

NEW COMET FOUND.

Detected by F. L. Chase on Photographic Plates of Meteors.

The Heavenly Traveler Is Evidently of Considerable Size and May in Time Become Visible to the Naked Eye.

The discovery of a new comet by the Yale observatory is a subject of congratulation and interest throughout the scientific world. The comet shows in the photographic plate some elongations. Its time of perihelion passage of the sun is April 22, and it must therefore be visible for several months, constantly growing brighter. Thus far the observations here indicate that its orbit corresponds with that of no periodic comet known.

The observations taken at the Lick observatory show that the comet is considerably nearer to the sun than is shown by the observations at Yale, and that it may be an extremely bright one. While it cannot be stated positively yet that it will be visible to the naked eye, it is very likely to be so and to become an extremely interesting celestial visitor.

The discovery reflects great credit and considerable fame upon Dr. F. L. Chase, of the Yale observatory, after whom the comet is named. The discovery is especially noteworthy on account of the ingenuity and discrimination with which the new visitor in the heavens was traced and identified after its appearance as a dim and obscure nebula upon photographic plates.

Extensive preparations were made for observing the November meteor shower. With two instruments specially designed for the purpose 16 meteors were photographed. Dr. F. L. Chase, on examining these plates, discovered the presence of a faint nebulous object on four of them and in four different positions among the stars. The positions showed uniform progressive daily motion, indicating that the object was a comet.

In order that there might be no mistake, on November 21 two cameras were again directed to the point of the sky where the object should then be, and four more photographs were taken. These all showed the comet. The discovery was telegraphed to the Harvard observatory, where photographs of the meteor shower had also been made. An examination of their plates showed that the comet had also been recorded.

This is the second comet to be discovered by photographs, and is now too faint to attract notice in an ordinary telescope. The comet has since been twice observed at the Lick observatory, and an accurate position ascertained. It has been observed here also. A preliminary calculation of its orbit shows it to be about 2½ times as far distant as the sun, or 230,000,000 miles away, and that it is coming nearer. It must be a comet of no mean magnitude to be visible at so great a distance.

GOOD CHANCES IN HAWAII.

Only Small Capital Needed to Start a Coffee Plantation That Will Pay.

Robert W. Shingle, of Honolulu, who was the Hawaiian commissioner to the Omaha exposition and who was also sent here by his government to promote travel to the islands, is in New York city. Concerning emigration to Hawaii, Mr. Shingle said in an interview:

"What is wanted is men who have some little capital and experience, who know what business they want to engage in and have some aptitude for it. Sugar is now the chief product of the islands, but its cultivation requires capital. This is also true of rice. I believe that coffee is becoming the staple of the islands, and it can be cultivated by persons who start in with only a few thousand dollars. Pineapples, bananas and other fruits require only a small capital. The government makes liberal inducements to settlers. It exempts them from taxation for five years and offers them public lands on excellent terms. Five or eight acres may be had for nothing; larger areas can be bought for from five to ten dollars an acre. It is possible to lease large plots for three years and then to buy them at the original figure, provided that 25 per cent. has been developed."

NO WINTER EVOLUTIONS.

American Men-of-War to Assemble at Hampton Roads and Be Divided into Squadrons.

There will be no winter evolutions of the North Atlantic squadron. As soon as it is possible to do so all the men-of-war will be assembled at Hampton Roads, where they will be divided into squadrons for duty on such stations as may be established.

It is the general understanding in naval circles that a gulf squadron will be formed. The European squadron will be reestablished, and three ships will be assigned to duty in south Atlantic waters. Some time will elapse, however, before the squadrons are formed, and the authorities are considering what duty shall be given to Rear Admiral Schley in the meantime.

Glue from Seaweed.

A fresh use for seaweed is claimed to have been discovered by a Norwegian engineer, who exhibited an invention at the Stockholm exhibition for producing paper glue, dressing gum and soap from seaweed. The first establishment for this branch of manufacture is to be erected in the district of Stavanger.

Manufacture of Straw in Germany.

The manufacture of straw is one of the most important industries of Germany, giving thousands means of support.

