Democratic Watchman.

Bellefonte, Pa., April 12, 1929.

THE ROSE IS RED.

The rose is red, the violet blue; This little bill is overdue.

Please pay it now-don't wait till when The rose and violet bloom again.

For if you do delay it thus, No violet will bloom for us.

Unless you pay, the rose will rest Upon our fair and manly chest.

The birds will sing, but what of that? We shall not hear them Where we're at.

So come across; we need the dough-Not in the spring, but now, y' know.

The rose is red, the violet blue; Do we need cash? I'll say we do!

-Author Unknown

PATIENTS TREATED AT COUNTY HOSPITAL.

Philip Walker, of Blanchard, who had been a medical patient, was discharged on Monday of last week.

Harold Mentzer, a student at Penn State, whose home is in Lancaster county, was discharged on Monday of last week, after having received surgical treatment.

Mrs. John Heverly, of Curtin township, a surgical patient, was discharged on Tuesday of last week.

Miss Mary Hockman, of Walker township, was discharged on Monday of last week, after undergoing surgical treatment.

Mrs. Raymond Smoke, of Fleming, was admitted on Wednesday of last week, and on the following day 2 daughter was born to her. Both mother and babe are doing fine.

Mrs. Levica Martin, of Bellefonte, was admitted on Monday of last week for surgical treatment.

Mrs. William Korman, of Spring township, was admitted on Wednesday of last week for surgical treatment.

F. Lloyd Wetzler, of State College, was admitted on Friday for surgical treatment.

Miss Elizabeth Brown, of Bellefonte, was admitted on Friday for medical treatment.

Joseph Barnes, of Bellefonte, who had been a surgical patient for the past two weeks was discharged on Friday.

Mrs. Anna Burns and child, of Pleasant Gap, were discharged on Friday. Charles Kreamer, of Bellefonte,

was admitted on Saturday for medical treatment.

Mr. and Mrs. John Shaughnessy, of Bellefonte, are receiving congratulations over the birth, at the hospital

INSTALLS NINETEEN NEW RADIO BEACONS

U. S. Makes Progress in Air Navigation.

Washington .- Marked progress has been made during the last year in the establishment by the bureau of lighthouses of additional radio beacons. Nineteen new radio beacons have been placed and installation was begun on twelve more.

The radio beacon marks the greatest advance in aids to navigation since the invention of the mariners' compass. Although the term beacon is used, the radio beacon is in no sense a light. Rather it is a signal. transmitted by radio.

For centuries there have been lighthouses, the first famous one having been the Pharos at the harbor of Alexandria in Egypt. But their beams were useful only under favorable weather conditions. A fog would obscure them to such an extent that a ship might plunge on the rocks almost at the foot of the lighthouse. Later foghorns were invented and bells employed. But here again weather conditions limited their usefulness. Not yet has science satisfactorily solved some of the riddles connected with the transmission of sound from these warning agents.

Nullified by Wind.

A strong wind will carry the sound of horn or bell a long distance down the wind, but only a very short distance against it. A more curious circumstance arises from what are called air pockets. Even in calm weather the wail of the siren will be plainly heard for a certain distance. Beyond that there will be a complete blank. Ships in that blank space will not hear a sound. And then, perhaps a mile farther on, the sound will be clearly heard again. Investigations have been made and theories propounded, but the matter remains a mystery.

It is certain that the sound continues to travel or otherwise it would not be again heard beyond the blank space. But what becomes of it in the meantime? It certainly does not cease. There is a theory that because of some unanalyzed atmospheric condition it rises to a great height, perhaps many thousands of feet, and then, due to some new pressure, descends again to the level of the water. Another theory is that the sound dives under the water and travels along the bottom of the sea for a mile or so and then emerges into the air. It is a well-established physical fact that water is a better conductor of sound than air.

Has Code Signal.

