

For Dyspepsia and Bad Blood, Humors, Manley's Celery-Nerve Compound is unexcelled.

AN AFRICAN'S SKIN. THE SECRET OF ITS BLACK COLOR DISCOVERED.

A New York Physician, After Several Years of Experiment, Believes He Has Solved the Color Mystery of the Races of the Earth.

What makes the negro black and the white man white? And how are all the intermediate shades of color derived which distinguish the scattered races of the world?

These are questions as old as the human race. In their line one of the darkest mysticisms of mankind, and, indeed, they lie at the bottom of much of its history—geological, physiological, climatic, ethnological.

And here is a scientist who has spent years studying the matter, and believes now he has found the solution of it.

But the solution involves no hope of doing away with the black man's blackness. "Can the Ethiopian change his skin, or the leopard his spots?" commands as strong a negative as it did the day it was uttered.

Dr. Robert L. Washburn, physiologist and anatomist, of No. 24 West Third-street, N. Y., in his investigations of the race and color questions he has had under observation negroes, mulattoes, Chinese, Indians and the half-breeds of all these different races, and has experimented in skin grafting, sweating and lighting processes.

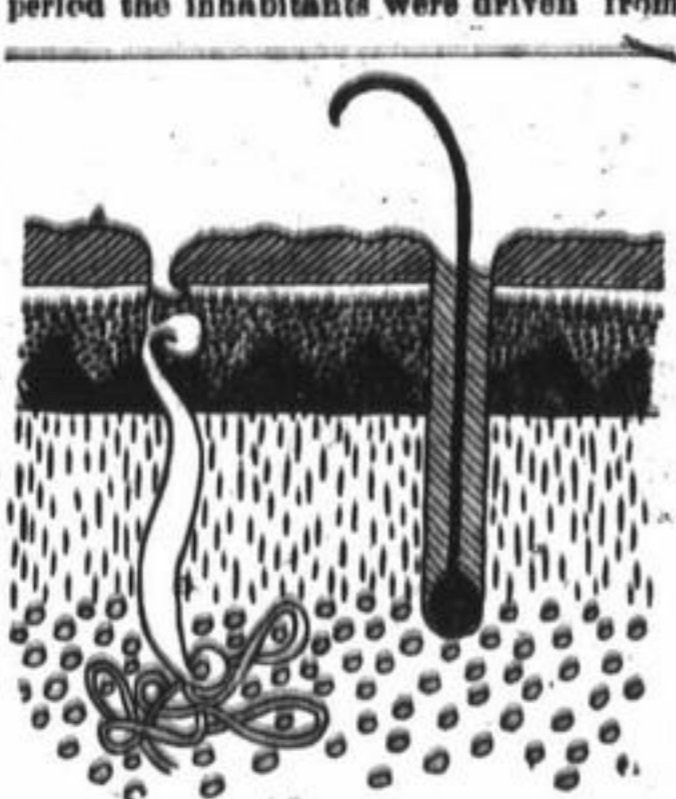
It was by accident that Dr. Washburn made the discovery which has led him upon his course of investigation and experiment. He was making microscopic examination of a native African's blood for germs of consumption.

In a piece of skin which had been stained black by the ink of a fountain pen, he marked the enormous size of the sweat glands. The idea flashed upon him then that he had found the secret of race color.

With that as a nucleus he began the great labor of investigation. "Physiologically speaking," said Dr. Washburn, "there are only two general divisions of the human race—the white and the colored man."

And the colored man, he found, is not a mixture of the white and the black, but a distinct race, with its own laws and its own secrets.

environment. The dry, elevated plains, say, of Colorado, would after a long time produce similar results. But the leopard cannot change his spots, nor the Ethiopian his skin, remains essentially fixed.



SECTION OF NEGRO'S SKIN SHOWING BLACK DEPOSIT OF PIGMENT AND ENORMOUS SWEAT GLAND.

the poles by the cold, toward the equator. Man springing from a common ancestor, and it is believed that he was racialized in all his habitations.

"Judging from what is held to have been the conditions of the earth's climate previous to this period, man was probably first in a temperate zone. At the termination of the glacial period, the last geological period we know of, the earth, it is certainly known, did not uniformly resume its heat, and for this reason some of the human family were able to return to the old homes in the temperate zones, while other bodies were cut off and confined to the growing heat of the torrid regions. They were cut off, probably, by many new climatic zones across their path. The Atlantic Ocean is one of the after products of the period.

