

MYSTERY OF MERCURY.

An Unknown Factor That Causes the Planet's Erratic Motion.

The planet of Mercury is the smallest of the major planets and the nearest to the sun, which it circles in a little less than three months.

The eccentricity of its orbit is greater than that of any other major planet; its greatest and its least distance from the sun differ by nearly fifteen million miles.

Astronomers have long sought an explanation of the accelerated motion. Some believe that there are other planets at present unknown between Mercury and the sun—bodies that although numerous are too small to be seen.

Another way to detect the presence of new planets in the vicinity of the sun is to take observations during a total eclipse. If there are no clouds at such a time the stars become visible as the sun disappears.

LIFE OF THE GUNS.

It Depends Upon How Long the Linings Can Resist Erosion.

The life of a gun depends upon the progress of erosion, which sooner or later is certain to impair the accuracy of fire.

According to the Iron Age, the hot gases cause a thin film of steel to absorb heat. The film expands and becomes set. Upon the release of the pressure it contracts, which causes minute cracks that grow larger with every discharge.

All guns except small ones are now constructed with linings in the tube which, when the bore is worn out, are removed and replaced by new ones.

The small arms used in this country are considered to be worn out after 5,000 to 7,500 rounds have been fired.

Low velocity guns, such as howitzers and mortars, have correspondingly longer lives than high velocity guns of the same caliber.

Use of "a" and "an."

Do most educated people say "a unique example" or "an unique example?" In deference to the rule they probably write "an," but if you notice their pronunciation, when they are talking naturally and not thinking of how they pronounce, they will almost invariably say "a."

Unforeseen.

Helen was attending her first party when refreshments were served she refused a second helping to be cream with a polite "No, thank you," although her look was wistful.

"Oh, do have some more ice cream, dear," her hostess urged.

"Mother told me I must say "No, thank you," exclaimed the little girl, "but I don't believe she knew the dishes were going to be so small."

Envelopes printed at the Courier

RILEY WAS SENSITIVE.

Why He Stopped Reciting One of His Poems In Public.

"As an illustration of Riley's sensitive nature," said Melville E. Stone, "Jim and I went alone to the theater to see Sol Smith Russell, who also belonged to the Saints and Sinners' Corner. He was playing 'The Poor Relation.' In the play was a scene where Russell took a young boy and put him in a barrel while he removed his trousers to mend them.

"He, like Eugene Field, was devoted to children. He loved them, but he loved them artistically. I am not sure that personally—that is, mind you, hanging to a man's coat-tails—they either of them wanted children around. They lacked the patience necessary for daily contact with children.

"I'm that a little crippled boy an' never goin' to grow An' git a great big man at all, 'cause amity told me so.

GUIDE YOUR BOY NOW.

Keep Him on the Road That Leads to the Highest Citizenship.

This is a good time to think of your boy. If you do not look after him in the right way some one will do it in the wrong way.

Teach your boy to follow in the footsteps of his father, to respect the law, to obey his parents, to regard the rights of all men, to honor virtue, to respect womanhood and to depend upon no one but himself for his advancement.

Teach him that the Golden Rule of life will be found in the Ten Commandments. They are short. They have survived the ages. They stand today unchanged and unchallenged.

The universal drift of mankind is toward decadence. Heredity pays its premium and also exacts its discount.

The boys of today are to be the men of tomorrow. The destinies of the American people are to be in the hands of their sons.

J. PIERPONT MORGAN.



New York Banker on His Way to Business.

PRACTICAL HEALTH HINT.

- Milk in the Home. Good milk is a health producer. Bad milk makes stomach trouble and breeds disease. The three "C's" for the proper care of milk in the home, according to the dairy specialists of the United States department of agriculture, are: 1. Keep milk clean, cold, covered; 2. Milk is a highly perishable food, and the length of time it will remain sweet and safe, especially for children, depends on the specialists say, almost entirely upon the constant care it receives from cow to consumer.

LET HIM MAKE THE SALAD.

