

Why Are the Bearings Placed Out in the Center of the Cranks in the

RACYCLE

And in all Other Makes of Bicycles 1 1-4 Inches From Center of Crank?

ANSWER: THE BEARINGS IN A LINE WITH THE CENTER OF THE CRANKS IS ONE OF THE FEATURES OF THE RACYCLE, AND IS PATENTED AND CONTROLLED BY THE MIAMI CYCLE AND MANUFACTURING CO., AND NO OTHER MANUFACTURER IN AMERICA IS PERMITTED TO USE OR INFRINGE ON THESE PATENTS.

WHY ARE RACYCLES MADE WITH A SET OF BALL BEARING ON EACH SIDE OF THE LARGE SPROCKET, WHILE OTHER BICYCLES ARE NOT???

ANSWER: THE BEARINGS OF RACYCLES ARE IN THE CRANKS, THIS PLACES ONE SET OF BEARINGS OUTSIDE THE CHAIN LINE, AND THE SPROCKET MUST REVOLVE BETWEEN.

WHY ARE RACYCLES MADE MAGAZINE OILING IN THE CRANK-HANGER, WHILE OTHER BICYCLES NEGLECT THAT ALL IMPORTANT FEATURE???

ANSWER: THE CONSTRUCTION OF THE RACYCLE CRANK-HANGER MAKES IT POSSIBLE TO USE A MAGAZINE OR STORAGE FOR OIL. THIS, WHEN PROPERLY FILLED, WILL LAST FOR A CONTINUOUS RIDE OF 10,000 MILES. THE OILING OF THE BEARINGS OF A BICYCLE IS ONE OF THE MOST IMPORTANT CONSIDERATIONS, AND IF THEY DO NOT RECEIVE PROPER ATTENTION, WILL SOON CUT AND CAUSE TROUBLE.

WHY ARE THE CRANK-HANGER BEARINGS OF ALL RACYCLES DUST-PROOF, WHILE THE CRANK HANGER BEARINGS OF ALL OTHER BICYCLES ARE NOT???

ANSWER: THE CRANKS OF A RACYCLE ARE RECESSED, THE ENTRANCE BEING PROVIDED WITH A FELT WASHER WHICH HUGS THE CUP AND PREVENTS DIRT, DUST OR WATER FROM ENTERING THE BEARINGS. IN OTHER BICYCLES IT IS NOT POSSIBLE TO PREVENT DIRT, DUST, ETC., FROM CLOGGING THE BEARINGS.

WHY DO RACYCLES USE LARGE SPROCKETS—FRONT AND REAR—WHILE OTHER BICYCLES USE SMALL SPROCKETS???

ANSWER: RACYCLES ARE EQUIPPED WITH LARGE SPROCKETS BECAUSE IT IS A SAVING TO THE CHAIN, THE SPROCKETS WILL LAST LONGER, AND THERE IS LESS FRICTION TO OVERCOME IN THE RUNNING OF THE WHEEL. OTHER BICYCLES CAN NOT USE LARGE SPROCKETS, OWING TO THERE BEING NO SUPPORT OR BEARINGS OUTSIDE OF THE SPROCKET.

THE MODEL 114 RACYCLE AT \$50.00, FITTED WITH ANY TIRE, COASTER BRAKE, SADDLE, HANDLE BAR, OR GEAR, IS A WORLD WINNER. REMEMBER, YOU GET \$30 MORE VALUE IN THE RACYCLE THAN IN ANY OTHER MAKE OF BICYCLE. WHAT MORE COULD YOU ASK?

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IN THE MEANTIME, IF YOU NEED ANYTHING IN THE WAY OF REPAIRS FOR YOUR WHEEL, WE HAVE THE GOODS AND GOOD GOODS, TOO. ALL KINDS OF TIRES, RIMS AND COASTER BRAKES FITTED. GIVE US A CALL.

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FRANK J. MOORE.

Fresh Views by Darwin's Son.

Among the new views expressed by George Darwin, one is a limitation of the theory of his illustrious father, and in addition the conclusions of George Darwin not only mean notable modifications in the general concept which the majority of naturalists have had up to the present in reference to the transformation of the animal world, but they also allow us to forecast in a measure the future of man. But limiting our view merely to the

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animal world, we may assert without fear of being mistaken that the transformation of the different organic forms may not only be the work of a slow and constant adaptation, but also the result of sudden changes in the formation or extinction of a new species.

The question, I think, is fully answered by paleontology, since with the fossils we have it is possible to show that many species have been stationary, while others have been whirled in a perfect sea of transformations. We need only have a mediocre knowledge of the mesozoic or other periods to be convinced that the law of modification is neither continuous nor necessarily slow, and therefore, according to the different species and animal types, there may be variation with revolutionary rapidity of transformation or extinction or there may be almost complete immobility. George Darwin is sure that the mere intervention of time can in no sense be the satisfactory explanation of the profound modifications which have occurred in the animal realm; and while it may be true that in many cases nature works slowly and with continuity, there is no reason to exclude the fact that she may at times act suddenly and radically. Although certain causes may work through slowly modifying conditions, the final results of these causes may be sudden, as when a slow increase in temperature brings about an explosion.