"Many tribes, when they felt the growing intensity of the torrid heat, the most natural way to escape it in the way the uniform race was scattered and many of the tribes, under the burning sun of Africa and Asia, became victims of climate. I know that the geologists believe that the earth was not populated at this time, but there is nothing to show that it was not. It was certainly fruitful with vegetation and animal life, and could have accommodated man. The period of confusion and reformation broke up and scattered many old species, according to Darwin.

"If man was upon the earth then, the most natural theory is that the difference in the races is one of the results of that period. A thousand years in a hot, humid atmosphere, with powerful sunlight, living naked and in savage state, would certainly have changed man's physiological life. The lack of uniformity in remaining heat in Asia and Africa may explain the different shades of color of the races. As any race, the difference in the sudoriparous glands teaches that the origin of the race is largely climatic. My belief is that a family of Englishmen, if they should be taken to the tropics, and left to themselves, would become negroes in Africa in a thousand years.

"There is nothing in the history of the brown races of Asia to give the slightest hint of a choice assortment of traits finer than in a much higher state of intelligence than the tribes of Africa, and so they may have had a very different sort of climate or may have been better able to protect themselves against it.

"My observations of the sudoriparous gland of a Chinaman have shown that there is little difference between it and that of a white man, but it is more active, and there is to be found a good layer of pigment in his skin.

"There are many interesting questions connected with the subject. Notably, the question of the origin of the pigment in the sweat gland itself. Why does the white child have straight hair? The negro's hair is curly because of a lack of pith in the center of the hair strand. That is the reason for its curling, for the pith renders the hair stiff and straight. But a mulatto child, born of a white mother and a negro father, has most invariably inherited the pith of his white parent's hair. If the sudoriparous glands are reduced by more than 50 per cent from the negro's in size and energy, and the hair is straight, the physical predominance of the white race in the cross.

"This is, of course, a pretty fine splitting of hairs, but a careful observation of the microscope, and a study by a hot bath, with access to all the parties, it could be shown.

DICAL THE TONIC DIAMOND DIETETIC PILLS

THESE BRISK LITTLE PILLS ARE ESPECIALLY SUITED FOR ALL CASES OF CONSTIPATION, BILIOUSNESS, INDIGESTION, BILIOUS ATONIA, AND ALL AFFECTIONS OF THE BOWELS.

BLOOD POISON HAVE YOU BEEN SUFFERING FROM IT? BAYLIS MANUFACTURING CO.

Varnish, Japans, Paints, Oils. BAYLIS MANUFACTURING CO. 16 to 30 Nazareth Street, MONTREAL.

LAMBERT TAILOR New Goods COME AND SEE 'EM! T. LAMBERT, MERCHANT TAILOR, Princess St., Sunny Side, near Bagot

ON THE MOVE. RARE BEAUTIES. FINE DRESS GOODS. CRUMLEY BROS. ON THE CORNER. I'M IN A... PICKLE

HOAG'S THE INTERNATIONAL COMMISSION CO. BANKERS & BROKERS, BUFFALO, N.Y. Stocks, Bonds, Gold and Provisions bought and sold for cash or on small margins.

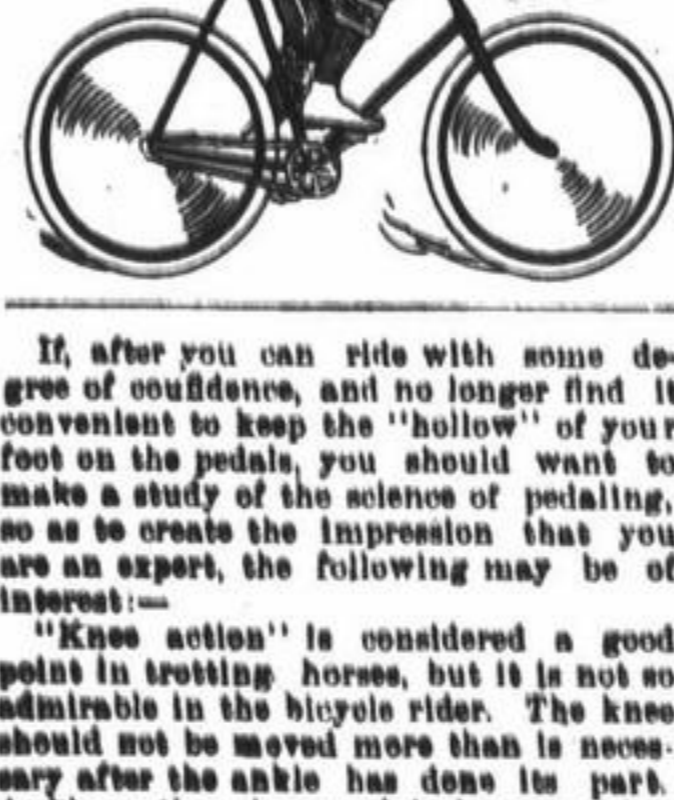
Anaphrodisic From Prof. Dr. Recond, Paris, is the only cure remarkably rapid for restoring vitality and vigor to the debilitated. IMPORTED DIRECT FROM PARIS. Sole Agents for U.S.A. A. RENKERT & CO., DISTRICT OF COLUMBIA.