And Let Him Hunt For the Ingredients, Too, Says a Woman. Newspaper comment to the contrary, there still remain a few accomplishments in which a man may excel a woman, and, oddly enough, one of these is salad making!

And there you have it. A woman is too careful, too considerate, too conventional, too much hampered by details. But give a masculine lover of good salads a congenial company, full liberty in the use of oil, vinegar and pepper and the freedom of your refrigerator, and you may trust him to produce a masterpiece.

First of all, your salad master enjoys the making of his dish. He puts into it the conviviality of good comradeship and the zest of adventure. He much prefers an exploring expedition in search for his ingredients and some dubious uncertainty as to the result of his efforts to a cut and dried sureness of means and methods.

Next, a man does not want culinary futilities. He is hungry, and he wants his salad to furnish him something to eat, so he puts into it plenty of oil and good substantial vegetables and green things. He likes to eat; he likes adventure and uncertainty; he likes pliancy and pepper; he likes a vigorous way of doing things.

Traveling With a Cello.

Traveling with a cello is as uncomfortable as traveling not only with a baby, but with a donkey. Unless indeed you have an instrument with a convenient hinged door in the back so that you may pack it full of traveling necessities—MSS., and so forth—thus dispensing with a bag, or unless you can cork up its "f" holes and use the instrument as a canoe on occasions a cello is about as inconvenient a traveling companion as the corpse in Steven-son's tale which would insist on getting into the wrong box.—Musical Courier

Curious Superstition.

The ancients believed that the marrow contained in the human backbone often transformed itself into a serpent.

Play "Natural History," volume 10, page 661 says that the marrow of a man's backbone will breed to a snake. The Chinese (Ward's "Eastern Travels") burned the backbone to "destroy serpents that might hatch therefrom"

Queer, but True.

"It's a queer world." "Why?" "Stand up and say that riches don't make for happiness and everybody will agree with you heartily." "That's so." "And everybody will go out and keep right on trying to get rich."

A Thing of Surprise.

"Opinions differ," remarked the museum guide, "as to what period this extinct animal belongs to." "That animal doesn't belong to any period," commented the grammarian. "It belongs to an exclamation point."—Pittsburgh Chronicle Telegraph.

Know that "impossible" has no place in the brave man's dictionary.—Carlyle.

How to Have Plenty of Hot Water Without a Fire.

It is disagreeable to keep a fire during the warm summer months merely for hot water. Have the tinner make a jacket out of galvanized iron, give it a lining of asbestos and place it around the hot water tank. The iron is of such width that two pieces will cover the entire tank and extend far enough above to hold a layer of ashes. The water will stay hot twenty-four hours.

PORTLAND MARKETS

Portland, Oct. 2.—Today's market quotations were: Wheat—Club, 1.27; bluestem, 1.35. Oats—No. 1 white feed, 28. Barley—Feed, 33. Hogs—Best live, 9.85@10. Prime steers, 7; fancy cows, 5.75; best calves, 7.50. Spring lambs, 8.75. Butter—City creamery, 35; country, 28. Eggs—Selected local extras, 40. Hens, 15; broilers, 15@17; geese, 11@14 1/2. Copper, 28 1/2.

Her Words Came True. The squad had been particularly stupid, and the drill sergeant was exasperated. After vainly attempting to induce them to execute some movements he gave the order, "Stand at ease." Addressing them seriously, he said: "I remember when I was a small boy I had a set of toy soldiers made of lead and tin. One day I lost them, and I wept bitterly. My mother told me not to fret; that some day I would find them again, and, by gum, I have!"—Vancouver World.

A Penny Saved Is a Penny Gained. By BREEN. The wise housewife saves many a penny reading the newspapers. If there is a bargain advertised she'll not miss it. She constantly is looking for it. It is up to the merchant. Keep the housewife posted. Let her know through the newspaper what you have to offer. Incidentally men today ransack the newspapers for bargains as assiduously as do women. If you want to sell your wares advertise. Advertise in the best medium, the newspaper. Also if you want to buy successfully read the advertisements.

STATEMENT OF OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.