The radio beacon does away with this uncertainty. The signals sent penetrate wind and fog and are ont

Man Far Outnumbered by Lesser Creatures

It is probable that few persons save naturalists ever consider the enormous amount of life other than hu-man which exists in any locality, civilized or not, densely peopled or thinly settled. A plague of rats in London within recent years prompted an interview with a distinguished scientist, who estimated that within the area of Greater London there were 20,-000,000 rats, more than three times as many rats as people.

Sparrows undoubtedly come next in point of numbers among London's warm-blooded population, but the scientist preferred to make his estimate cover all the birds in the United Kingdom. He believed that the bird population would average 800 to the square mile. That would give a total of nearly 97,000,000. Thus the bird population outnumbers the human by something like two to one.

As for the insect population, that is quite beyond any statistician. But, allowing that each bird eats only 50 insects a day, British birds would consume more than a billion insects in a year. Yet such an estimate seems quite futile when we consider that the insect population of a single cherry tree infested with aphides was estimated by a competent authority to be 12.000.000.

Law of Gravity Not

an Obstacle to Incas The ancient Inca fortress of Sacsahuaman is located on a mountain summit 704 feet above the city of Cuzco, Peru. which is itself 10,500 feet above sea level. It is made of huge massive stones, some of which measure 30 by 12 feet and are very thick. Though irregular in outline, they are fitted together so perfectly that a knife blade cannot be inserted between them.

How the seemingly impossible feat of getting these stones to the summit was achieved is explained by the mystics of India. The Egyptians who built the Pyramids, so the legend goes, and the ancient Incas, both knew how to suspend the law of gravity, having learned it from the mystics of the lost Atlantis.

Taken Down

The late Loie Fuller on her last American visit complained to a reporter about the conceit of movie stars.

males are the worst," she "The said. "A young male star in a sealskin-lined overcoat, smoking a dollar and a half cigar, swaggered into his boss' office one day and said:

"'I'll tell you, boss, how I want you to feature me on the bills. I want the names of the cast printed in the usual way in rather small type, and then in giant type'-he raised his voice to a shout-'MY NAME under the word AND.' "'Why not BUT?' said the boss."



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RETURNING

Leave Washington-----4.05 P M Baltimore (Penna. Sta.) ---5,10 "

Pennsylvania Railroad

on Saturday of a little daughter. Both mother and babe are fine.

Mrs. Thomas Way, of Stormstown, was admitted on Saturday for medical treatment.

Miss Beatrice Tierney, daughter of Charles Tierney, of Bellefonte, was admitted on Saturday as a surgical patient.

Mrs. John Benner, of Bellefonte, who had been a medical patient, was discharged on Sunday.

Mrs. Mary Simco and infant, wife and daughter of Andrew Simco, of Bellefonte, was discharged on Sun-

day. Mrs. A. Linn McGinley, of Bellefonte, who had been a surgical patient, was discharged on Sunday.

Miss Lydia Jackson, of Bellefonte, a medical patient for the past two weeks, was discharged on Sunday. Miss Madeline Shirk, eleven-yearold daughter of Mr. and Mrs. J. H. Shirk, of Union township, who has been a medical patient, was discharged on Saturday.

Mrs. George J. Bair, of State College, a surgical patient for the past four weeks, was discharged on Saturday.

TROUT SEASON WILL OPEN ON MONDAY MORNING.

There has been a pronounced nervousness noticeable among a certain class of men in Bellefonte, this week, but the symptoms are nothing to worry about. It is only a forerunner of the opening of the trout fishing season which will occur next Monday morning, April 15th.

The unusually warm weather of the past two weeks has put life into the trout and every morning and evening they have been quite active rising to the early spring flies and bugs on the waters. If the nice weather continues the opening morning should be exceptionally auspicious. Of course the majority of Bellefonte fishermen will be found in their favorite haunts on the opening morning. This means that the same old crowd will be found down on Fishing creek, which is one of the most attractive streams in this section of the State. If he follows his custom of a year ago Charles E. Dorworth, secretary of forests and waters, will have with him for the opening a group of State officials, who will at least enjoy the outing if they don't catch many trout.

