie; John D. Rockefeller Jr.; Dr. Nicholas Murray Butler, Dr. Arthur T. Hadley, Dr. John G. Hibben, Dr. Jacob Gould Schurman, Dr. E. Benjamin Andrews and Dr. William De Witt Hyde. Celebration week, October 11 to 15

will include a series of formal ad-dresses and academic functions, dramatic and musical entertainments, dinners, processions, illuminations, and athletic games. There will be many class reunions, and the alumni will take part in some of the exercises on the program.

Wellesley College.

In April the trustees asked Fred-erick L. Olmstead, A. A. Shurtleff and Coolidge & Carlson of Boston to study the college grounds with reference to sites for future buildings. The report recommended that the academic and administrative group of buildings be placed on or around the level tract opposite the chapel, and that a group of residence halls be placed on the site of College Hall hill. Members of the oficial control and

of the administration of the college College Hall site does not admit space for a group of purely academic build-

aration of buildings which for the sake of efficiency should be in a group, or in an unsightly appearance of the group from the effort of accommoda-tion to the inadequate space.

The pian is to place on College Hall hill the group of dormitories proposed before the fire. It is expected that a part at least of the group will be ready for use in Setpember, 1915.

Oberlin College.

The class of 1864 entered Oberlin college during the anti-slavery struggle and the first Lincoln campaign term of its freshman year, and was graduated under the booming Grant's cannon in the Wilderness. Half its men enlisted in the army. The war reduced its numbers from 165 to 36. nificant statement in regard to the After half a century, 14 still survive, and this small veteran band went this year to its fiftieth anniversary. It held its reunion dinner at the James Brand house last Tuesday, along with its own survivors, all ex-members, husbands and wives of deceased members. others of the sixties and earlier graduates of that day from other institutions, and, as far as practicable, soldiers and friends of those times.

> University of Chicago. Announcement has just been made that the council of the University of Paris has formally approved the nomnation of Professor James Rowland 1915. The general subject of Profes-

sor Angell's series of fectures will

can education. The summer quarter which opened this year June 15 and extends to August 28, is the most largely attended quarter of the year. Over 2000 students were in attendance at the last summer quarter. Besides a large proportion of the regular faculty of the university, more than 50 from other institutions will offer courses during the

At the ninety-first convocation held June 9 in Hutchinson Court, more than 600 candidates received titles, ertificates and degrees.

Dr. Kuno Francke, professor of the history of German culture and curator university, gave the convocation address on the subject of "The Unpopularity of German Literature." It was enthusiastically received by a great audience in Hutchinson Court, and will be printed for wider publicity in the University of Chicago Magazine. Professor Charles E. Merriam, of the

department of political science, who is a member of the Chicago city council from the Seventh ward, was recently made chairman of the committee to investigate the causes of crime in the city and suggest methods of pre-

Smith College.

An interesting feature of commences ment week at Smith was an exhibition of painting, sculpture, interior decoration, and crafts by alumnae and former students in the Hillyer art gallery. The works were submitted to a jury, which awarded honorable mention to the following exhibitors: Murgaret A. Blair, ex-'09; Louise

Capen, '91; Emma W. Durkee, '01; Helen W. Durkee, '02; Julia S. L. Dwight, '93; Anna Harrington Greene, '95; Bessie S. Lathrop, ex-'84; Falth R. Leavens, '00; Mally I. Lord, '13; Marion L. Pooke, '05; Louise D. Putman, '09; Blanca Will. ex-'04; Alice M. Will. ex-'04; Alice Wright, '04.

pass through a perforated plate show-

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