

BIRD FLIGHT A SECRET.

Has Not Discovered the Reasons for Certain Phenomena. Thousands of learned papers have

been written on the flight of birds,' said a mechanical expert of this city, "and all the flying machine enthusiasts have given the subject endless study and investigation, but, strange to say, we know almost exactly as much about it now as we did in the beginning-in other words, nothing at all. Every theory that has been advanced has been knocked sky high by other theories equally plausible, and the only result of all the labor that has been expended is the accumulation of a mass of data from which some genius of the future may be able to an excellent medicine it is. Had I known evolve an explanation. The great se- it at first it would have saved me a great cret of secrets is what is known as 'floating' or 'poising.' Most of us have seen a hawk, for instance, on a clear, still day, hanging apparently motionless in the upper air. Whether the outstretched wings are really still or whether there is a slight but continual shifting to take advantage of aerial currents is not fully determined. Floating birds have been watched for hours through powerful glasses, and lately they have been photographed in infinite detail with that wonderful new instrument called the 'telephotoscope,' which is merely a combina-tion of the telescope and the camera, but not one clew to the mystery has been obtained. It used to be thought that birds could float only against the wind, but that has been exploded. Then, again, the faculty is possessed by comparatively few varieties, and others, with equal or superior wing spread, are unable to do it at all. The why and wherefore are unanswered questions. Lillenthall, the German scientist, seemed to be on the right track with his 'gliding machine,' but he fell and broke his neck and what pamphlets. was peculiarly unfortunate was that he failed to commit his most valuable facts to paper. Hiram Maxim, the machine-gun man, wrestled with the same problem for years and spent thousands of pounds constructing what he christened 'aeroplanes,' but at last he gave it up. It was too hard for him. Now Oliver Chanute, the

veteran American engineer, and Professor Langley of the Smithsonian Institution are both at work on the same lines. They have made no actual progress, but if persistency counts for anything it is only a matter of time when the secret will be wrested from nature .- From the New Orleans Times-Democrat.

WHIRLING IN SPACE. Revolution of the Earth Around th Sun Explained.

That the earth, in common with all the planets, revolves around the sun as a centre, is a fact which rests upon the clearest demonstrations of philosophy. That it revolves, like them, upon its own axis, is a truth which every rising and setting sun illustrates, and which very many phenomena concur to establish. Either the earth moves around its axis every day, or the whole universe moves around it in the same time. There is no third opinion that can be formed on this point. Either the earth must revolve on its axis every twenty-four hours, to produce the alternate succession of

A Mother Tells How She Saved Her geocococo Little Daughter,3 Life.

I am the mother of eight children and have had a great deal of experience with medicines. Last summer my little daughter had the dysentery in its worst form. We thought she would die. I tried everything I could think of, but nothing seemed to do her any good. I saw by an advertisement in our paper that Chamberlain's colic, cholera and diarrhoea remedy was highly recommended and sent and got a bottle at once. It proved to be one of the very best medicines we ever had in the house. It saved my little daughter's life. I am anxious for every mother to know what deal of anxiety and my little daughter much suffering .--- Yours truly, Mrs. Geo. F. Burdick, Liberty, R. I. For sale by Corrigan.

Tours in the Rocky Mountains The "scenic line of the world," the Denver & Rio Grande railroad, offers to tourists in Colorado, Utah and New Mexico the choicest resorts, and to the transcontinental traveler the grandest scenery. Two separate and distinct routes through the Rocky mountains, all through tickets svailable via either. The direct line to Cripple Oreek, the greatest gold camp on earth. Three through trains each way with through Pullman palace and tourist sleeping cars between Chicago, Denyer, San Francisco and Los Angeles and Denver and Portland. The best line to Utah, Idaho, Moutana, Oregon and Washington via the "Ogden Gateway." Dining car (service a la carte) on all through trains. Write S. K. Hooper, G. P. & T.A., Denver, Colorado, for illustrated descriptive

Prevented A Tragedy.

