SCIENCE AND INDUSTRY.

—Expert hydrographers say that in its deepest parts the ocean's waters are so dense that a sunken ironclad would never reach the bottom.

—At Redditch, England, 20,000 people make more than 100,000,000 needles a year, and they are made and exported so cheaply that England has no rival and practically monopolizes the trade.

—Over 300,000 specimens of fossil insects have been collected from various parts of the world. Of these, butterflies are among the very rarest, as less than 20 specimens all told have been found.

—The average depth of the sea, in yards, is as follows: Pacific, 4,252; Atlantic, 4,026; Indian, 3,658; Antarctic, 3,000; Arctic, 1,690; Mediterranean, 1,476; Irish, 240; English channel, 110; Adriatic, 45; Baltic, 43.

—The largest shipyards in the world are those of Harland & Wolf, of Belfast, Ireland. The works employ at present over 9,000 skilled workmen and apprentices. Since its organization the firm has turned out over 1,000,000 tons of ocean-going craft.

—Between the ordinary harmless snake and such species as the cobra and viper there is great structural difference in the formation of the head. In highly poisonous snakes the lower jawbone is shortened, while the transverse or inner jawbone is correspondingly lengthened.

—The largest maritime concern in the world, the North German Lloyd, evidently does not believe that the trade between America and Europe is declining. This company has ordered two more fast liners of 13,000 tons burden each and four of 10,500 tons each, for its New York line. At present the company employs 80 steamers, with 302,166 tonnage, and 80 barges, with a tonnage of 15,900.

—It is well known to jewelers that aluminium will mark a glass or "paste" diamond, but not the true gem, provided the surface is wet. This fact has now been applied to the production of a chemical tester, which consists of a small disk of aluminium, rapidly revolved by an electric motor. The stone to be tested is wetted and held against the edge of the disk by means of a spring clamp.

THREW AWAY A FORTUNE.

A Man Who Lost $56,000 Worth of Ambergris.

The little town of Digby, N. S., is very much excited at present over the finding of some ambergris by Mr. Isaiah Kinghorn, a fisherman who lives in Granville, a small village across the river from Digby. Mr. Kinghorn was in conversation with a St. John Telegraph reporter and told the story of his find. He had been rowing along the bay shore at Granville in his boat and noticed some "stuff" floating on the water. It looked to him like tallow. He took it into his boat and rowed to his home at Granville, where he tried to boil it down to make soft soap. Failing to do so, he threw the remainder of the supposed tallow away. He had about 100 pounds of the material in all, he estimates, and had only kept six pounds of it after the rest had been destroyed. He was told that it was a very valuable article, and in consequence he brought a sample to St. John, where it was shown to a druggist, who offered for it a price which by no means approached its value.

Mr. Kinghorn went back to Digby by the steamer Prince Rupert and took the ambergris to a local druggist, who, after close examination identified it, and on looking up the price list found that it was worth three dollars per ounce. The fisherman's feelings can be imagined when he learned that he had wasted about 94 pounds of the ambergris, which, had he kept it, would have brought him for the lot $56,000. As it is, he only has left about six pounds, which will bring him when sold the sum of $3,600.

Mr. Kinghorn left a small piece with the druggist, which weighs about 1½ ounces, and the latter will conduct the sale of the six pounds. The same which was shown to the Telegraph reporter at the drug store was broken from a lump weighing 42 pounds. It resembles a piece of tallow very much. Ambergris is a solid fatty substance of a dull gray color, the shades being variegated like marble, and possesses a peculiar sweet earthy odor. It is a morbid secretion formed in the intestines of the spermaceti whale, and is generally found floating on the seashore and in lumps weighing from one-half an ounce to 100 pounds. The sample is still in the hands of the Digby druggist and will probably be sent to the states, where a deal will be made for the whole. It is needless to say that Mr. Kinghorn, who was so lucky in making the find, is being congratulated from all quarters upon his rapid rise on the road to wealth.

CHARACTER AND HYPNOTISM.

An Individual's Strength Is Power Against All Control.

There would be little indeed in hypnotism and the scientific world might rightly ignore its importance as a subject of investigation if it were proved to have nothing more in it than the dominance of one will over another or the power of so-called "suggestion" to control human minds, says Harper's Bazar.

