PLANETS AND GRAVITY.

The Vast Difference In Conditions Upon Its Sand Dunes, Color Effects and Mars and Jupiter.

In an article entitled "Is Mars Alive?" in the Popular Science Monthly comprehensive view of the Red desert Waldemar Kaempffert describes the of Wyoming. A few miles north of the speaking of the different conditions sand dunes, which extends a hundred prevailing on the planets Mr. Kaempf-

would be welcome assistance in moving your body about. This is due entraction which Jupiter would exert may seem to be at first glance. upon you. The bigger the planet the harder are you pulled down to its sur-

earth. A Martian porter could easily carry as much as a terrestrial elephant. A Martian baseball player could bat a ball a mile. A very ordinary Martian athlete could leap with ease over a planet is not able to pull him down with the attractive force that the earth exerts upon us, the typical Martian has conceivably attained a stature that we would regard as gigantic. Three times as large as a human being, this creature has muscles twenty-seven times as effective. His trunk must be fashioned to inclose lungs capable of breathing the excessively attenuated Martian air in sufficiently large quantitles to sustain life. As a canal digger-assuming that he had no machinery-he would be a great success, because he would excavate a canal with the speed and efficiency of a small Pan-

ama canal steam shovel. "Beyond that we cannot go. Intellisence is not necessarily a human attribute. It has so happened on this earth that man has become the domimant race not because of his physical powers, but because of his brains. It may well be that the biological conditions of Mars are such that a creature very unhuman in appearance may have gained the ascendency in the struggle for existence on a planet that is fast drying up."

AN INGENIOUS SNARE.

Uncanny Insect Trap With Which the Pitcher Plant Is Armed.

No trapper ever invented a snare for bis prey more ingenious or a trap that ever had a higher percentage of "catches" than the pitcher plant, for few insects ever escape from the clutches of this horticultural meat eater. He catches them, holds them, drowns them and finally eats them.

And while he's doing it he smiles so innocently and prettily that you would imagine him one of the quietest and most peaceable flowers of the woods.

are a greenish purple and fold together the a cornucopia, with a half closed over into our national experiences with d covering the top. The inner walls this "pitcher" are lined with hairs, which point downward and are covared with a sweet, sticky fluid.

This fluid is regular "candy" for the bees and flies. The insect enters the baif closed door of the pitcher, tastes the honey and begins to explore the interior. As he crawls forward the hairs bend with him and give him free pas mge. But when he tries to return he ands that these hairs are veritable barbed wire entanglements to keep him a prisoner.

The insect tries to fly out, and the curve at the top of the pitcher bars his Way. He dodges this way and that, bewildered, until be tumbles in a little well at the bottom of the pitcher, where he drowns .- Exchange.

GREATER THAN A KING.

The Old Mississippi River Pilot Was a Law Unto Himself.

In that early day to be a pilot was to be "greater than a king." The Missisdppi river pilot was a law unto himself-there was none above him. His direction of the boat was absolute; he could start or lay up when he chose; be could pass a landing regardless of business there, consulting nobody, not oven the captain; he could take the boat into what seemed certain destruction, if he had that mind, and the captain was obliged to stand by, helpless and silent, for the law was with the

plot in everything. Furthermore, the pilot was a gentleman. His work was clean and physically light. It ended the instant the boat was tied to the landing and did not begin again until it was ready to self?" back into the stream; also for those days his salary was princely—the vice president of the United States did not receive more. As for prestige, the Miscissippi pilot, perched high in his glass inclosure, fashionably dressed and commanding all below him, was the most conspicuous and showy, the most observed and envied creature in the

No wonder Sam Clemens, with his bre of the river and his boyish fondsees for honors, should aspire to that stately rank. Even at twenty-one he was still just a boy-as indeed he was his death-and we may imagine how elated be was, starting up the creat river as a real apprentice pilot who in a year or two would stand at the wheel, as his chief was now standa monarch with a splendid income and all the great river packed away h his head.-Albert Bigelow Paine in St. Nicholas.

what is to come, but enjoy the present two that he is my friend."-Houston time, which few of us do.-La Bru- Chronicle.

RED DESERT OF WYOMING.

Sheep Pastures.

