THE ORIGIN OF METEORITES

MANY THEORIES ADVANCED TO EXPLAIN THEM.

The Knowledge of Shooting Stars Ex tends Back to Prehistoric

You have probably wondered as you have watched a brilliant shooting star burn its way through a summer nigh where these strange visitors come from and where they go. A recent publication of the Smithsonian Insti-tution deals with the origin of shooting stars and fireballs, both included in the term meteor. The explanations put forward at different times in the past to account for these striking phenomena are discussed, and the au-thor then takes up the present ideas and the most probable theory as to

their origin.

The knowledge of stones which have extends into the fallen from heaven extends into the oldest history of humanity, back into prehistoric times. Among the Chinese Lines of Europe.

Lines of Europe.

Lines of Europe.

In the effort to conceal military operations—camouflage as it is called in French—the talent of painters and Sculptors is being put to a practical use in the battle lines of Europe. In Scribner's Magazine Mr. Ernest Peixotto writes that it is often necessity regarded as divine gifts. But Peixotto writes that it is often necessity of the state of painters and sculptors is being put to a practical use in the battle lines of Europe. In the effort to conceal military operations—camouflage as it is called in French—the talent of painters and sculptors is being put to a practical use in the battle lines of Europe.

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in behind a pile of rocks, and in the same dayour condition, were formed out of constituents of the same phen observer inside the minimal of the same phen observer back the next evening, and you will feel the same phen observer back the next evening, and you will read almost anywhere, as their composition was an yet into a continued almost anywhere, as their composition was an yet of the same phen observer back the next evening, and the phen observer back the next evening, and the phen observer back the next evening, and many other reasons withdrew every respont from the hypothesis of the corpus and should be contained in the size of the corpus and should almost anywhere, as the contained in the same phen observer back the next evening, and many other reasons withdrew every one on a while and continued an amay other reasons withdrew every one in a while and continued and many other reasons withdrew every one in a while and continued and many other reasons withdrew every one in a while and continued and many other reasons withdrew every one in a while and continued and properly of their terestrial origin. According the content of the interior of one one in a while and continued and the properly of their terestrial origin. According the content of the there were the possibilities as a ring around it, like that of Saturn, out status of the content of the content of the content of the same character. By attorigin of their own of the content of the same character. By attorigin of their own and the content of the same character. By attorigin of their own and the content of the same character. By attorigin of their own and the content of the same character. By attorigin of their own of the content of the same character. By attorigin of their own of the corpus of the same character. By attorigin of their own of the corpus of the same character. By attorigin of their own of the corpus of the same character by attorigin of their own of the corpus of the same character. By attorigin of their own of the corpus of the corpu

their own observers in his place.

To make typewriters less noisy a cleveland inventor has patented of the meteorites and upon the times of arrival of meteorites of like composition. According to this theory, which is generally accepted to-day, from the shape and the slicken sided surfaces of meteorites they are fragments broken from small planetary masses by volcanic explosions. Such explosions can only be brought about by sudden expansion of gases and steam, among which hydrogen may have been in the first rank.

Vulcanism as a cosmic phenomenon is the destroyer of planetary masses, as we learn from the constituents of a swell-beaten ergo, and tribed out only when halfalfa is free from moisture of any kind.

Sheep should never be allowed to shirt time should be increased a little from day to day out the skin, and trimmed with a lace also manufactured from bananas. Perhaps dick of the type to a dull thud.

Cornstarch Pudding with Fruit.

1 pint of milk, 4 tablespoons cornstarch mixed with a little cold water, and cook five minutes in double boiler on fire, let corn-starch boil, return boiler to place, add sugar, egg and wall allowed to should never be allowed to shind.

Sheep should never be allowed to strike the affalfa is free from moisture of the inner side of a banana skin—of the inner side

as we learn from the constituents of meteorites, in harmony with the solar development of stars, which all go through a volcanic phase. The broken bits after their separation are arranged in swarms which cross the orbit of ed in swarms which cross the orbit of ed in swarms which cross the orbit of the sugar and cream. An excellent way of using up small amounts of canned fruits.

Straw, fodder, and the straw, fodder, and the swarms with a definite turn boner to place, and salt beaten together, and cook two minutes, stirring continually. In experimental trails, averaging to days each, alfalfa was compared to timothy and prairie hay. The lots of using up small amounts of canned fruits.

Meteorites then, according to the authority quoted, undoubtedly comes from within our solar system and are broken bits of a world body destroyed by volcanic events.