Timely information giVen Mrs. George Long, of New Straitsville, Ohio, saved two lives. A frightgul cough had long kept her awake every night. She had tried many remedies and doctors but steadily grew worse until urged to try Dr. King's New Discovery. One bottle wholly cured her; and she writes, this marvelous medicine also cured Mr. Long of severe attak of pneumonaa. Such cures are positive proof of its power to cure all throat, chest and lung troubles. Only 50c and \$1. Guaranteed. Trial bottles free at Corrigan's drug store.

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FRIDAY - Traveling men's day. The 'knights of the grip' promise a big time.

The "Tennessee Judges," a splendid troupe of colored minstrels, will give daily free entertainments in the amphitheatre.

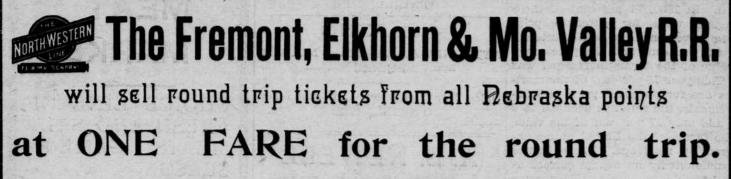
SPABIN ABUNE, a native from Manilla, of the Tagalog tribe of Filipinos, will give free daily receptions and entertainments on the grounds.



The display of agricultural and horticultural resourses of our great state promises to be the best ever exhibited, while the live stock and poultry exhibit will certainly surpass all previous efforts.

The board has made some very liberal offers in prizes, see their bulletin No. 4 for those offered county collection exhibits.

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day and night, or the sup, moon, planets, comets, fixed stars, and the whole frame of the universe itself, must move around the earth, in the same time. It is evident, that in proportion to the distance of the celestial bodies from the earth, must, on this supposition, be the rapidity of their movements. The sun, then,

would move at the rate of more than 400,000 miles in a minute; the nearest stars, at the inconceivable velocity of most distinct luminaries, with a degree of swiftness which no numbers could express, and all this to save the little globe we tread upon from turning safely on its axis once in twentyfour hours. The idea of the heavens revolving about the earth is encumbered with innumerable difficulties, which, however, we need not mention. Suffice it to say that there is no more

reason to suppose that the heavens revolve around the earth than there is to suppose that they revolve around each of the other planets, separately, and at the same time; since the same apparent revolution is common to them all, for they all appear to revolve upon their axis in different periods .-- Montreal Herald and Star.

Experiments in Wheat Growing. At Halstead, Kan., an interesting seies of experiments in wheat growing is being conducted. Last fall about 150 varieties of wheat, selected from all over the world, were seeded, and about eighty of these were in good condition during the spring. It is desired not only to determine which of these foreign wheats will do well in Kansas and similar climates in this country, but an effort will be made to improve each variety by ingrafting and cross-fertilization. New varieties will be produced having the better qualities of both parents. It will require several years of propagation in the same soil to determine whether the product is valuable or otherwise.

A Title for a Diamond. The finest diamond in the world, the Orloff, is owned by the Czar. It was bought for Catherine II. by Prince Orloff in 1778 at Amsterdam, and now adorns the scepter of the Czar. It cost the empress an annuity of 4,000 roubles, in ready money 450,000 roubles, and a patent of nobility. The empress of Russia wears the next largest diamond in the world, and also owns the Inest emeralds.

make all women beautiful . Herbine imparts strength and vitality to the system, and the rosy hue of health to the cheeks. Price 50 cents'-Corrigan.

For mosquito bites, bites or stings of insects, animals or reptiles, apply Ballards snow liniment. It counteracts the poison in the wound, subdues the inflamation and heals the flesh. Price, 25 and 50 cents .- Corrigan.

For digestive weakness, nervousness, pains in the side, flatulence, dizziness, wakefulness, headache and other annoying accompaniments of costiveness, Herbine is a prompt and unequaled remedy. Price, 50cents.-Corrigan.

Extreme hot weather is a great tax upon the digestive power of babies; when puny and feeble they should be given a 1,400,000,000 miles in a second; and the dose of White's cream vermifuge. Price 25 cents.-Corrigan.

Czarina Kind to Poor. Russian women in reduced circum-

stances have reason to bless the czarina, who has organized an association of such persons. They are almost constantly employed in making embroidery for court dresses of for ecclesiastical purposes.



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