West of Creston is obtained the first possible appearance of a Martian. In railroad track is a great stretch of miles, from Green river to North Platte river. The dunes, many of "The bigger the planet on which you them more than a hundred feet high, live, the harder it is for you to move are constantly traveling with the preabout. If you were suddenly transport- vailing winds in a general easterly ed to Jupiter, the largest of the plan- direction. If a few camels and an ets, and if you were able to live on its Arab or two were added to the scene semi-molten surface, you would find it the spectator could easily imagine himhard to lift your arm. A steam crane self in the Sahara desert. Frequent mirages, endless variety of feature and wonderful coloring make the desert tirely to the enormous gravitational at- far from the monotonous stretch it

As the name suggests, the dominant colors are red-russet, brick red and face; the harder it is to put your foot | vermilion-but there is every tone of gray and brown, with not a few shades "Mars is only one-ninth as massive of green, purple and yellow. Unlike as the earth. Hence you would weigh the colors of an eastern American landmuch less on Mars than you do on the scape, those of the Red desert are not dependent on the season, for there is little vegetation to hide the coloring of the rocks and soil.

Despite the sparsity of vegetable growth, the Red desert of Wyoming is moderately sized house. Because his a winter sheep range. The scattered "bunch grass," which looks so meager and dry, is, in fact, excellent forage, curing into hay where it grew and having a high nutritive value. In summer, when the desert is dry and the water holes are few, the sheep are herded in the mountains, where water is abundant and grass is green and tender.

The earlier snows, falling first in the higher mountains and extending week by week to lower altitudes, drive the flocks into the rough fall range between the mountains and the desert. Here they are held until the snow falls on the desert itself, but with the first heavy snowfall they are driven from the foothills to spend the winter in the open, where they find pasture in the spaces cleared of snow by the winds. The winds are not tempered here, but neither is the lamb shorn, and Wyoming winter winds make heavy wool when shearing time comes .- Argonaut.

FRIDAY HAPPENINGS.

They Register Many Important Events In American History.

Are you a good American and do you look on Friday as an unlucky day? You are not superstitious and are quite sure that one day is just like another as far as national significance is concerned? No doubt that is true, and yet the importance of Friday in American history, as it has been worked out, makes an almost convincing showing for itself. We have not forgotten that Columbus discovered the new world on Friday, Oct. 12, 1492. Did you know that he also set sail on the sixth day of the week, that he started on his return voyage on that day and that he reached Palos on another Friday? In addition to six vital points in the Co-His leaves are his insect traps. They | lumbus exploration, which were marked by Fridays, that day was carried

Cabot's commission from Henry VIII. bears the date of Friday. On that day of the week the Mayflower landed, and on a much earlier Friday the town of St. Augustine was founded. One G. Washington was born on Friday, and that day marked the seizing of Bunker Hill, the surrender of Burgoyne at Saratoga, the discovery of Arnold's treason and the surrender of Lord Cornwallis at Yorktown. This was in 1781, almost five long years after John Adams made the famous motion in the Continental congress that "the United States are and ought to be independent." That declaration was made on Friday, the 7th of July, 1776, three days after the actual drawing up of the Declaration of Independence and six years after the Boston massacre, which precipitated the Revolution.-St. Louis Globe-Democrat.

The First Anthracite Coal.

When the first two tons of anthracite coal were taken into Philadelphia in 1803 the good people of that city, so the records state, "tried to burn the stuff. but at length, disgusted, they broke it up and made a walk of it." Fourteen years later Colonel George Shoemaker sold eight or ten wagon loads of it in the same city, but warrants were soon issued for his arrest for taking money under false pretenses.

All but the Cover.

"Did you hear about Scribbles? The police caught him walking out of a hotel writing room with about \$10 worth of the hotel stationery under his coat." "What did he have to say for him-

"Said he was gathering material for a novel."-St. Louis Post-Dispatch.

In No Hurry. Henricita-How long was Emma

married to Archie? Pauline-Only about a year.

"Do you think she will remarry him?"

"Not soon. She told me she didn't know him well enough to marry him a second time."-Judge.

Easy Marks.

The postoffice department tells us that over \$100,000,000 a year is lost in the United States through "wildcat" schemes promulgated through the mails alone. And this is only one channel of fraud.-Merle Crowell in American Magazine.

Will Bear Watching.

"Why are you so suspicious of him?" "He has taken pains to tell me at Children think not of the past nor of least a dozen times within the past day

One Spoonful Gives

Astonishing Results

Central Point residents are astonished at the QUICK results from the simple mixture of buckthorn bark, glycerine, etc., known as Adler-i-ka. FUL of Adler-i-ka relieves almost ANY CASE of constipation, sour or gassy stomach. ONE MINUTE after you take it, the gasses rumble and pass out. Paxson Drug Co.

Ruddy Mars. There seems to have been no reason other than its suggestive color for the selection of the planet Mars as the celestial symbol of the war god. Yet it was universally so regarded in ancient

If we could tell why Mars is red we might hit upon the whole secret of that strange planet. Its color is probably due to some peculiar quality of its soil. It may be principally composed of material resembling our red sandstone, or it may be stained red by an abundance of iron in its rocks.

