

**WHAT A HORSE'S FOOT IS.**

**Its Marvelous Anatomy and How It Should Be Treated.**

In a lecture on the horse's foot, Professor Duncan MacEachran of McGill University, Canada, proceeded to describe briefly and to illustrate by sections and diagrams the wonderful structure of the foot, first the bone forming the distal ends of the four extremities, articulated in such a manner and degree of obliquity as to minimize concussion, next the wonderful arrangement of the soft tissues covering the bones over-run and intersected by networks of blood vessels and nerve fibers, firmly attached to the bone, yet so disposed as to not only secrete the horn, but to keep secreting it while the animal lived, to carry on these functions even while exposed to compression and concussion from the enormous loads which it had to bear from the weight of the animal, his burden and the momentum of his movements, yet so perfect was the arrangement that seldom indeed did we find that even a blood vessel was ruptured or a tissue bruised, so long as it was left in a natural condition. He next showed the beautiful dovetailed connection of the hoof to the sensitive or soft tissues, a model and diagram being used to illustrate. The structure of the wall, sole and frog were explained. He then spoke of the foot as a whole and declared it perfect in structure, perfect in function, and, as proved by the horse in a state of nature, a perfect protection for the sensitive foot within.

"Why mutilate so perfect a structure? The protection of this horny foot cover, as the hoof may be called, from wear and tear, caused by constant use on the hard roads of civilization, by an iron rim or shoe is necessary for the full utilization of the animal's powers and usefulness. It has been truly called 'a necessary evil,' as our own foot covers are, yet surely the foot can be protected without our having to chronicle 75 per cent of the lamenesses of the fore feet at least, being due to faulty shoeing. With the farrier I would plead for the poor horse, to see to it that he himself and his workmen are taught something at least of the anatomy and physiology of the horse's foot, to think of it as a very sensitive, highly organized structure and not thoughtlessly to cut away as useless that horny sole, so necessary to protect the tender sole which it covers. Do not scorch it by applying, while fitting, too hot a shoe. In fitting the shoe remember that it is to remain on night and day. It is not to be removed at bedtime, as your own. If it twists and distorts the foot and parts of the limb above it, there is no relief from the torment of cramp and sprain: if it presses hard on a sensitive part, being firmly nailed on, the horse must suffer night and day. In nailing the shoe on be careful that the nails do not press on or penetrate the sensitive parts. The horse cannot remove it, and the careless groom may not notice it for days. If you would but think of the suffering which poor horses undergo from your carelessness or ignorance, you would treat the foot less as an insensible block of wood.

"To the owner I would say: If you can afford to keep a horse, if you require the services of a horse, deal with him as you would with any other of your assistants. He cannot take care of himself; you must hire a man to take care of him. Think of him as a noble animal almost as sensitive as yourself, having pleasurable feelings and suffering pain in not much less degree than yourself or any member of your family, and let the thought influence you when you hire his caretaker. Don't let a few dollars a month influence you in the choice between a good and a bad groom. If you would think of the pain and anguish, the sleepless nights and unhappy days of many horses, owing to the neglect of their feet by ignorant or dissipated grooms, you would give your stable more personal supervision, and you would see that your groom not only knew what was necessary to procure the comfort of your horse in the management of his feet, but that he would attend to and put into practice such knowledge. Owners sometimes cause great suffering by penuriousness and a false economy about shoeing bills and stable expenses.

"To the public I would say you can do much to protect the foot of the horse and save him from suffering. Are you a merchant? See to it that your men think of the poor horses which deliver and remove your goods, when breaking up packing boxes, sweeping out nails into lanes and back streets. When I tell you that a large number of valuable horses are lost annually, particularly those horses handling railway goods, owing to carelessness in this respect, nails penetrating the sole or frog of the foot, producing most painful and often incurable wounds of the deep structures of the foot, you will see that it is your duty to give this your consideration. This is a subject, in fact, which should call for civic legislation, for it is but right that the horses should be protected from the suffering thus inflicted and their owners from such serious preventable losses."

**Live Stock Points.**

Do up now all the jobs of mending pasture, fences, gates, stiles and lot inclosures that will be needed in the spring when the grass grows. You will gain many days of time thus.

To make a sow a good milker breed

her early and do not give her much fattening food.

Take the best care of the sows that are due to farrow in March. See that they do not lay on too much fat and thus destroy their pigs.

If you are going to buy or sell any hoes this year, now is the time to do it, before the warm weather wakes them up.

In the season when lambs are coming thick and fast, it is a good plan to keep hot stones on hand to warm them in case they are chilled and their mothers do not own them.

The business of horse dentistry is one attracting more and more attention.

**MRS. CHARLOTTE EMERSON BROWN.**  
**A Woman of High Character Whose Death Is Deeply Deplored.**

A pang of sincerest sorrow has entered many hearts at the announcement of the death at Orange, on Feb. 5, of Mrs. Charlotte Emerson Brown. Every woman who knew her knows that in her person existed one of the best friends to her sex that ever lived. Mrs. Brown was emphatically a woman's woman. She loved her kind, and she lived to elevate and make them happy. She knew not the meaning of envy or jealousy. She exalted the home. Her ideals of womanly life were the staunch old New England ones, which make personal religion and the domestic virtues the foundation of character. On these she herself had reared a remarkable intellectual development, and she desired all women to do the same.

The ordinary statistics of Mrs. Brown's life have often been given. She was the daughter of the Rev. Professor Joseph Emerson of Andover, was born in 1833, and was graduated in her early womanhood from the well known Abbott academy of Andover. She had been a teacher of many different branches and had traveled extensively, when in 1880 she married the Rev. Mr. Brown of Orange.