MAKE UP YOUR MIND. Be Up-to-Date. OPEN. OPEN. RHEUMATISM AND DYSPEPSIA can be accommodated at GRAND HOTEL. CALEDONIA SPRINGS During September. JAS. REDDEN & CO. Celebrated Club House Tea PIANOS

BICYCLING MODES. Ethies and Annie Motion Displayed. If you are going to ride the bicycle for the sake of seeing how many miles you can go in a given length of time, and you don't care how you look, and you don't care what effect your riding has on the minds of others, and you don't care what the general opinion of the non-riding public is, and if you have a mean, hard saddle that hurts you when you sit up, or if you imagine you are more comfortable with your nose pointing toward the ground, then of course you will ride this way—



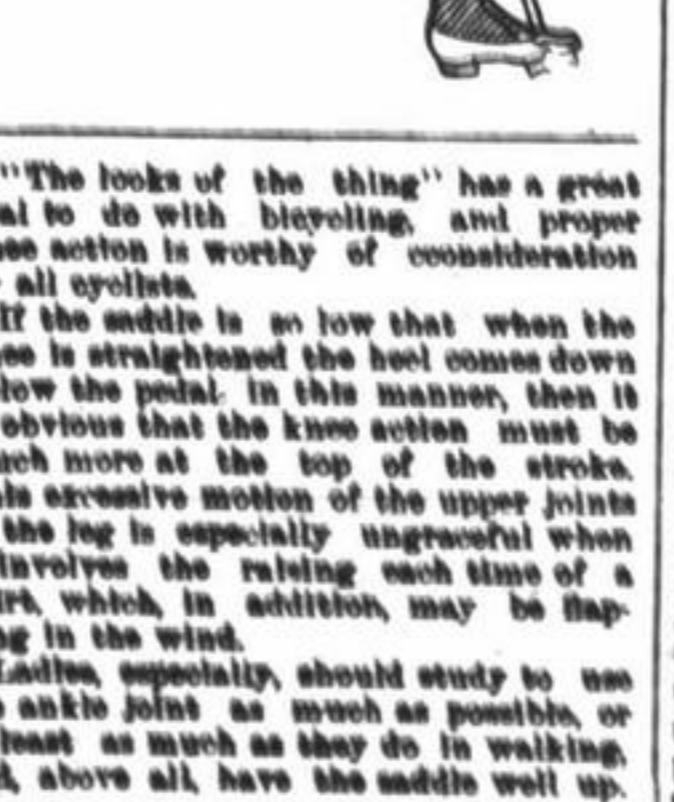
But if, on the other hand, you are to use the wheel for health, comfort and happiness, if you have the instinct that is admirable in the bicycle rider, the kind nature, if you have in mind your non-riding friends might think of you, if you are anxious to appear like a gentleman, and show the world that a gentleman can ride a bicycle without losing any part of his dignity, then, of course, you will sit up like this—



If, after you can ride with some degree of confidence, and no longer find it convenient to keep the "hollow" of your foot on the pedals, you should want to make a study of the science of pedaling, so as to create the impression that you are an expert, the following may be of interest:—



"Knee action" is considered a good point in trotting horses, but it is not so desirable in the bicycle rider. The knee should not be moved more than is necessary after the ankle has done its part. Ankle motion is graceful; knee motion is ungraceful.