Of the Rogue River Courier, published daily at Grants Pass, Oregon, required by Act of August 24, 1913: Publisher, A. E. Voorhies. Editor, Wilford Allen. Managing Editor, A. E. Voorhies. Business Manager, A. E. Voorhies. Owner, A. E. Voorhies. Bondholders, mortgagees and other security holders, holding 1 per cent or more of total amount of bonds, None. Average number of copies of each issue of this publication sold or distributed through the mails or otherwise, in paid subscribers, during the six months preceding the date shown above, 930. (Signed) A. E. VOORHIES, Subscribed and sworn to before me this 30th day of September, 1916. W. L. IRELAND, Notary Public. (My Commission expires December 7, 1916.)

TIME CARD The California and Oregon Coast Railroad Company (The Oregon Caves Route) Effective Monday, May 1, 1916. Train 1 lv. Grants Pass.....7:00 a.m. Arrives Waters Creek.....8:00 a.m. Train 4 lv. Waters Creek.....5:00 p.m. Arrives Grants Pass.....6:00 p.m. Daily except Sunday. All trains leave Grants Pass from the corner of G and Eighth streets, opposite the Southern Pacific depot. For all information regarding freight and passenger service call at the office of the company, Public Service building, or phone 131 for same. Train will stop on flag at any point between Grants Pass and Waters Creek. Passengers must be ready to board at every day in the week. BOARD AND ROOMS. ROOM AND BOARD—Pleasant front room in private family, suitable for one or two young men, good board. Call at 615 North Fourth. 864 Letterheads at the Courier.

Classified Advertising

FOR SALE

ANGEL CAKES—Phone orders to No. 190-J. 787tf

WINONA BERKSHIRES—If you want the most pork per lb. of feed, get a Winona Berkshire for your next herd boar. Spring pigs averaged 100 lbs. each at four months. F. R. Steel, Winona Ranch, Rural Route No. 1. 330tf

14-ROOM house, partly furnished, lot 75x100, on Sixth street, for sale real cheap, or will trade. For particulars inquire B. A. Williams, 323 G street. 878

FOR SALE at a sacrifice, modern seven-room bungalow on north side. Have reason for selling. Need \$1,200 or \$1,500 as first payment. Address No. 1709, care Courier. 856tf

120-ACRE RANCH for sale, buildings, small orchard, 40 acres heavy timber. Five miles from town. \$7.50 per acre. Will give time. See O. J. Knips, 616 South Fourth street. 863

FOR SALE—Good milk cow, plow horse, good two-seated spring wagon, double back harness, new steel wheel truck. J. W. Osborn, R. F. D. 1, opposite county home 66

FOR SALE CHEAP—Large iron safe, made by Mosler Safe & Lock company. Size 12x18x24 inside, 24x30x36 outside. Inquire of W. R. Nipper. 864

FOR SALE—20 head young cattle at a bargain if taken at once. A. E. Dixon, route 3, Grants Pass. At Jones Creek bridge. 268

FOR SALE—Two small mules, light wagon and harness, \$175 cash. Inquire P. J. Rush, Takilma, Ore. 65

TO EXCHANGE

TO TRADE—Two lots in Marshfield and some cash for second-hand Ford. Address No. 1730, care Courier. 864

80 ACRES, two miles from growing town, with good irrigation water rights. Will exchange for stock of merchandise or a going business. Write owner, Wm. Sullivan, 609 11th street, Modesto, Cal. 868

GOOD HORSE, buggy and harness to trade for young fresh cow. Call at 911 Orchard avenue. 864

WANTED

WANTED AT ONCE—First class, strictly modern, furnished, five- or six-room bungalow. All improvements, including gas, north side. Will lease for six months, with option of longer period if satisfactory. If you have something meeting these requirements, telephone at once. Will pay well for right place. Phone 280-J. 871

SALESMEN WANTED—To sell our splendid line of fruit and ornamental trees. Good territory. Good prospects. Cash advanced on orders. Albany Nurseries, First National Bank Bldg., Albany, Oregon. 864

