

## GOSSIP.

Wool has been selling at Belle Fourche, South Dakota, says the Chicago Live-stock Report, from 15 to 19 cents, and the sheepmen are happy. One of them cashed a draft of \$25,000 some days ago at a local bank. Another dropped in \$6,000, and so on it goes.

A late dispatch from Eldorado, Iowa, says that a number of large dredges are being used in the Northwest for ditching purposes. The country has suffered a great deal during the past seasons by heavy rainfall and these big plows or dredges are in the form of huge plows which will stand a ninety horse-power draft, and can cut a furrow three feet deep and over seven feet wide. A part of them are hauled by fourteen yoke of giant bulls, and the others by two four-horse capstans.

## ANCESTRY OF THE HORSE.

Under this title, Mr. R. Lydekker writes an interesting article in Knowledge. After dealing with the ancestry of the horse as revealed by fossils, Mr. Lydekker proceeds: "As early as the prehistoric period, as we infer from the rude drawings of the animal by its first masters, the European horse was uniformly colored—probably dun, with dark mane, tail and legs. It was a small, heavy-headed brute, with rough, scrubby mane and tail, and no trace in the skull of the depression for the face gland. From this stock are descended the cart horses and the ordinary breeds of Western Europe. The blood horse or Thoroughbred, on the other hand, is a later importation into Europe either from Arabia, by way of Greece and Italy, or, as some think, from North Africa, the home of the Barb. It has been supposed that these Eastern horses are the descendants of an earlier domestication of the same stock. I have, however, recently shown the existence in an Indian domesticated horse skull, as well as of the racehorse, Bend Or, of a distinct trace of the depression for a face gland, and the suggestion consequently presents itself that the Eastern horses (inclusive of Thoroughbreds) are derived from *Equus sivalensis*, in which the face gland may still have been functional.

## The Ergot and Castors.

The Thoroughbred, as contrasted with the cart horse, exhibits the extreme limit of specialization of which the equine stock is capable; this being displayed not only by the gracefulness and beauty of its bodily form and the relatively small size of its head and ears, but likewise by the greater relative length of the bones of the lower segments of the limbs as compared with the upper ones, namely, the humerus in the fore limb, and the femur in the hind pair. In this respect, therefore, the blood horse departs the furthest of all the tribe from its tapir-like ancestors, as it does in its height at the shoulder. But it is not only in its skeleton that the horse exhibits traces of its affinity with its predecessors. On the hinder part of the foot, a little above the hoof, is a structure known to veterinarians as the 'ergot.' This, which apparently attains its greatest development in Grevy's zebra of Somaliland, corresponds with one of the foot-pads of the tapir, and points to a time when the ancestral horses applied the under surface of the fetlock to the ground. More remarkable still are the callosities, 'chestnuts,' or 'castors,' found on the inner sides of both limbs in the horse (inclusive of the Mongolian wild ponies), but only on the fore legs of the other species, which are likewise rudimentary or vestigial structures. Although it has been suggested that these also represent foot-pads (with which they by no means agree in position), it is far more probable that they are really remnants of glands (similar to those found in somewhat the same situation in the hind limbs of many deer, and the front ones of many antelopes, and that their disappearance as functional organs was approximately coincident with that of the loss of the face glands of the hipparions, owing to both being no longer required. Even now, it is said, these callosities, when freshly cut, exude a humor the smell of which will cause a horse to follow for almost any distance."—[Live-stock Journal (British).

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Besides the pain and expense there is an enormous risk to life itself accompanying every operation for piles, and you are not by any means sure of a cure then.

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Dr. Chase's Ointment, 60 cents a box, at all dealers, or Edmanson, Bates & Company, Toronto. To protect you against imitations, the portrait and signature of Dr. A. W. Chase, the famous recipe-book author, are on every box.

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Two choice young stallions: also  
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## GOSSIP.

Colonel F. M. Woods, the well-known pure-bred live-stock auctioneer of Lincoln, Nebraska, says:

"You ask my opinion as to the pure-bred cattle business for years past and years to come. I feel as Ingalls said of Kansas: 'I am proud of the past, satisfied with the present and prophetic of the future.' The year just closed has never had an equal as a 'spreading' year—that is, where so many new men bought pure-bred cattle. Never in my time did they climb into so many new hands as during the past year. They will all stay where the man is as well bred and as up-to-date as the animals. The past year has been a good one. The present prospects assure next year to be a better one. It is 'evolution,' and we will continue to 'evolute' until we reach the millenium." The low prices that have prevailed for hundreds of pure-bred cattle this season will not have been in vain if, perchance, they have passed into the hands of men who are to be the future pillars of the pure-bred cattle industry. These men are destined to be buyers, and later they will be offering pure-bred cattle for sale. Every new man in the business means that interest in improved stock is gradually and indisputably spreading. It means that more stock will be raised and more good breeding animals will be distributed throughout the country. More farmers will use better bulls. More good feeders will come to market. More fat steers will be on sale of the quality that packers want. Incidentally, the age average will be reduced until eventually the best steer for the farm is turned out from the feed lots of the country. We believe that Colonel Woods is right when he says that we "should be satisfied with the present and prophetic of the future."

## LAST CALL FOR BRANTFORD SALE.

Attention is again called to the important auction sale to take place on Wednesday, August 10th, of over 80 head of pure-bred stock belonging to Messrs. Cox and Lewin, at Brantford, Ontario, consisting of Hackney stallions and mares, Standard-bred trotters, Short-horn, Galloway, Holstein and grade cattle and Berkshire pigs. Included in the sale is the four-year-old Hackney stallion, All Fours 145, 16 hands high, and weighing 1,275 pounds, with quality and action to match. A son of the Pan-American and New York champion, Fandango (imp.), and of Imp. Mischief, by Matchless of Lonsdale. Also Jubilee Performer, a three-year-old son of Imp. Jubilee Chief, and of the unbeaten prize mare, Miss Baker. The Shorthorns are a well-bred lot, some having come from the noted herd of W. D. Platt, and others sired by bulls from that famous herd. The Holsteins are bred from deep-milking strains, and the pigs from Pan-American prizewinning stock. The terms of sale are easy, and the place easily reached by rail from any point.

## TRADE TOPICS.

**STEVENS' OINTMENT.**—Splints, spavins and curbs are bound to arise, even in stables where the best of treatment is given the horse; but for such diseases, Stevens' Ointment is a specific remedy. It has been in constant use for over fifty years, and is known all over the world. It is effective and easily applied, and goes to the spot where it can do most good. See advertisement, and give it a trial when occasion arises.

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**WILKINSON PLOWS.**—Now is the time to secure a good plow for the fall work. Plowing is an operation that cannot be satisfactorily done with inferior implements, but one need not use such when the market carries a full line of the Wilkinson makes. They can supply any of the good recognized designs made from the best material, and suitable for modern methods of cultivation.

**Spavin and Ring-bone**  
Once hard to cure—easy now. A 45-minute treatment does it. No other method so easy, quick and painless. No other method sure.  
**Fleming's Spavin and Ringbone Paste**  
cures even the very worst cases—none too old or bad. Money back if it ever fails. Lots of information if you write. Book about Spavin, Ringbone, Curb, Splint, Bog Spavin and other horse troubles sent free.  
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