"The looks of the thing" has a great deal to do with bicycling, and proper knee action is worthy of consideration by all cyclists. If the saddle is so low that when the knee is straightened the heel comes down below the point, in this manner, then it is obvious that the knee action must be much more at the top of the stroke. This excessive motion of the upper joints of the leg is especially ungraceful when it involves the raising each time of a skirt, which, in addition, may be snapping in the wind.

Ladies, especially, should study to use the ankle just as much as possible, or at least as much as they do in walking, and, above all, have the saddle well up.

AN INVOLUNTARY HERO. How Two Pieces of Hot Ham Won An Officer's Freedom.

A Polish officer, now dead, who came to the United States soon after the Russian suppressed the Polish insurrection under Gen. Chlopicki, in 1831, used to tell with much zest the story of his prowess as a cavalryman of the ranks. He was a private of cavalry when Chlopicki's retreat began. The troops had made a weary night march, and were in a bivouac for breakfast when suddenly word came that they were being surrounded by a Russian force. Instantly the Poles hurried to their saddles, mounted, and sought a way of escape.

The young cavalryman had been holding some pieces of ham for himself in a camp kettle. Anxious to "save his bacon" he dumped the half-boiled meat into his saddle bags and joined his companions. Two minutes later his horse became restive, at a most inopportune moment, for on surmounting a ridge the Poles had found themselves confronted by a Russian force of infantry.

There was but one thing to be done. The Russian line must be broken through at once. It was being rapidly reinforced, if the Poles should fail to cut their way out as the first charge they must be all captured.

On they rushed at the order to charge, and now our young trooper's horse had become fairly frantic and quite uncontrollable. He sprang away for it in advance of the charging line. The rider, determined to make the best fight he could, swung his sword, and gazed hard at the face of the Russian he expected to be launched against.

Just then a volley hurried into the charging line, but the foremost horse rider could not unarm. A few moments as they were upon the enemy. Usually a horse refuses to leap at bayonet, but this one jumped furiously at the kneeling front rank, and such was the momentum of his leap that he carried the Russian just in his front teeth, broke, and gave him entrance.

Through the gap thus made other Poles sprang a moment later. Barking right and left they swept the breach, and in 10 seconds the Russian infantry was demoralized. The Poles escaped with slight loss, and it was not long before the young leader quitted his sword, dismounted, and found a chance to examine his half-cooled ham.

A few hours later the Polish general of cavalry rode up to the captain of the new lieutenant, who upon the evening, complimented him, and said: "By the way, captain, who was that splendid young officer that led you all in?"

"He wasn't an officer; that was only one of my boys," replied the captain.

"Not an officer! My bullets strike me here at once!"

WITHIN YOUR REACH. Our New Fall Dress Goods are not only very attractive but are marked at temptingly low prices.

Fancy Tufted Effects, 35c, 49c, 60c and 75c a yard. New Patterns. New Colorings. J. LAIDLAW & SON.

HOP BITTERS. MEDICINE, NOT A DRINK. CONTAINS Hops, Buchu, Mandrake, Dandelion, And the Purest and Best Medical Qualities of all others.

Cures All Diseases of the Stomach, Bowels, Blood, Liver, Kidneys and Urinary Organs, Nervousness, Sleeplessness, especially Female Complaints. \$1,000 IN GOLD will be paid for a case it will not cure or help, or for anything impure or injurious found therein. TAKE NO SUBSTITUTE. Hop Bitters, 685 Broadway NEW YORK.

WOOD AND COAL. COAL THAT SUITS! Our aim is to make every transaction customer a permanent customer. And more. To give him such good clean coal, to treat him so well all around that he will say a good word for us to his neighbor.

LEGAL. RUTHY & LYON, BARRISTERS, SOLICITORS. J. H. McNEIL, ACCOUNTANT AND REAL ESTATE AGENT.

SWIFT'S GENUINE SCRANTON COAL! IS ALL COAL. BURN IT. JAMES SWIFT & CO. WEEKLY AND MONTHLY PERIODICALS

Substitution. See you get Carters, Ask for Carters, Insist and demand. CARTERS Little Liver Pills. The only perfect Liver Pill. Take no other. Even if Solicited to do so. Beware of imitations of Sanit Color Wrapper.

F. NISBET'S The Corner Bookstore. of every description at greatly reduced prices. STRAIGAN

INSURANCE. LONDON & LANCASHIRE LIFE ASSURANCE CO. FIRE INSURANCE.