Steamed Cranberry Pudding, 1/2 cup suet (ground fine), 1 cup sugar, 1 egg, 3 cups flour or 2 cups flour and 1 cup dried breadcrumbs, 2 teaspoons baking powder, 1/2 cup milk, 1/2 cups cranberries. Beat the egg and add to milk. Mix dry ingredients, add suct, milk and egg. Stir in berries. Put in a greased mold, and steam three hows.

You Can Do Your Bit in preventing waste by demanding the whole wheat in breakfast foods and bread. Shredded Wheat Biscuit is 100 per cent. whole wheat Serve with milk or cream, sliced peaches, bananas or other fruits.



the hypothesis that they did originally belong to our planet.

There have been many respected adherents of the hypothesis of the origin of meteorites from the volcanoes of the moon, upon which craters could be seen, and not until it was established that a volcano on the moon would not possess sufficient energy to impart to an ejected block of stone the necessary little velocity to reach our earth did the hypothesis of lunar origin fall into disfavor. The idea that meteorites were formed out of constituents of the atmosphere was held only as long as the first of the many dead were left on the many German dead were left on the many German dead were left on the many German dead were left on the Malliams' Pink Pills, which are suitied. Among them was a large, fat, red-haired German who had fallen on a bit of rising ground in a good place a for observation. It occurred to the colonel that a French observer might be useful at that point. The sculptor made a fat, red-haired German did the hypothesis of lunar origin fall into disfavor. The idea that meteorites were formed out of constituents of the moon them was a large, fat, red-haired German who had fallen on a bit of rising ground in a good place a posterior. It occurred to the colonel that a French observer might be useful at that point. The sculptor made a fat, red-haired German dout of corpse and that a point of the most delicate constitution. These pills a dible for the most delicate constitution. These pills and the red-haired German who had fallen on a bit of rising ground in a good place and strength on will give you a new a bit of rising ground in a good place and strength on the moon would not corpse and that a pill of rockers of the moon the moon deleased and that a point and the possess sufficient energy to impart to a sufficient energy to impart to a possess sufficient energy to impart to a po

000000000000000 How to Purify the Blood

Fifteen to thirty drops of Extract of Roots, commonly called Mother Seigel's Curative Syrup, may be taken in water with meals and at bedtime, for the cure of indigestion, constipation and had blood, Persistence in this treatment will effect a cure in nearly every case."

Get the genuine at druggists.

THE RED CROSS FOUNDER.

Henri Dunant Was One of World's Greatest Benefactors.

One of the world's greatest factors, who died in a nursing home in Switzerland in his eighty-third year, was Henri Dunant, who had lived grain prepared in a digestible form—contains more real nutriment than meat or eggs or potatoes and costs much less.

"happy thought" had brought untold benefit to mankind, and helped more potatoes and costs much less.

"happy thought" had brought untold benefit to mankind, and helped more horrors of war. The plain fact is that every Red Cross train, every Red Cross ambulance, and every Red Cross nurse and surgeon and helper, is a monument to this man with a big

pleasure trip in Italy when the great battle of Solferino took place. He witnessed the terrible sufferings of the wounded left untended on the field. He called the women of the district to his aid and had the wounded carried to a neighboring church, where he tended

This terrific experience, and the work of Florence Nightingale in the Crimea, led him to initiate an inter-Crimea, led him to initiate an international agreement for the better care of the wounded in battle, and the famous Red Cross Convention was the girl. McCall Pattern No. 8080, Girl's Dress. In 6 sizes; 4 to 14 years. "FAKING" ON BOTH SIDES.

A Tragi-Comedy Between the Battle
Lines of Europe.

of the wounded in battle, and the famous Red Cross Convention was the girl. McCall P to Dress. In 6
representatives of twelve Powers in Price, 15 cents.

the "messengers of heaven" were generally regarded as divine gifts. But with the advance of Christianity another idea of meteorites became prevalent. Gradually there was lost the Oriental conception of them as blessings, and though the whole Middle Ages and almost down to the present day the falliance of a proposition.

Passing over the beautiful mythical conceptions of the Oriental peoples and the assumption in the Middle Ages that they might be due to lightning one can divide into two groups those holding opinions as to the origin of meteorites; supporters of the hypothesis that they came from space and did not belong originally to the earth and its atmosphere and the supporters of the hypothesis that they did originally belong to our planet.

There have been many respected advanced the middle Ages and after nightfall makes his way back to his own trenches.

Scribner's Magazine Mr. Ernest Peixotto writes that it is often necessary to model "fake" horses and trees for observation purposes.

The work is extremely dangerous, for it is not easy, with the Germans a stone estable the germans a stone's throw off, to crawl out of the trenches at night, remove the carcass of a flores and put an imitation in its place with an observer inside so that no one will know the difference in the morning.