But, as with any other subject worth investigating, much more is revealed to the student of hypnotism than that which he at first sets out to discover. No sooner, for instance, has he established beyond question proofs of the power of mind over mind and of "suggestion" in control, than he is forced to recognize how little potency lies in either when compared to that great power of resistance to them which is generated by an individual's own strength of character.

No hypnotism in the world, as a great authority has shown, can make a really temperate person, when under hypnotic control, simulate or yield to drunkenness; nor can a truly modest person be induced to do that which would, in waking hours, savor of immodesty. The man with true dignity of soul keeps his dignity intact, and one of real kindness of nature shows no glimmer of harsh feeling.

And thus, as can readily be seen, one more proof from an unexpected source has been added to those already in our possession going to show the value and power of character, of that which a man inherently and intrinsically is, rather than that which he appears to be. It makes out, too, even a harder case against Adam, who need never have yielded to Eve but for a weakness in himself.

SPORTSMEN'S PARADISE.

A Favored Spot for the Deer Stalker and Adept With Hook and Line.

Grant County News.

There is no other place in Oregon where the true sportsman can enjoy himself with less restrictions than in the mountains and valleys surrounding Canyon City. He is allowed a liberal construction of the law, and there are no "trespass" notices to confront him. The mountains are alive with game of all kinds—deer and bear are plentiful and an occasional cougar can be found, and during the open season our citizens feast on the first mentioned, while not a few of the latter fall an easy prey to the unerring rifle of our local sportsmen.

Grouse, ducks, geese, swan, brandts, pelicans, sage-hens and other varieties of the feathered tribe abound and furnish rare sport for the hunter. Occasionally an outside nimrod strays hitherward and such limitless opportunities are afforded him to indulge in his favorite pastime that the following season invariably finds him on the ground again.

The clear, cool mountain streams, filled with shining, gamey, speckeled beauties, hard as the rocks over which the waters flow in which he darts from one deep eddy to another, is to some possibly a greater attraction than the excitement attending a deer hunt or the slaying of the ferocious cougar. And, indeed, there is much pleasure in "landing" a good string of fish, every one of which will bend your pole and cause your line to snap like twisted whipcord before he yields.

It is now the close season and it is to be hoped that the true sportsmen will see to it that the "pot-hunters" do not infringe the law, thus giving the game a chance to multiply and the fish to spawn unmolested.

Tale of a Heifer.

About fifteen years ago the youngest son of Mr. and Mrs E. E. Miller was born, and about the same time Mr Miller bought a little Texas heifer calf, from a passing herd, which he resolved to give his two sons, upon the following conditions: He agreed to give the boys this calf, and all its increase, and to feed and care for them, and whenever this calf or any of its calves should produce a male calf, Mr. Miller agreed to trade it for a female calf. The boys on their part, were not to lay claim to any other animal on the ranch, as boys are frequently in the habit of doing. Mr Miller has faithfully kept his part of the contract, or at least until a few years ago when he ran out of heifer calves, since which time the male increase of the Texas heifer has been sold each year The little Texas heifer also held up her end of the contract, and her increase now amounts to forty head of cows and heifers, not including this year's crop of calves. The boys will let out the forty head this fall, on the shares, and keep the calves to start another herd. There is a morel to this tale which must be plain without further explanation.—Dighton Herald.

WHY WOMEN HAVE THE BLUES.

They Disregard the Rules of Physical Well Being.

"Why do so many women have melancholia?" repeated the doctor, who has a large practice among the "depressed" and "nervous" feminine population. "Because they don't care to avoid it. Because they absolutely disregard the rules of mental and physical well being. Because they would rather eat what they like and suffer indigestion and the blues afterwards than to eat what is good for them but doesn't tickle their palates. Because they'd rather sit about on soft cushions than take a tramp six miles through the open air. Because they haven't enough to occupy their minds and their hands."

Then the doctor paused to take breath and began again somewhat less aggressively:

"It is never the women who have cause to feel blue," he said, "who indulge in blues. The women who have shiftless husbands, hard-hearted landlords, sick babies and all the usual accompaniments of poverty never grow so depressed that they have to be treated for it. They are too busy. It's the woman with an adoring family, social position and a comfortable income who doesn't find life worth living. It isn't the servant girl who gets up at six to kindle the fire and who slaves all day who indulges in melancholia, but the daughter of the family who arises at eight, dawdles over her breakfast, reads a little, practices a little, shops a little, craves excitement with all her heart, and is melancholic because she doesn't have it.