Most of the Bellefonte fishermen, however, will try their luck on either Spring creek or Logan's branch, and as both these streams appear to be well stocked they will probably fare better than those who make pilgrimages to more distant waters.

-Subscribe for the Watchman.

practically the same under all weather conditions. The radio beacon consists of a radio transmitter. Most of the 55 now in use are operated only

in foggy weather, but a few operate continuously. No labor is required. The keeper of the light merely turns on the instrument and it automatically sends out its signal until turned off again. Of course, batteries have to be replaced from time to time. Each lighthouse or lightship equipped with a radio beacon has its separate, distinctive code signal. This is steadily repeated over and over again.

The radius of these beacons is obviously far greater than light, bell or horn could possibly be under any conditions. The signals carry for hundreds of miles. No message is sent, but only the code signal. From his knowledge of the coast he is skirting or from his code book, the master of a ship at sea which is equipped with radio can identify a signal heard as that of a particular lighthouse or lightship. Also he can calculate by radio his distance from the transmitting station. This not only warns him off a dangerous shoal or shore but

gives him his position. The first radio beacons were installed outside New York harbor in 1921. They proved successful and were extended to the very foggy waters off the Massachusetts and Rhode Island coasts, where ship traffic is especially heavy. Now there are 55 and installations are constantly go-

Storm-Lashed Island **Crumbles Slowly Away**

ing on.

Helgoland .- This little German isiand, English North sea outpost until 1890, has lost 13,000 square meters, swallowed up by mountainous waves when recent fierce gales caused havoc along the west European coasts as far as Norway.

The damage done here and to the neighboring East Frisian island chain has led the Prussian survey department to appoint a commission to make a scientific study of the whole coast line to ascertain if there is any dangerous acceleration in the gradual subsidence of the German North sea shores. It is known that the whole coast is sinking, but only at the rate of about ten inches in the last 100 years. Coming investigations are expected to show whether the sinking process calls for extra precautions.

They Got the Vacation

Glen Ridge, N. J.-Having kissed successfully, four high school girls are under quarantine. Another girl thought she had the grip. The four thought they could get a vacation by exposing themselves to the disease through osculation. They got the vacation. Their friend had scarlet fever. Forum.

Strange Indian Tribe

The Peel River Indians, a tribe living in the Upper Yukon country are a puzzle to ethnologists. These Indians are as black as negroes, but have long, straight hair and aquiline features. They are proud of their blood and permit no mixed marriages.

Whether they are an offshoot of the Hindu race or descendants of a people who came up the Mackenzie from the Arctic has never yet been established. Today the tribe numbers several hundred and is in prosperous circumstances. Like the Seminoles of Florida, however, they are vanishing because of their antipathy toward intermarrying with other Indians.

Good Reason

Although as big and as strong as the policeman who had arrested him, the man with the close-cropped hair and brutal face allowed himself to be marched toward the police station.

There had been the usual crowd in anticipation of a scrap, but it had drifted away when they saw there was nothing doing. Even the policeman admitted it was the tamest arrest he had made for many a day. "It isn't like you to go so quietly," ae remarked. "What's taken all the ginger out of you?"

The prisoner sighed. "I've got my best clothes on."

Explains Fire-Walking

The late S. P. Langley of the Smithonian institution witnessed the firewalking ceremony in Tahiti and described it in Nature for August 22, 1921. He says that the stones used in the ceremony were tested and found to be of vesicular basalt, whose most distinctive features are its porosity and nonconductibility. He found that these stones could be heated red-hot at one end while the remaining part was comparatively cool. He was of the opinion that while the lower stones of the pit were glowing, the upper layer was fairly cool.

Dutch Mania for Work

You know the Dutch. They have a mania for work. Theirs is a land which had to be manufactured out of inclosed bits of sea and remanufactured now and then by being pumped dry. They scrub the streets as if they were plates off which to eat. And as if all this toil were but a mere trifle, they have invented a language the pronunciation of which requires more labor to the syllable than any other language to the page! -Salvador de Madariaga in the