Trees are of vital importance. An old blasted stump may stand between the lines in an advantageous position. The sculptor models a duplicate of the tree, the stump is removed at night and the duplicate erected in its place with the observer inside. He remains all day, peering down into the enemy lines, and after nightfall makes his way back to his own trenches.

Once, after an attack by the French, many German dead were left on the load is a general proposition. The sculptor models a duplicate of the received in its place with the observer inside. He remains an advantageous position. The sculptor models a duplicate of the receive with the observer inside and the serious illness has been avoided by the prompt use of Dr. Willia

For protecting trousers from mud a French inventor has brought out a guard to be attached to shoes like a spur.

French inventor has brought out a guard to be attached to shoes like a spur.

The tomato is an excellent article of food. It is properly a yegetable fruit. The tomato is valuable because of the citric acid which it contains, and also on account of its large supply of vitamines and iron. One pound of tomato contains enough iron to supply the body needs for one day. The tomato is an excellent food for persons suffering from a deficiency of blood or blood coloring matter.

Tries announcement will interest many of our readers. If your druggist hasn't any freezone, tell him to surely get a small bottle for you from his wholesale drug house.

Two Desirable Models





An apron on this order is always appreciated and makes a most acceptable gift also. McCall Pattern No. GIRLS! LEMON JUICE 8083, Ladies' Apron and Sleeve Pro tectors. In 1 size, suitable for any size from 34 to 44 bust. Price, 15

These patterns may be obtained from your local McCall dealer, or from the McCall Co., 70 Bond St., Toronto,

No foolishness! Lift your corns and calluses off with fingers -It's like magic!

0-0-0-0-0-0

Sore corns, hard corns, soft corns or any kind of a corn, can harmlessly be lifted right out with the fingers if you apply upon the corn a few drops of freezone, says a Cincinnati authority.

GIFT OF RURAL CHILDREN.

Motor Bus, Costing \$2,500, Presented To Military Hospital.

The rural school children of Ontario out of money they raised at their fall fairs, presented the Military Orthopaedic Hospital at Toronto with a big motor bus in which to carry their soldiers-student-patients to and from the schools in which the Military Hospitals Commission has arranged for their vocational training.

Premier Sir William Hearst made

the presentation for the children who were justly proud of the vehicle which is valued at \$2,500, and which the men declare is the finest gift they had yet.

THE ONLY MEDICINE

Mrs. H. Blanche, St. Pamphile, Que. writes:-"I have obtained great results from the use of Baby's Own Tablets. They are the only medicine I know of that one can depend upon o promptly cure bowel and stomach troubles.' The Tablets never fail to Brockville, Ont.

THE WORLD'S HIGHWAYS. Paved Roads in Babylon As Early as thirty minutes in a shallow pan.

2000 B. C. If it is true, as has been said, that road-making is one of the first signs of civilization in a people, then civilization must have dropped back tremendously during those mediaeval centuries known as the "Dark Ages.", with the story of Israelitish slaves, whipped to energy by Egyptian task-masters before the great day of deliverance dawned. There is mention of great radiating paved roads in Babylon 2000 B.C. The Ancient Greeks, though a seafaring race, ex-Greeks, though a seafaring race, ex-Gree tended their conquests by land, and then as now the conquest of new lands, whether by war or commerce, involved the making and maintenance

IS SKIN WHITENER

How to make a creamy beauty lotion for a few cents.

year's show are larger than ever.

Tree leaves as a rule are free from insects and disease and are valuable for piling up and rotting over winter for turning under in the garden in the spring. It is generally safe to use tree leaves for this purpose when it may not be safe to use potato vines, nee vines and vegetable tops from any may not be safe to use potato vines, pea vines and vegetable tops from any plants that show indications of in-sects or disease. These should be gathered and burned, not permitting them to lay on the soil for any length of time.

Freesias are easily grown and are deliciously fragrant. Plant five or six in a six inch pot or fill a fern dish with them.

The city of Riga is the seat of government for the Province of Livonia. Under normal conditions it has a population of 504,000.

VEAST CAKE

an easily be made at one baking, and paf will be just as good as the first.

E.W.GILLETT COMPANY LIMITED PEO TORONTO, ONT. MONTREA

Clean Food in Winter.

W.GILLETT COMPANY LIM

is important that the larder should always be kept well aired, so that the contents may be fresh and sweet. To prevent dust and smuts FOR LITTLE ONES getting in through the open window cover it with a piece of butter muslin. This lets the air penetrate and, at the same time, keeps everything spotless.