The fact of the variation of animal species in space and time is as clear as the light of the sun, but we must not forget that the causes which regulate this variation are still very obscure, since the mere fact of time does not suffice to produce all of the variations observed by us in the present or in past geological ages. According to Charles Darwin himself time simply operated to add to the probability of the manifestation of advantageous variations which were selected, accumulated, and made permanent in relation to the organic conditions of life which themselves slowly vary. But although the time element favors the directing action of the new and modified conditions of life, fossils clearly show us that many species have periods of constancy and invariability. Therefore, we come to the idea of Jager and Seiditz, that the complete adaptation of all the

organs to the temporary conditions of life may modify the action of the organism, without, however, modifying the organism itself. Also this brings us to the theory of Giovanni Canestrini of a conservative adaptation. These theories are both demonstrable if we consider a certain number of fossils belonging to the different animal groups. The main point, however, is that all these facts clearly prove that in the animal world there is no fixed law of modification, not even for the same type.—Translated for Public Opinion from article by Giuseppe de Stefano in *Revista d'Italia*.

The Good of Medicine.

People insisting that medicine does no good, have one stubborn fact to contend with, that is, the people who do believe are greatly in the majority. We have been so fortunate during the past 20 years as to convince thousands of sufferers with weak, watery blood, who had all the symptoms of a general breaking down of the system that one medicine, at least, does good. Nervous and unsteady people, weak, fleshless people, pimply, pale or sallow people, can have strong, steady nerves and solid healthy flesh by the use of Dr. Gunn's Blood and Nerve Tonic. A tablet to take at meal time, it turns the food you eat into rich, red blood, making solid flesh at the rate of 1 to 3 lbs. per week. Sold by all druggists for 75c per box, or 3 boxes for \$2. This medicine saves doctor bills and insures health, giving the very best treatment possible.

New Religion in Japan.

One Miyazaki a short time ago gave himself out to be a prophet, and one Suehiro to be the savior of the world. In a recent number of the Buddhist magazine known as the Myojo (Bright Star) the editor, Mr. Yosano Kan, sounds the praises of a certain man calling himself Shichi Zenyu, whose words of salvation are given in that magazine. People are all begged to come to him for salvation. He claims to be able to reform character and teach unadulterated truth. Then a writer in the Yomiuri Shimbun, Mr. Kawakami Hajime, whose articles on Socialism attracted some attention last year, suddenly alleged that he had been the subject of a special revelation from God while in a kind of trance, "when

for ten days he did not remember the taste of food." So he stopped writing on Socialism and published a long essay entitled "Daisanmeido." This was toward the close of last year. Since that he has published new matter under the title of "The Ultimate Object of Human Life." Then the author of a book which appeared last autumn, called "Byokanroku" (Record of Sickness), Mr. Tenzajima Yosen, in the New Years number of the Shinjun, and the Yomiuri Shimbun tells the public of his new self consciousness that he is the son of God.

Many people, says the Gokyu (native Japanese paper), will treat these phenomena with contempt as the silly vagaries of unbalanced minds, but we are not disposed to take that view. To us the seem to be a clear indication of the existence of a certain spiritus! craving in the minds of a large number of people, which craving these alleged revelations are intended to satisfy.—Japan Mail.

Health is Youth.

Disease and Sickness Bring Old Age.
Herbine, taken every morning before breakfast, will keep you in robust health, fit you to ward off disease. It cures constipation, biliousness, dyspepsia, fever skin, liver and kidney complaints. It purifies the blood and clears the complexion.

Mrs. W. D. Smith, Whitney, Tex., writes April 3, 1902: "I have used Herbine, and find it the best medicine for constipation and liver troubles. It does all you claim for it. I can highly recommend it." 50c. Sold by D. J. Fry.

All He Needed.

A number of Wall street men at luncheon one day were discussing the remarkable ability of a certain operator in the street to weather any financial storm.

"Why," said one of the financiers, "that chap's a wonder. I don't know how many times they've had him against the wall, yet he always contrives to get away."

"I have heard it said," observed another, "that Blank is resourceful enough to make a living on a desert island."

"Yes, he could do that, too," affirmed the first speaker, "if there was another man on the island."—Harper's Weekly.

Brain Leaks.

Giving money is the smallest part of charity.

The other man's job always looks easier than our own.

The man who never fails is the man who never strives to climb.

Some men look upon home as a place to go when everything else is closed up.

A lot of husbands are foolish enough to think that their wives believe all their excuses.

Everything comes to him who waits—and disappointment is generally first on the list of arrivals.

Peace in the Philippines.

It is said that not long ago a war department official was approached by a man who was thinking of moving to the Philippines to enter business.

"I would like to know the status of things there from a reliable source," the man said. "Is there now a condition of peace?"

"Well, not exactly everywhere," the official admitted.

"Could you give me any idea as to when peace will be established?"

"Not off-hand, but you get the census report and figure it out for yourself," the official said, somewhat bitterly. "We estimate that it requires a man's weight in lead to thoroughly 'pacify' him, and the quartermaster's office can furnish you with a statement of ammunition shipments."—Harper's Weekly.

Sure Cure For Piles.

Itching piles produce moisture and cause itching; this form, as well as blind, bleeding or protruding piles are cured by Dr. Bo-san-ko's Pile Remedy. Stops itching and bleeding. Absorbs tumors. 50c a jar at druggists, or sent by mail. Treatise free. Write me about your case. Dr. Bosanko, Phila. Pa.

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