ALASKA COPPER.

Hunter Who Has Escaped for Vengeance of Chilkat Returns to Start New Mining Boom.

Jack Dalton, the frontiersman whom the treacherous Chilkats have long been trying to assassinate, has returned to Seattle from Alaska. His advice is not of Dalton's makeup and the Indians could not have marked a braver man for the scalping knife. If the explorer fears the Chilkat he has never betrayed it by word or deed.

"I don't care," said the pathfinder, "to talk much about it, though it is an old feud. The Chilkats, the most populous tribe of Alaskan Indians, for ages had the Sticks, another big tribe, imprisoned beyond the divide, refusing to allow them to bring their furs and other articles of barter to the coast to sell them to the whites. I determined that I would trade direct with the Sticks and force an opening for other whites. Later I built the Dalton trail and this practically killed navigation on the Chilkat river. The Indians had long been transporting supplies up the Chilkat in their canoes. A change of these conditions greatly chagrined the Indians, and they were still more enraged when I forced my way to the interior and brought back three of our Chilkats who had murdered some white men, defying gunboats and government officials years ago and it deeply embittered the reds against me.

John A. Kirk, a skilled boxer of Jersey City, N. J., will teach young men of St. John's church the manly art of self-defense on their payment of ten cents a night each.

Mr. Forbes says the training will enable the boys to take care of themselves when an emergency arises. He does not believe that it will make them fond of prize fights, but will, on the contrary, make them abhor ring contests.

Mr. Kirk said he would not allow "slugging," and that there would be no public exhibitions by members of the class.

In speaking of the matter Mr. Stoddard said:

"I see no reason why the boys should not learn to box. It is no worse than dancing. When I was at college I boxed and fenced and used the broadsword, and I see no reason why other boys should not do the same. Boxing gloves are no new things with us. A set of gloves was almost the first thing I purchased for the gymnasium ten years ago.

We have decided to have them properly instructed in the art of handling their fists. I believe that it makes a fellow manly to know how to use his fists when the occasion arises. I would hate to think of any of the members of our boxing class graduating into the prize ring, and I don't believe any of them will."

WIFE OF A KING DYING.

Romantic Story of an American Girl Who Was Married to King Ferdinand of Portugal.

The countess of Edia, the only American woman who ever married a king, is reported to be dying in the chateau of Cintra, near Lisbon. In 1862 she married morganatically King Ferdinand of Portugal, husband of Queen Maria de Gloria, of that country. The countess was originally Elise Hensler, and was born in Boston in 1836. After singing at the Park street church in Boston she was sent to Boston to be educated for the operatic stage. Her European debut was made at the Royal opera house in Lisbon. King Ferdinand saw her and immediately fell in love with her. He asked her to marry him, and she consented. King Ferdinand's son, King Luis, was then the actual ruler of Portugal. The father's wife, Queen Maria, had attended her father-in-law's wedding and kissed the American bride. King Ferdinand obtained for his wife the title of countess of Edia. The king was devoted to his wife, and they lived in idyllic existence.

This love idyll came to an end 13 years ago, when King Ferdinand died. Ever since that time the countess has lived in retirement at her palace. She is visited by all the members of the royal family, by whom she is greatly beloved and respected, for they recognize how fine and good her influence has always been. She is treated by them exactly as if she had been born to the purple instead of in a little cramped brick house in Pleasant street, Boston.

The countess has two sisters living in Brookline, Mass., and has corresponded with them regularly. They are quiet, unassuming women, and but few know that they are sisters to the wife of a king.

BETTER BACON FOR SOLDIERS.

Commissionary Department to Ship the Breakfast Article Instead of Sides.

Oscar Turner, Jr., congressman-elect from the Louisville (Ky.) district, attended the Corbett-Sharkey fight in New York in company with John W. Vreeland, of the Farmer's Home Journal.

American soldiers are to be fed a better class of bacon than in the past. The commissary department of the department of the lakes directed its purchasing agents to buy regular breakfast bacon instead of the "sides." Lieut. Col. O. M. Smith, in charge of the commissary warehouse on the North side of Chicago, has just completed the first purchase of the better grade of bacon for the soldiers in Porto Rico and Cuba and the southern camps. The purchase consisted of 500,000 pounds, and as far as it is being delivered at the warehouse by the packers it is shipped to Porto Rico and Cuba.