NEW-LAID EGGS, POULTRY, PEAS, beans, honey, onlons wanted. High-est prices given. J. D. Arsenault. 1195 St. Catharine East, Montreal.

Minard's Liniment Cures Garget in Cows

A war cake may be made with the relieve the little one and besides the following ingredients: 4 tablespoons mother has the guarantee of a governdripping, ½ cup sugar, ½ cup milk, 1 ment analyst that they are absolutely safe. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., prophyllic Opt. spoon molasses, 1 egg.
dripping, beaten egg and molasses.
Add to the flour the baking powder and spices. Add the milk and flour alternately to the first mixture. Bake

> MONEY ORDERS When ordering goods by mail, send

In earlier times roads and paved ways were skillfully made and well maintained in the world's most highroad of Egypt, says the historian, was a mighty work which employed a 100,a mighty work which employed a 100, deep and six inches apart. Lillies 000 men for ten years in a remote past. Doubtless its history, like that of the famous pyramids, is bound up with the story of Israelitish slaves, whipped to energy by Egyptian task-whipped to energy by Egyptian task-what.



boiled eggs, toast, 1 cup milk, ¼ cup grated cheese, ½ teaspoon salt, 1 tablespoon flour, few grains cayenne. Make a thin white sauce of the milk, flour and seasonings. Add the cheese and stir till melted. (Do, not boil or the cheese will toughen.) Put the

TORONTO FAT STOCK SHOW

One of the coming events which all live stock men and farmers should not miss is the Toronto Fat Stock Show, to be held at the Union Stock Yards, on Friday and Saturday, December 7th and 8th. The Auction Sale always brings record prices, and it is well worth your time to see the competition among packers and butchers for the prize winners. Entries for this year's show are larger than ever. minutes. Scald a pint of milk, thicken it with two tablespoonfuls of flour and one of butter rubbed to-



characters 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, were borrowed by the Arabs along with the decimal system of notation from the Hindus.

Minard's Liniment Cures Diphtheria. PRODUCE

MISCELLANEOUS ** A EAVEN AND HELL!"—Sweden-borg's great work on a real world beyond and the life after death; 400 pages; only 25 cents postpaid. W. H. Law. 486D Euclid Avenue, Toronto.

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Maple Sugar Makers Wide awake Maple Syrup Maker

will consult their best interests by ordering their supplies now instead of delaying until March, our busiest time. Write for our free booklet telling about our "Champion" Evaporator, med in 22 sizes suitable for large or small groves. THE GRIMM MNFG. CO., LIMITED

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but you can clean them off promptly with ABSORBINE

and you work the horse same time.

Does not blister or remove the hair. \$2.00 per bottle, delivered.

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Book 4 M free. ABSORBINE, JR. BOOK 4 M free. ABOOKBIRS, Manhammer and Community of the antiseptic liniment for mankind, reduces Varicose Veins, Ruptured Musicles or Ligaments, Balarged Glands, Wens. Cays. Allays alm quickly. Price 21 and 22 a bottle at druggists or delivered.

W F. YOUNG, P. O. F., 516 Lymans Blug., Montreal, Can. absorbine and Absorbine, Jr., are made to Canada.

ITCHY SCALP RASH

That Burned and Pained Four Years. Hair Came Out. Loss of Sleep.

"My scalp was red and very itchy, and a fine rash developed which burned and pained incessantly. This seemed to destroy the hair roots, causing my hair to come out, which disfigured the top of my head. It also caused loss of sleep.

The trouble lasted four years. Then "The trouble lasted four years. Then I sent for a free sample of Cuticura Soap and Ointment which encouraged me so I bought move, and I had one cake of Cuticura Soap and one box of Ointment and I was healed." (Signed) John Cunningham, Church St., Antigonish, N.S., April 4, 1917.

Why not make Cuticura your everydaytoilet soap and prevent skin troubles? Absolutely nothing better.

For Free Sample Each by Mail address post-card: "Cuticura, Dept. A, Boston, U. S. A." Sold everywhere.



Outdoor Workers are subject to exposure to all kinds of weather, and strenuous outdoor work brings the rheumatic aches. You can't afford to be laid up, so heed that first twinge of rheumatism. Use Sloan's Liniment. Clean and con-venient, no need to rub, no stains, no clumsy plasters and your pain disappears.

disappears.

Sprains, strains, neuralgia aches and stiff, sore muscles are all relieved by the application of Sloan's Liniment. Generous size bottles at all druggis 25c., 50c., \$1.00.

Sloan's Linimeni