"There is no habit which grows upon one so rapidly," went on the doctor "It becomes a disease in a very short time. My own plan, whenever I feel an attack coming on, is to put on my walking boots and tramp vigorously as far as I can. It is simply impossible to exercise and feel blue at the same time. Of course, a general care of the health is necessary and work is the chief factor in effecting a cure. Every woman who has a tendency to melancholia should have an occupation which, if it doesn't entirely absorb her, will at least keep her busy. And she should give her mind up to practical rather than theoretical affairs. She should study how to put an extra shelf in a cupboard or how to stop a squeaking door, or how to make an overshoe that won't come off at the heel, rather than the teachings of the theosophical school of the philosophy of Herbert Spencer. Ordinarily good health, plenty of exercise, plenty of work, and an interest in the affairs of this world are the great preventives and cures of melancholia."—London Doctor.

A Discouraging Sign.

Mrs. Hunniker—I'm really discouraged about our Will. I don't believe he is destined to be a great man, after all.

Mr. Hunniker—Nonsense, nonsense! What's put that idea into your head?

"Why, look at this letter I've just received from him. He's been in college two years now, and his handwriting is still so good that you can read it right off, about like print."—Cleveland Leader.

HOW FLOUR IS ADULTERATED.

Staff of Life May Be Made From Clay, White Rock or Sulphuric Acid.

While the adulteration of flour is practiced and the law is being enforced strenuously against it, some of the papers are again making a bugaboo of the supposed renewal of the business. The New York Commercial has the following to say:

"The habitual adulteration of flour in this country is becoming a very serious matter and one that should be regulated, or rather annihilated by an act of congress. The man who adulterates it with white clay is a criminal at heart. It is said that the average chemist can not detect the adulteration. What, then, are grocery storekeepers, from whom the vast majority of people get their supplies, to do? The clay with which flour is said to be adulterated, is found in South Carolina. It is claimed that by judiciously using it as an ingredient $400 can be saved on one carload of flour. Another adulterant is white rock which is ground and mixed in. This is not so popular, because in long shipments it sifts to the bottom. Then there is a by product of glucose which is very unpopular with some of the mill men. It contains sulphuric acid, and there is in it so little nutriment that 50 pounds would not be any more sustaining than one good hot biscuit like our mothers used to make. A less injurious mixture is corn flour; that is, Indian meal ground until it is as fine as wheaten flour. Government experts at Washington have failed to detect 15 per cent of this adulterant in samples set before them."

Of course the story is a good one, as the majority of food adulterations go, in fact rather takes the lead of most of them, but is spoiled somewhat by the fact that congress anticipated the Commercial's advice by something over a year ago, and in a recent communication Editor Gallagher of the Modern Mills, informs The Trade that the law against flour adulteration is being rigidly enforced.—West Coast Trade.

Millions Given Away.

It is certainly gratifying to the public to know of one concern in the land who are not afraid to be generous to the needy and suffering. The proprietors of Dr. King's New Discovery for consumption, coughs and colds, have given away over ten millions trial bottles of this great medicine and have the satisfaction of knowing it has absolutely cured thousands of hopeless cases. Asthma, bronchitis, hoarseness and all diseases of the throat, chest and lungs are surely cured by it. Call on E. J. Slocum, druggist, and get a trial bottle free, regular size 50c and $1. Every bottle guaranteed, or price refunded.

SALT LAKE CITY.

An Important Factor in Transcontinental Travel.

No one crossing the continent can afford to cut Salt Lake City from his route. The attractions of the place, including the mormon Temple, Tabernacle and Church institutions, the Great Salt Lake—deader and denser than the Dead sea in the Holy Land—the picturesque environment and the warm sulphur and hot springs, are greater to the square yard than any locality on the American continent.

The Rio Grande Western Railway, connecting on the East with the Denver & Rio Grande and Colorado Midland Railways and on the West with the Southern Pacific (Central Route) and Oregon Short Line, is the only transcontinental line passing through Salt Lake City. The route through Salt Lake City via the Rio Grande Western Railway is famous all the year round. On account of the equable climate of Utah and Colorado it is just as popular in winter as in summer. Send 2c to J. D. Mansfield, 253 Washington, Portland or Geo. W. Heintz, Acting General Passenger Agent, Salt Lake City, for a copy of "Salt Lake City—the City of the Saints."