The clause "It suits to a T." meaning it fits exactly, is as old as the familiar instrument, the T square or T rule (so called from its resemblance to the letter T), used by mechanics and kiln. The local scientist declared that draftsmen for making angles true and | the light was a phosphorescence from for obtaining perpendiculars. The expression was in common use in the time of Dr. Johnson, who is quoted by Boswell as saying of Warburton, "You see they have fitted him to a T."

Condescension. "Isn't the style of music you bave

been playing rather lacking in classic "Oh, yes," replied the highly accom-"But one must show plished girl.

some consideration for the tastes of one's parents."-Washington Star. Deferred to the King.

During the latter years of George III.'s reign all performances of Shake-speare's "King Lear" were forbidden in consequence of the madness of the

LAYING A SPECTER.

A Filmy Blue Light and Some Daring Japanese Police.

In the village of Hase, near Kanzaki, at the end of the Rokosan range, says the Kobe Yushin, rumors were set This remedy acts on BOTH upper and affort not long ago that in the small lower bowel and is so THOROUGH a bours of the morning a phantom could bowel cleanser that it is used success- be seen at the Miyama pass, where fully in appendicitis. ONE SPOON- some time ago a murder was committed by robbers. The ghost, whenever he caught sight of a lonely traveler would attempt to stop him, as if he had something important to say. People reported having seen a filmy blue light hovering in their path. In the whole village no one dared thereafter to walk that way after dark.

The rumor was laughed at by the skeptical police, but late one night a number of officers were instructed to struction in "everything from tanning patrol the haunted pass in the hope of bringing relief to the tortured minds of the timid by proving that there was no ghost or, should he be met, putting him under arrest. Every half hour aft er midnight a different policeman was to traverse the pass. Up to half past 2 nothing happened. Then one of them saw the blue light in front of him. He blew his whistle and ran-back to the police station. The others also ran-in the same direction.

When morning came the whole countryside joined the police in making search for the ghost. What they found near the scene of the blue light was a human skeleton in a long disused lime the poor neglected bones, which were thereupon interred with full Buddhist ceremony at Kase, and the people as far as Kanzaki breathe easier.

Chinese Typewriters.

A Chinese typewriter is a wonderful contrivance. It has 4,200 characters It has only three keys. It can make 50,000 letters or characters by combinations of the basic 4,200. To write a letter you turn a cylinder upon which are the 4,200 characters until the right one comes opposite the keyboard of the guide on another cylinder. After striking the printing key, just as on an American machine, you begin a still hunt for the next character which you are to print, and so on while reason lasts.-Christian Herald.

Get Your Job Printing at the Herald Office (Of Course)

FOREST GROVE POULTRY YARDS

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Barred and White Plymouth Rocks. Silver Laced Wyandottes. R. l. Reds. White Leghorns. Anconas. Largest trade. Best stock.

Eggs, \$3.00 per setting; two settings, \$5.00.

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SALEM, OREGON



Dead Wrong.

"What would you do, Jimson," asked Professor Brainfag, "if you saw a man fall dead in the street without apparent reason?

"I really wouldn't know what to do, sir," answered the young student. "I think I should just let him lie there. It would certainly be wrong of any man to drop dead in the street without first giving his reasons for doing so."-Kansas City Star.

When Cordova Was the World. Cordova, Spain, was a brilliant captal of the world, with half a million conulation, when the rest of Europe was clouded by the deepest lethargy of the middle ages. In the year 950 Cordova was considered the world's fountain of learning and science, and Christian Europe turned to her for in-

Machine Chews Money.

leather to charting the stars."-Argo-

There is a machine in the United States treasury which chews money, and when the old bills come in this machine takes good care that they are not in any condition to be used again. First all the bills are made into piles and then placed in packages. Then the bills are sliced, so that each one is in half pieces. Then the paper is ground up in the machine.

For Sale or Exchange for Oregon

Town or Country Property

280 acres joining new railroad town n New Mexico. All fine rich level grass land. Ideal for poultry, dairy, hogs and cattle. For particulars see or write J. E. BOSWELL, Central Point, Oregon. Jan. 20 tf

Notice for Publication

Department of the Interior, U.S. Land office at Roseburg, Oregon, January 24, 1916.

Notice is hereby given that Fred March 31, 1909, made homestead Entry, ruary 26, 1916. Serial, No. 04816, for the St of NEt and NEt of SEt of, Section 20, Town- H. Pollard of Eagle Point, Oregon, ship 34 S, Range 1 E., Willamette Meridian, has filed notice of intention stead Entry, Serial No. 08577, for th o make Final Five-year Proof, to Wa of NW of Section 12, Township establish claim to the land above described, before W. H. Canon, U. S. Commissioner, at his office at Med-Final Three-year Proof, to establish ford, Oregon, on the 3rd day of March, claim to the land above described, be-

Claimant names as witnesses: Earl C. Smith, Charles Wannel, Charles the 10th day of April, 1916. Humphery and E. J. Bonner all of Derby, Orsgon. Mar. 2d.