Along with the bacon are being sent 7,500 barrels of flour, which were purchased during the past few days from Chicago millers.

Map Made of Postage Stamps.

A postage stamp map of England and Wales has been made by D. M. Murrow, Wood Green, London. Although it took Mr. Murrow only two months to draw the outline of the map and to affix the stamps, yet the entire collection, which is valued at 200 guineas, was begun at the age of seven years. The exact number of stamps in the map is 2,139 and no two stamps are alike. All the coast and prominent inland countries are formed of contrasting colors.

Arms Furnished to Enemies.

The rifles with which the East Indian border tribes carry on their struggle against Great Britain are made in England.

London's Imports of Grain amount to about 25,000,000 bushels per annum, \$8,000,000 of which consist of wheat.

Average Height of Elephants.

The average height of the elephant is nine feet.

FLOCK IS SHOCKED.

Rev. Edward L. Stoddard Proposes to Start Boxing Class.

Ernest a Skilled Boxer — Believes the Boys of His Congregation Should Learn to Properly Defend Themselves.

By announcing that he intended to start a boxing class as a new attraction for his Young People's institute Rev. Edward L. Stoddard, rector of St. John's Episcopal church, gave some of Jersey City's pious people a shock similar to that which he subjected them about a year ago by establishing a dancing class in the same connection.

Under the supervision of the vicar, Rev. E. S. Forbes, who has charge of the institute, the boxing class will meet every Friday night.

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GHOST OF MURDERED MAN.

Strange Lights in a Lonely Cottage Bring Terror to Two Men and a Dog.

Some months ago a German farmer by the name of Delay was found in his cottage at Rochester, N. Y., with a dagger in his heart. It was generally believed that he had committed suicide, owing to a love affair. Since his death the cottage has remained empty.

The other night a farmer having occasion to pass by the unoccupied cottage was startled to see a pale blue flame within, and his teeth chattered as he heard cries and groans proceeding from within. Upon arriving at his home he thought this might have been caused by mischievous boys, and resolved to investigate. Next evening, accompanied by his hired man, bulldog and shotgun, he took a position inside the house and awaited developments. Just as the town clock struck the midnight hour the dog commenced to act in an unaccountable manner, and finally, giving vent to a long, dismal howl, he dashed through a window and set off for home at the top of his speed. The shattering of glass was followed by a series of cries and groans that caused the hair of both men to stand on end. Suddenly the same pale blue light filled the room and a shadowy figure glided noiselessly past the two men. Then there was a scream, which ended in a choking, gurgling cry. The party waited to hear no more, but rushed for home.

VICTIM OF HIS OWN JOKE.

Congressman-Elect Turner Gets Info on Predicament in New York.

Neuf certains lots de terre, ensemble avec toutes les bâties et améliorations qui s'y trouvent et tous les droits, voies, priviléges, servitudes, avantages et dépendances qui y appartiennent en quelque sorte, situés dans le District de Trois-Rivières, à la rue Pétroff, n° 33, à deux pas de l'église de la paroisse de Trois-Rivières, sont mis en vente par l'École des Encantereuses, No 840 rue Commune, entre les rues Carondelet et Baronne, dans le Premier District de cette ville, le JEUDI 9 février 1899, à midi, de la propriété ci-après décrite, à savoir:

Présumons... Un certain lot de terre, ensemble avec toutes les bâties et améliorations qui s'y trouvent et tous les droits, voies, priviléges, servitudes, avantages et dépendances qui y appartiennent en quelque sorte, situés dans le District de Trois-Rivières, à la rue Pétroff, n° 33, à deux pas de l'église de la paroisse de Trois-Rivières, sont mis en vente par l'École des Encantereuses, No 840 rue Commune, entre les rues Carondelet et Baronne, dans le Premier District de cette ville, le JEUDI 9 février 1899, à midi, de la propriété ci-après décrite, à savoir:

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