Brave Men Fall

Victims to stomach, liver and kidney troubles as well as women, and all feel the result in loss of appetite, poisons in the blood, backache, nervousness, headache and tired, listless, run-down feeling. But there's no need to feel like that. Listen to J. W. Gardner, Idaville, Ind. He says: "Electric Bitters are just the thing for a man when he is all run down, and don't care whether he lives or dies. It did more to give me new strength and good appetite than anything I could take. I can now eat anything and have a new lease on life." Only 50c at Slocum Drug Co's. Every bottle guaranteed.

A NEW FEATURE

In Rock Island Personally Conducted Weekly Excursions.

Always mindful of the comfort of their patrons, the great Rock Island Route has again come to the front with a new feature in connection with their personally conducted weekly excursions. All through tourist cars on their personally conducted excursions are provided with the illustrated weekly periodicals, viz: Life, Puck, Judge, Leslie's, Harpers' and Illustrated London News, fresh each week, for the free use of their patrons. They are placed in substantial binders, properly marked with name of periodical, etc. This is a distinctive feature of the Rock Island tourist excursions, and will no doubt be much appreciated by the traveling public. The Rock Island excursions are up to date in every particular.

For full information in regard to Rock Island personally conducted excursions to all points east, write to A. E. Cooper, G. A. P. D., 246 Washington St., Portland, Or.

PARKER'S HAIR BALSAM
Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Cures scalp diseases & hair falling. 50c. and $1.00 at Druggists

A RANCH GIRL'S DILEMMA.

I'm gittin' sort o' nervous now
A-thinkin' of the jolly row
There's mighty sure to be when Jack,
My ex-beau, comes a-marchin' back!
The papers say they're on the sea
A-sailin' home, an' there will be
A scene, I reckon, when he hears
I've shuck him fur a band o' steers!

I used to think there was no boy
On earth could fill my cup o' joy
Clear runnin' over to the brim
With pleasure nothin near like him,
An' used to picture out the life
When I would be his lovin' wife,
An' when he went away I bawled
Till both my eyes was in a scald!

I tol' him I would shurely be
As true an' solid as li he
Was here a-holdin' of his ground
When other riders was around;
But then I had no idee that
A lover like ol' Colonel Spratt,
The cattle king up on the Grand,
'D ask me fur to pack his brand.

He said he never seed as slick
A young upbraided maverick
As me, an' that his heart is just
Swelled up mos' ripe enough to bust,
An' I confessed to him that I
Felt lonesome when he wasn't nigh,
An' when he smacked my lips a smack
I plum furgot there was a Jack!

The presents that he's brought me seem
Jes' like a fairy-story dream,
An' I have got a di'mon' ring
That's sure enough the proper thing;
An' when we're married he allows
The queen o' twenty thousand cows,
An' sich a man as him, 'll be
A-playin' 'em 'way up in G!

But what's a-worryin' o' me
Is thinkin' o' the jamboree
Ther'll be when Jack gits back an' finds
That cowgals sometimes change their minds.
But mebbe he will be consoled
A-thinkin' Colonel Spratt is old,
An' he may git to make a shy
'T a rich young widder by an' by!

—Denver Post.

MEN'S HANDS.

They Are Awkward Appendages in Society—the Bon-Bon Box.

It is sometimes interesting to observe the awkward use men make of their hands at formal indoor assemblages of the two sexes, says the New York Sun. To the larger number these members are a positive incumbrance, and every device is resorted to to find employment for them. Even in the older social centers of Europe a graceful and easy disposal of the hands, by men, is recognized as exceptional. During the reign of Louis XIV., XV. and XVI., when the elegancies of high life were studied in the minutest detail, the superfluity of the hands was a matter of grave concern. Relief was found, however, in the pommel of the sword, the bonbon or the snuff box. These proved havens of refuge, and manual awkwardness was saved from shipwreck. The snuff box endured until the early years of the present century; but since it has passed away the society man is left to such devices for the use of his hands as ingenuity can suggest. The beacon of salvation is at last in sight through the vogue, now in progress of growth in Paris, for the use of bonbon boxes by men. These receptacles are coming into common use, and many are of great cost and beauty of workmanship. They are made in chased gold and silver, or enameled, and set with precious stones. Not only do they contribute a decorative note to social functions, but they offer grateful relief to those men whose hands are apparently superfluous on such occasions. Without doubt this new fashion will find favor with us, and within a brief period thousands of these bonbon boxes will be made in Newark and exhibited in Chicago society as ancestral heirlooms of the time of Louis XIV.