Mrs. Brown believed devoutly in the woman's club movement, and to her efforts, as much perhaps as to any one woman, the success of the great Federation of Woman's Clubs is due. After a thorough training in club work in the large and flourishing Orange club, she was able to accept the presidency of the federation with a full knowledge of its responsibilities and was exactly fitted to give to the organization the prestige and leadership which were necessary.

The mere presence of Mrs. Brown in a meeting gave it dignity and charm. Her fine face, on which love and charity were beautifully expressed, shed a spirit of fraternity all about her. No one who saw her at the great federation meeting at Philadelphia will ever forget her.

Mrs. Brown possessed a fund of learning which her modesty in society and her desire for bringing out the good points of others to the neglect of her own allowed few, except her intimate friends, to suspect. She was familiar with seven languages, understood art and music thoroughly and could discuss history, literature, philosophy, science and theology with great intelligence. Few men or women have possessed in so high a degree the New England passion to know.

The labor which she did for women undoubtedly shortened her life. Few know how she worked to establish the cause so dear to her. Others sometimes doubted whether it would prove of much benefit to women. She never did, and no monument will more honor her than that her friends and followers shall have her faith and zeal.—New York Times.

**The Ohio Law.**

The Ohio law granting school suffrage to women has been declared constitutional by the circuit court of Columbus. The Toledo Blade says:

It is significant that the circuit court decision was written by Judge Shauck, who has since become a supreme judge and will be one of the six judges to pass upon the question when it comes before that tribunal. Judge Shauck holds that the legislature has full power over the whole subject of organizing and regulating the schools of the state and cites decisions to prove this. The point that women are not qualified electors under the constitution is held not to interfere with their right to vote on school matters, as the offices to be filled in such elections are unknown to the constitution. It now looks very much as if the women will have clear legal sailing under the new law.

**Outdoor Costumes.**

A report from the French capital is to the effect that the abbreviated costume which the Parisienne calls her bicycle dress has been found so comfortable that several women who love to hunt and fish wear it habitually on their country estates in the daytime. They rejoice in the sharp contrasts of silken, lace befecked tea gown and the smartest of dinner frocks in the evening, but bicycles seem to have succeeded in introducing in a few months what dress reformers have been vainly trying to inaugurate for years—i. e., a sensible outdoor costume for women. In even the most conservative of countries as to dress, the United States, it is now considered the proper thing to wear a very short tailor made skirt, with knickerbockers and leather leggings, for country tramps or sports.

**Notice for Publication.**

**U. S. LAND OFFICE.**

HELENA, Mont., March 1, 1895.  
Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the clerk of the district court at Virginia City, Mont., on April 13, 1895, viz: Solomon D. Hardist, who made H. E. No. 5784 for the northeast quarter section 19, township 5 south, range 4 west.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: William Walker, Nicholas Banks, Bernard Bozue and Peter Deley, all of Laurin, Mont.

Any person who desires to protest against the allowance of such proof, or who knows of any substantial reason, under the law and regulations of the interior department, why such proof should not be allowed, will be given an opportunity at the above mentioned time and place to cross examine the witnesses of said claimant, and to offer evidence in rebuttal of that submitted by claimant.

W. E. COX,  
Register.

First pub. March 9, 1895.

**Desert Land Final Proof—Notice for Publication.**

LAND OFFICE AT  
BOZEMAN, Montana, Feb. 16, 1895.

Notice is hereby given that Lillie A. Storey of Ennis, Montana, has filed notice of intention to make proof on her desert-land claim No. 510, for the southeast quarter of southwest quarter section 3 township 8 south range 1 east before the clerk of the district court at Virginia City, Montana on the 1st day of April, 1895.

She names the following witnesses to prove the complete irrigation and reclamation of said land:

John E. Woodworth, Elenor E. Ayers, Morris Kilner, James B. Cameron, all of Cameron, Montana.

C. P. BLAKELEY,  
Register

First publication Feb. 23, 1895.

**Notice to Creditors.**

Estate of James L. Minnis, deceased. Notice is hereby given by the under-signed administrator of the estate of James L. Minnis deceased, to the creditors of and all persons having claims against the said deceased, to exhibit them, with the necessary vouchers, within four months after the first publication of this notice to the said administrator at his office in the city of Virginia, county of Madison, state of Montana.

Dated at Virginia City, this 6th day of March, 1895.

JULIAN A. KNIGHT,  
Administrator of the said estate.

First pub. March 9, 1895.

**Notice of Administrator's Sale of Real Estate.**

In the district court of the fifth judicial district, of the State of Montana, within and the County of Madison.

In the matter of the estate of Dennis Collins, deceased.

In obedience to and in pursuance of an order and decree, duly made and entered by said court on February 25, 1895: I as the administrator of the estate of said Dennis Collins, deceased, will sell at private or public sale the following real property belonging to said estate to-wit: the south half of the southeast quarter; the northwest quarter of the southeast quarter and the south half of the southwest quarter, of section four; the northeast quarter; the east half the northwest quarter; and the northwest quarter of the northwest quarter of section nine. All in township six, south of range four west, in the County of Madison, State of Montana, containing four hundred and eighty acres together with all the improvements thereon and the water rights and ditch rights thereunto belonging or appertaining. Said property is known as "The Collins ranch," and is about one mile south of Laurin in the Ruby valley.

I will receive sealed bids at my office at Laurin up to and including March 29, 1895, reserving the right of rejection. Bidders will specify prices and terms. If said property is not sold on said day, I will proceed to sell the same at public vendue on Saturday, March 30, 1895, at the late residence of said deceased. Sale between the hours of 10 a. m. and 4 p. m.

Terms of sale made known on day of sale. Dated this first day of March, 1895.

RAS ROCHESTER,  
Administrator.

First publication March 2, 1895.

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