

PHOTOGRAPHING BY VENUS.

Photograph Made by Reflected Light After a Journey of 160,000,000 Miles.

Dr. William R. Brooks, F. R. A. S., director of the Smith observatory and professor of astronomy, Hobart College, describes in the August Century, with pictures made from photographs by himself, certain recent experiments he has made in photographing scenery and people by the light of the planet Venus.

Photographing by Venus light sounds strange, indeed, but it is an accomplished fact. By this is not meant the photographing of the image of the planet itself through the intervention of the telescope or camera, but the use of the simple direct rays from Venus, just as they come from the planet.

Queen of beauty. Stars of the evening, beautiful stars. These experiments were not, however, conducted when Venus was "morning star," but in its more recent phase as "morning star."

It is well known that objects placed in the path of the rays of light coming from Venus when brightest will cast distinct shadows. These are very sharp and well defined when received upon a white surface.

Was this light of sufficient actinic intensity to affect the photographic plate? The thought rested with me for some time, and at length I decided to make the test.

A piece of clear glass was placed in a photographic printing frame, on which was laid a piece of lac; on this, in turn, a reticulate dry plate was placed, and the back of the frame was closed, pressing all into contact.

The two plates were exposed side by side to the rays of light coming from Venus through the open shutter of the observatory dome. All other light was carefully excluded except that which came from the planet, and the exposure was made at the darkest hour of the night, after Venus had arisen, and before the approach of dawn.

A PEER'S PRIVILEGE.

If Deemed to Execution He May Demand a Silken Cord for His Own Use.

Peers have many privileges besides that of being tried by brother peers, says the St. James Gazette. If any member of the house of lords ever should find himself at the foot of the scaffold he may demand to be hanged with a silken cord.

Lord Ferrer's death agony was prolonged, to please his own vanity, for nearly three hours. That was the length of time occupied by the procession to the gallows, in which the police, grenadiers and the sheriff took part.

Lord Ferrer was right in supposing that the people would never see the execution of another lord. He was the last of the peerage to die on the gallows. But he was not by any means the first.

REVIVAL OF A SIMPLE CRAFT.

Veneering Machinery Helps to Increase the Manufacture of Wood Mosaics.

Wood mosaics are not by any means modern in their origin, but the invention of veneering machinery makes possible a wider application of the work which should recommend it.

It is not the person who starts and runs directly across the track, said the motorman, "that worries us and ruins our nerves so much as it is the person who hesitates and seems undecided in which direction he, or more usually she, is going to run.

Dr. Nagels, director of the Buenos Ayres national board of health, reports that during a recent trip to Paraguay he accidentally discovered that naphthalene is an excellent remedy for mosquito bites.

MIDNIGHT BREAD LINE.

Hundreds of HUNGRY MEN Gather at That Hour at a New York Baker's Door.

Toward midnight, when all New York, with the exception of the comparatively few people whose callings keep them up at that hour, is fast asleep, and the great avenues of trade are silent and deserted, any pedestrian who happens to walk in the vicinity of Tenth street and Broadway witnesses a singular sight.

At the stroke of midnight a door opens and light streams out on the dark sidewalk. The "crowded" life presses up toward the open doorway, where several white-capped and white-aproned men stand beside great piles of loaves of bread.

There is a grateful odor of coffee, too, and it is soon apparent that the outside crowd is appreciative of the fact, for they press harder as one after another at the head of the line receives from the white-capped men a loaf and a mug of hot coffee, and then, mumbling his thanks, marches off to make room for the next.

Some receive half a loaf, others a whole one, and if the night is chilly and frosty, the coffee is in as much demand as the bread.

PONY AND RATTLESNAKE.

Intelligent Little Animal Rushes to the Rescue of Children and Kills the Reptile.

A California farmer, who has three small children, owns a pony which is their constant companion. They have ridden him, rolled over him, fed him, and have come to consider him as one of the family.

The children huddled together, too much frightened to move, but as the deadly reptile went back there was a quick rattle of hoofs, a rush through the bushes, and the pony appeared.

It is impossible to say exactly which people have changed least in facial appearance, because we have no records of sufficient antiquity. There are preserved in Egyptian temple paintings which are at least 4,000 years old, and yet the figures of men represented on them cannot be distinguished from types now existing.

HUMOROUS.

The human animal has neither horns nor tusks nor doesn't miss them since it has a tongue.—Ran's Horn.

"Our big, fat meat man is a paradox." "How so?" "Why, he gets fatter and fatter and still he says he loses flesh every day."—Philadelphia Bulletin.

"No Need for That."—"The doctor says I must go away for a change of climate," said Mrs. Dukane. "If that's all you need," replied Mr. Dukane, "stay right here, and the change of climate will come to you."—Pittsburgh Chronicle-Telegraph.