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LOST—Between the foundry and the Fashion garage, crank for automobile. Finder return to Josephine hotel. Reward. 865

LOST—Between Grants Pass and Wilderville, 50 ore sacks. Finder please leave at Grants Pass Livery stable, with Peter Gravin. Reward. 864

LOST—Thursday or Friday, on East school grounds or between there and North Second street, child's gold necklace, with initial H on one side, heart-shaped locket. Reward. Phone 145-J. 863

DRESSMAKING

DRESSMAKING and sewing of any kind. Will care for children at your home evenings. Mrs. Lizzie Wright, 713 North Eighth. 864

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CRYSTAL SPRINGS water, put up in 5-gallon glass jars and delivered at your door, fresh, pure, sanitary. Telephone 293-R and water wagon will call.

TAXI STAND at the Mocha Cafe. Any where in town 10c. Phone 181-R. Residence phone 24E-L. 864

ENLARGEMENTS made from your negatives or photographs, portraits or views, in sizes from 5x7 to 14x17. Prices from 20c to \$1.50, in black and white. Coloring extra. Paddock Photo Co., 310 North Sixth street. 864

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L. O. CLEMENT, M. D.—Practice limited to diseases of the eye, ear, nose and throat. Glasses fitted. Office hours 9-12, 2-5, or on appointment. Office phone, 62; residence phone 359-J.

B. LOUGHRIDGE, M. D., Physician and surgeon. City or country calls attended day or night. Residence phone 269; office phone 182. Sixth and H. Tufts Bldg.

J. P. TRUAX, M. D., Physician and surgeon. Phones: Office 325; residence 324. Calls answered at all hours. Country calls attended to. Landburg Bldg.

DR. ED. BYWATER—Specialist on diseases of eye, ear, nose and throat; glasses fitted. Office hours: 9 to 12 a. m., 2 to 5 p. m. Phones: Residence 234-J; office 257-J, Schmidt Bldg., Grants Pass, Ore.

A. A. WITHAM, M. D., Physician and Surgeon. Office: Hall Bldg., corner Sixth and I streets. Phones: Office 116; residence 282-J. Hours 9 a. m. to 4 p. m.

DR. H. WARREN NICE, Osteopathic Physician. Chronic and nervous diseases specialty. Rooms 1 and 2, Landburg Bldg., opposite post office; phone 149-R. Residence: Colonial hotel; phone 167-J.

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E. C. MACY, D. M. D.—First-class dentistry. 109 1/2 South Sixth street, Grants Pass, Ore.

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VIOLIN INSTRUCTION—Franco-Belgian school of violin playing. E. R. Lawrence 215 I street.

J. S. MACMURRAY, teacher of voice culture and singing. Lessons given at home of pupil if requested. Address 716 Lee street. 851tf

DRAYAGE AND TRANSFER

COMMERCIAL TRANSFER CO. All kinds of drayage and transfer work carefully and promptly done. Phone 132-R. Stand at freight depot. A. Shade, Propr.

F. G. ISHAM, drayage and transfer. Safes, pianos and furniture moved, packed, shipped and stored. Phone Clark & Holman, No. 50. Residence phone 124-R.

THE WORLD MOVES; so do we. Bunch Bros. Transfer Co. Phone 15-R.

LODGES

GRANTS PASS Lodge No. 84 A. F. A. M. Stated Communications 1st and 3d Tuesdays. Visiting brethren cordially invited. A. K. Cass, W. M. Ed. G. Harris, secretary.

GOLDEN RULE LODGE, NO. 78, I. O. O. F., meets every Wednesday evening in I. O. O. F. hall, corner 6th and H. Sts. Visiting Odd Fellows cordially invited to be present. Emil Gebers, N. G.; Clyde Martin, Secretary.

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PAPERHANGING, graining, painting. For the best work at lowest prices phone 295-J. C. G. Plant, South Park street.

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DR. R. J. BESTUL, Veterinarian. Office in Winetrot Implement Bldg. Phone 113-J. Residence Phone 305-R.