The Rock Island Wall Map of the U. S. Is the best offered to the public. It is very large and specially adapted to school purposes. Every teacher of geography and every business office should have one. It will be sent post paid to any address on receipt of fifteen cents in postage stamps or coin. Address, John Sebastian, G. P. A., Chicago, Ill. 6t

ADMINISTRATRIX NOTICE.

NOTICE IS HEREBY GIVEN THAT THE undersigned has been duly appointed by the honorable County Court of Morrow county, State of Oregon, as administratrix of the estate of C. N. Peck, deceased. All persons having claims against said estate are hereby notified to present the same properly verified to me at the office of my attorneys, Ellis & Phelps, in Heppner, Oregon, within six months from the date of this notice.

Dated at Heppner, Oregon, October 26, 1899.

LOUIE D. PECK
Administratrix of the estate of C. N. Peck, deceased. 4-8

NOTICE OF INTENTION.

DEPARTMENT OF THE INTERIOR, LAND Office at The Dalles, Ore., Nov. 13, 1899.

Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before Vawter Crawford, County Clerk, at Heppner, Oregon, on Saturday December, 23, 1899, viz:

HIRAM E. CLARK, of Heppner, Ore.:

Homestead entry No. 4239 for the southeast ¼ southwest ¼ and south ½ southeast ¼ section 21 and northwest ¼ northeast ¼ section 28, township 2 south, range 26 E W M.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Wm. Dutton, W. O. Minor, Stephen Lelande and Preston Looney, all of Heppner, Oregon

JAY P. LUCAS, Register.
6-61

TIMBER LAND, ACT JUNE 3, 1878

Notice For Publication.

UNITED STATES LAND OFFICE, LA Grande, Oregon, October 24, 1899.

Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada and Washington Territory," Jesse D. French, of Gurdane, County of Umatilla, State of Oregon, has this day filed in this office his sworn statement No 570, for the purchase of the southeast ¼ southwest ¼ section 35, township 3 south, and lots 3 and 4 and southeast ¼ northwest ¼ of section 2, in township 4 south, range 29 E W M, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at La Grande, Oregon, on Saturday the 6th day of January, 1900.

He names as witnesses: Micajah Reeder, Levi L. Hiatt, Frank Goff and James A. Pearson, all of Gurdane, Oregon.

Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 6th day of January, 1900.

3- E. W. BARTLETT, Register.

Timber Culture,---Final Proof.

UNITED STATES LAND OFFICE, THE Dalles, Oregon, October 7, 1899.

Notice is hereby given that Andrew Reaney of Lexington, Morrow county, Oregon, has filed notice of intention to make final proof before J. W. Morrow, United States Commissioner at his office in Heppner, Oregon, on Saturday the 18th day of November 1899, on timber culture application No. 2705, for the southwest quarter of section No. 19, in township No. 1 south, range No. 26 east, W. M.

He names as witnesses: James Cypert, Reuben Lane, J. C. Thompson and James Leach all of Lexington, Oregon.

81-8 JAY P. LUCAS, Register.

NOTICE OF INTENTION.

DEPARTMENT OF THE INTERIOR, LAND Office at La Grande, Or., October 11, 1899.

Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before J. W. Morrow, U. S. commissioner, at Heppner, Oregon, on November 18, 1899, viz:

PHILIP DOHERTY, of Lexington, Oregon.

Homestead entry No. 6243, for the southeast ¼ section 25, township 1 south, range 29 E W M.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Barney P. Doherty, of Lexington Or., James McIntire, of Heppner, Or., and John Doherty and Patrick Doherty of Vinson, Or.

2-7 E. W. BARTLETT, Register.

NOTICE OF INTENTION.

DEPARTMENT OF THE INTERIOR, LAND Office at La Grande, Or., October 4, 1899.