Merely Buying.—Mrs. Jones—"What's your hurry? You're not off for the seashore now?" Mrs. Smith—"No, not until to-morrow. I'm going down-town now." Mrs. Jones—"Shopping?" Mrs. Smith—"No, I haven't time for that, there's so many things I simply have to buy."—Philadelphia Press.

JUST WHAT TO EAT.

The Proper Food to Consume if People Want to Prolong Their Lives.

Anatomical experiment and investigation show that the chief characteristics of old age are the deposits of earthy matter of a gelatinous, fibrous character in the human system.

As observations show, man begins in a gelatinous condition; he ends in an osseous or bony one—soft in infancy, hard in old age. Of course, these earthy deposits, which affect all the physical organs, naturally interfere with their functions.

Entire blockage of the functions of the body is then a mere matter of time; the refuse matter deposited by the blood in its constant passage through the system stops the delicate and exquisite machinery which we call life.

Earth salts abound in the cereals, and bread itself, though seemingly the most innocent of edibles, greatly assists in the disposition of calcareous matter in our bodies.

Prof. Marshall, the noted English economist, estimates that \$390,000,000 is spent annually by the British working classes for things that do nothing to make their lives nobler or truly happier.

INDIAN GRATITUDE.

ARMY OFFICER RELATES AN INSTANCE Which is Exemplary of Its Existence.

A number of literary men at a New York hotel were lately discussing the Indian character, says the Detroit Free Press, several asserting that all "red-skins" were unconscious of the "sense of gratitude," when Col. Prudmas Ingraham said:

"I doubt if Lieut. E. L. Keyes, or the late Lieut. Alfred Bache, both formerly of the Fifth cavalry, will agree with you, who make this sweeping charge. At one time in the Indian territory, prior to its settlement by the whites, Keyes happened to save a squaw from a wet death.

"Six months later, Lieut. Bache lay seriously ill at Fort Apache, 300 miles distant from the San Carlos. Without saying a word to anyone Tun-elah took a young antelope, leading it by a halter and larial worn of beads, and walked every step of the way to Bache's quarters, where she presented him with the animal, saying it was 'good medicine' and would make him well.

PREPARATION OF BARLEY.

How the Grain is Manipulated by Women of the Faroe Islands.

Among the rocky fields of the Faroes stand cabins built of rough stones and turf, used for drying barley. The cold summers here never ripen the grain, and, after it is cut in October, it must be subjected to a strong heat for from 24 to 36 hours.

But this treading of the barley does not sufficiently separate the grain from the husk. The next step is to beat it with flails; not the jointed flails formerly in use in America, but "trekyutur," which resembles a baseball bat.

The Gentleman's Psalm.

A reader of the Scriptures emphasizes the fifteenth psalm as the gentleman's psalm, because it describes as among the many who are entitled to be considered as gentlemen "one who leadeth an incorrupt life, speaketh truth from his heart, doeth no evil to his neighbor, is lowly in his own eyes, keepeth his word even if it is to be to his own hindrance."—Indianapolis News.

It Would Sleep So.

Rubberton—May I inquire what your business is, stranger? Stranger (haughtily)—Sir, I'm a gentleman. "Well, I reckon that's a good business, stranger, but you're not the only man that's failed at it."—Chicago Daily News.

A Wonderful Man.

A man's idea of a phenomenon is another man who never loses his collar button.—Chicago Daily News.

SCHOOL AND CHURCH.

Christians form less than one per cent. of the population of India. Education enables us to know, to weigh and determine the truth.—Rev. Dr. Lewis.

There are ten churches in Massachusetts that give more money for missionary and benevolent uses than they spend in maintaining their own churches.

The slow growth of Christianity among the students of India is attributed to the fact that in deference to heathen public opinion the English government excludes the Bible from the colleges and schools, while the reading books give selections from the religious books common to India.

A WORTHY MEMBER.

Veracity Club Blames to the Long-Haired Lying of an Injured...

Elaborate arrangements are being made by the Veracity club to hold an inquest on Smith. To at once relieve any possible feeling of horror, assurance is given that Smith is not dead.

Smith is short, fat and dangerously near 50 years old. Long years ago he belonged to a baseball team that held the championship of an agricultural country, and he has never disowned himself of the idea that he will one of the greatest baseball players without a professional engagement.

Through the hired girl the club has learned that Smith battered himself getting in a piece of ice. He slipped, split his head on the corner of the cake, struck his head on the edge of the refrigerator and fell into a coal bin filled with broken chairs, garden hose and cracked jars.

A fruit supposed to bear the mark of Eve's teeth is one of the many botanical curiosities of Ceylon. The tree on which it grows is known by the significant name of "the forbidden fruit," or "Eve's apple tree."

"There is only one sure cure for smoking," remarked the physician, "and that is death." "They tell me," rejoined the druggist who attends church occasionally, "even that fails in some cases."—Chicago Daily News.