Executrix Notice

Notice of Appointment of Executrix with Will annexed and to present

In the County Court in and for the County of Jackson, State of Oregon. In the matter of the Estate of Robert Ashworth deceased.

Notice is hereby given that the Honorable F. L. TouVelle judge of the said court has appointed the undersigned Executrix with the Will annexed of the Estate of Robert Ashworth, deceased.

All persons owing said estate are requested to make payment at once and those having claims against said estate are required to present same duly verified to the undersigned at her residence in Tolo, Oregon, or leave with W. J. Freeman at the office of Freeman Wiley & Co., Central Point, Oregon, within six months from the date of the first publication of this notice.

Date of first publication, January 13, 1916.

ISABELLE BARNARD,

Executrix with Will annexed.

Central Point Auto Line Daily Schedule Leave Central Point Leave Medford

8:00 a.m. 9:00 a.m. 9:00 a.m. 10:00 a.m. 10:00 a.m. 11:00 a.m. 11:00 a.m. 12:00 m. 12:00 m. 1:00 p.m. 1:00 p.m. 2:00 p.m. 2:00 p.m. 3:00 p.m. 3:00 p.m. 4:00 p.m. 4:00 p.m. 5:00 p.m. 5:00 p.m. 6:00 p.m. 6:00 p.m. 7:00 p.m. 7:00 p.m. 8:00 p.m. 8:00 p.m. 9:00 p.m. 9:00 p.m. 10:00 p.m. 10:00 p.m. 11:00 p.m. Saturday 12:00 p.m.

		Contrate canal	***	Berner.
	Sund	ay Sche	dule	
9:00	a.m.		9:00	a.m.
10:00	a.m.		10:00	a.m.
11:00	a.m.		11:00	a.m.
12:00	m.		12:00	m.
1:00	p.m.		1:00	p.m.
2:00	p.m.		2:00	p.m.
3:00	p.m.		3:00	p.m.
4:00	p.m.		4:00	p.m.
6:00	p.m.		6:00	p.m.
7:00	p.m.		7:00	p.m.
8:00	p.m.		8:00	p.m.
9:00	p.m.		9:00	p.m.
			10:00	p.m.
			11:00	p.m.

Waiting Rooms Medford: Medford Pharmacy. Central Point: Sam Moore's. Round Trip 25c

Those who eat most are not always the fattest, so those who read much have not always the most knowledge. -Calcott

Notice for Publication

Department of the Interior, U. S. Land office at Roseburg. Oregon, Feb-

Notice is hereby given that Harry M. Hayes of Central Point, Oregon, who, on February 7, 1913, made Home stead Entry, Serial No. 08565, for Lot 1, Section 10, Township 36 S, Range 2 W. Willamette Merician, has filed notice of intention to make Final Three year Proof, to establish claim to the land above described, before W. H. Canon, U. S. Commissioner, at his office at Medford, Oregon the 17th day March, 1916.

Claimant names as witnesses: Lee Vincent, Edd Vincent, Samuel Collins, Clark Collins, all of Central Point, Oregon.

J. M. UPTON Register.

Notice of Hearing on Final Account

In the County court in and for the County of Jackson, State of Oregon. In the matter of the estate of Lydia M. Amy, deceased.

Notice is hereby given that the underigned has filed his final account in the matter of his administration of the above entitled estate with the Clerk of said court, and the Hon. F. M. Calkins Judge of the Circuit Court, acting as judge of Probate Court, has fixed upon Friday, the 24th day of March, 1916, at 10 o'clock A. M., at the court house in Jacksonville, Jackson County, Oregon, for the time and place for hearing any objections to the said account.

Any and all objections to said account are required to be presented and filed on or before the time set for said hearing.

> FRANK M. AMY, Administrator

Notice for Publication

Department of the Interior, U. S. Dunlap, of Derby, Oregon, who, on Land office at Roseburg, Oregon, Feb-

> Notice is hereby given that Robert who, on February 12, 1913, made Home 35 S, Range 1 W. Willamette Meridian has filed notice of intention to make fore W. H. Canon, U. S. Commissioner at his office at Medford, Oregon, on

Claimant names as witnesses: James H. French, Fred Pettegrew, John E. J. M. UPTON, Register. Graham, Robert A, Vestal, all of Eagle Point, Oregon. J. M. UPTON, Register.

PROFESSIONAL

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