Notice is hereby given that the following-named settler has filed notice of her intention to make final proof in support of her claim, and that said proof will be made before J. W. Morrow, United States commissioner, at Heppner, Oregon, on November 18, 1899., viz:

SARAH E. JONES, (nee Donahoo) of Heppner, Oregon.

Homestead entry No 6025, for the east ½ northeast ¼ and east ½ southeast ¼ section 18, township 2 south, range 28, E W M.

She names the following witnesses to prove her continuous residence upon and cultivation of said land, viz: Jasper Griffith, Lew Howeth, Harry Hayman and Henry Vanderpool all of Heppner, Oregon.

2-7 E. W. BARTETT, Register.

NOTICE OF INTENTION.

DEPARTMENT OF THE INTERIOR, LAND Office at La Grande, Ore., October 24, 1899.

Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before J. W. Morrow, United States commissioner, at Heppner, Oregon, on December 1, 1899, viz:

JAMES KENNY, of Heppner, Oregon;

Homestead entry No. 7278 for lots 3 and 4, section 18, and lots 1 and 2, section 19, township 3 south, range 27 E W M.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Albert Osenin, Eugene F. Campbell, James W. Leahey and Victor Gilbert, all of Heppner, Oregon.

3-8 E. W. BARTLETT, Register.

NOTICE OF INTENTION.

DEPARTMENT OF THE INTERIOR, LAND Office at La Grande, Or., September 5, 1899.

Notice is hereby given that the following-named settler has filed notice of her intention to make final proof in support of her claim, and that said proof will be made before the County Clerk of Morrow county, Oregon, at Heppner, Oregon, on December 2, 1899, viz:

ELIZA J. WHETSTONE, (nee Boyer) of Heppner, Oregon;

Homestead entry No. 6737, for the southeast ¼ northwest ¼ and southwest ¼ northeast ¼ and northwest ¼ southeast ¼ and northeast ¼ southwest ¼ section 27, township 2 south, range 27, E W M.

She names the following witnesses to prove her continuous residence upon and cultivation of of said land, viz: John Byland, Frank Elder, Robert Johnson and Thomas J. Matlock, all of Heppner, Oregon.

3 8 E. W. BARTLETT, Register.

O.R.&N.

DEPART FOR	TIME SCHEDULES From Heppner.	ARRIVE FROM
10:00 a. m.	Salt Lake Denver, Ft. Worth, Omaha, Kansas City, St. Louis, Chicago, Portland, Walla Walla, Spokane, Minneapolis, St. Paul, Duluth, Milwaukee, and the East.	10:15 p. m.
8.00 p. m.	OCEAN STEAMSHIPS From Portland. For San Francisco—every five days.	4:00 p. m.
8:00 p. m. Ex Sunday Saturday 10:00 p. m.	COLUMBIA RIVER STEAMERS. To Astoria and Way Landings.	4:00 p. m. Ex. Sunday
6:00 a. m. Ex. Sunday	WILLAMETTE RIVER Oregon City, Newberg, Salem and Way Landings.	4:30 p. m. Ex. Sunday
7:00 a. m. Tues., Thur, and Sat.	WILLAMETTE AND YAMHILL RIVERS. Oregon City, Dayton & Way Landings.	3:30 p. m. Mon., Wed. and Fri.
6:00 a. m. Tues. Thurs. and Sat.	WILLAMETTE RIVER Portland to Corvallis & Way Landings.	4:30 p. m. Tues., Thur. and Sat.
Lv. Riparia 2:30 a. m daily except Sunday	SNAKE RIVER. Riparia to Lewiston	Lv. Lewiston 12 noon daily ex Saturday

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" COLO. SPRINGS	8:40 p. m.	Arrives TOPEKA	7:30 a. m
Arrives TOPEKA	3:55 p. m.	" KANSAS CITY	9:15 a. m
Arrives KANSAS CITY	6:00 p. m.	Ar. ST. LOUIS, (Wab. R'y)	6:15 p. m
Arrives LINCOLN	2:11 p. m.	Arrives ST. JOSEPH	10:40 a. m
" OMAHA	4:25 p. m.	Arrives LINCOLN (Ex Sun)	6:45 a. m
" DES MOINES	9:30 p. m.	" OMAHA (Ex Sun.)	8:50 a. m
" PEORIA	11:20 a. m.	" CO. BLUFFS	9.10 a. m
" CHICAGO	8:00 a. m.		

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