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PHOTOGRAPHING MOTION.
Successful Experiments at the University of Pennsylvania.
[Philadelphia Record.]
Interesting experiments in instantaneous photography are being made by Edward Muybridge at the university of Pennsylvania. A space on the college grounds has been set apart with a high board fence surrounding three sides of the inclosure; the fence has been painted a bright white. On the fourth side there is a shed covered with black material, while the ground is covered with an inch of coal dust. This is the background and directly opposite is a little structure, with an open front, containing twelve cameras. Saturday the lenses were covered with double rubber shutters, and each was held in place by a latch. Each of these latches was connected with a wire and so arranged that the closing of an electric circuit would liberate the shutters and for the thousandth part of a second permit light to shine into the camera.

A splendidly-developed young student, a member of the university crew, stripped to the skin, was photographed in various attitudes. He took his position in front of the row of cameras. At a signal he seized a bucket of water, raised it in the air and tossed away the contents. The instant he moved, Mr. Muybridge touched an electric button. A series of sharp clicks sounded as in rapid succession the shutters of each camera were freed. As the last click sounded the water was falling to the ground, and twice photographs had been taken of the young man, representing twelve phases of the movements through which his body went while lifting the pail and emptying it of water. Even the water itself was photographed as just leaving the pail, again as falling, and again as reaching the ground.

The young athlete was also photographed, pulling a rowing-machine, climbing a ladder, striking a ball, and other movements designed to bring his muscles into full play. The actions and motions of two cripples were successfully transferred to plate. Studies were made of a nude female model. Instead of a row of cameras exposed in succession, six cameras were concentrated upon the model's figure—one in front, one behind, and four others so as to give side views at different angles—and all were exposed simultaneously for a fraction of the second during which she was making the specific movement.

Mr. Muybridge's experiments are under the supervision of a committee of the university faculty, composed of Provost Pepper, Professor Harrison Allen, Dr. Leidy, Professor George F. Barker, Professor Marks, Professor Huidekoper of the veterinary department, Professor Aikens of the academy of fine arts, and Dr. Dercum.

Photographs will be taken to show the consecutive phases of motion of selected men and women while performing muscular exercises and different mechanical operations, as carpentry and blacksmithing; the movements of persons suffering from palsy and diseases of the joints, showing exactly how the gait is affected, and analyzing accurately the abnormal action of the muscles; the movements of horses, dogs, and other animals at different rates of speed; the aerial locomotion of birds on the wing, and the methods of propulsion of marine mammals, aquatic birds and fish.

The Secret of Breeding Race-Horses.
[Bell's Life.]

While the purchasers of Lord Falmouth's mares must be thinking of what they must do in the future, it may not be amiss to say a few words respecting the great success that has attended the Cornish nobleman as a breeder of blood stock. It is admitted on all sides that his success in this department has been unrivalled, and that even the achievements of Sir Joseph Hawley and Mr. Merry cannot be compared with the efforts of the noble lord during the period he has devoted to the rearing of race-horses. It is my purpose to say something on the theory practiced by Lord Falmouth, which perhaps explains more than anything his unexampled success.

The late Dr. Shorthouse always demanded as a sine qua non in the production of a really first-class racer that the stout and really excellent blood should preponderate on the side of the dam, and for a stud-horse vice versa, i. e., that the stouter blood should be on the sire's side. On this principle has Lord Falmouth acted, and by means of this principle all his greatest successes may be explained. The tap-roots of the now scattered Mereworth stud are Silverhair, Hurricane, and Queen Bertha, and all three were racers of some merit. These mares, it should be noticed, were very stoutly bred, and their stout blood largely predominated on the dam's side, and this is a desideratum in a brood mare, although a great drawback and preventive of success in a sire.

I have no space in the present article, but will some time endeavor to show that where male members of a certain family have been great failures at the stud, as in the cases of King Tom, Stockwell, Rataplan, Melbourne, Orlando, etc., whose sons were mostly conspicuous failures, their daughters were, on the contrary, great successes. On the other hand, the sons of Newminster, as a rule, did very well at the stud, but very few of his daughters produced animals of any merit. Excellence of blood is maintained in the female line for a considerable length of time, and to this is due the success which has attended Lord Falmouth as a breeder.

What the Fans Whisper
[Boston Times.]

Your girls fan themselves rapidly in church, as if to say: "I'll catch him, I'll catch him, I'll catch him," while matrons are more calm about it, and teach their fans to softly murmur: "I've got him, I've got him, I've got him," while fans in the hands of widows tell the sad story as plainly as possible: "I've-lost-h-i-m, I've-lost-h-i-m, I've-lost-h-i-m."

How It Struck Little Johnny.
[New York Graphic.]

A little boy asked his father the other day, after some Boston people had left, "if Boston people were born grown up." Plantation Philosophy: De man carried erway wid hate is like de man carried erway wid love. It is mighty seldom dat he's tempered wid good sense.

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[OPPOSITE HOTEL ON THE HILL.]
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LADIES suffering from all complaints peculiar to their sex will find in DR. HARTER'S IRON TONIC a safe and speedy cure. It gives a clear and healthy complexion. The strongest testimony to the value of Dr. Harter's Iron Tonic is that frequent attempts at counterfeiting have only added to the popularity of the original. If you earnestly desire health do not experiment—get the ORIGINAL AND BEST.
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That they are not in Alaska,
But where they can find
Everything in the Jewelry line,
New Goods rich enough for the poet Lasca.
And one who does not buy at the Jewelry Store,
Will cuss and kick and feel very sore,
Because the beautiful gift presented,
Did not pan out as represented.
McCracken has elegant silver,
Fine Gold Watches for Lady or Gent.
I am not selling goods at a loss,
But everything way down, nearly at cost.
All persons who buy this month,
Will be very kindly remembered,
And have a chance, next December,
To buy of the very same man,
Who certainly will, if he can,
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We never like to blow,
But when we KNOW IT IS SO,
That the Jewelry Store carries only
Warranted goods that can be recommended.
Then we like to say to everyone that it will pay,
To consider before all your money is expended.

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We have the goods and are giving rare bargains for the HOLIDAYS! Don't all come in at one time, for the store is rather small. COME EARLY! By 222222s and 44444s and avoid the rush! Buy light, for the stock is limited.
Wishing you a HAPPY NEW YEAR--will come again.
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