in vain. The indications, however, were always to relax the spasms and allay the extreme pain which the animal suffered. The essavist had tried various remedies to effect this purpose, and was satisfied that belladonna, in the form of the solid extract, gave the best results. Hypodermic ir lections he had found to cause such violent spasms that he had ceased to use them. He concluded by describing some of the cases which had come under his observation during the past twelve mouths, one of which was in the practice of the College, and had recovered. The sedative which had been used in this case was helladona; and another case in the practice of Mr. Wm. Jakeman, V. S., Haitax, had also recovered under the use of belladona alternated with chloral hydrate. In the discussion which followed, Principal McEachran and Mr. C. J. Alloway, V. S., both related interesting cases which had recovered in their hands. Alloway advocated hydrocyanic acid as the sedarive and anti-spasmodic. The President, Dr. Bell, said that, as a medical practitioner, he was astonished to hear the large percentage of recoveries which had been stated. In his experience of human practice, in the General Hospital, he had seen only two cases of recovery, both of which were chronic tetanus, He considered that, theoretically, opium was the best anti-spasmodic and sedative which could be used, as it did not, as many others, depress the heart's action. He had never given it a fair trial. There was a great deal, he thought with the essayist, to be learned yet concerning the the pathology and eriotogy of the disease.

A vote of thanks was passed to the readers of the papers, after which some pathological specimens were exhibited by Mr. A. W. Clement, and the meeting adjourned.

#### THE VETERINARIAN.

### NOTES ON HORSES.

Worms.—These offensive parasites not infrequently affect the horse. They are the bane of yearling life. They create constitutional disturbances in a marked degree. Horses afflicted by them have larsh, staring coats, especially an abnormal growth of hair in the region of their flanks, accompanied by a light pinky or cream coloured powder on the ams; a harsh, dry cough, constitution of the bowels, alternating with immederate purging. Such horses are ravenous in their appetites; some become pot-bellied and their muscles flabby; they fall away or train back; they sweat profusely on the least effort, and are incapable in advanced stages of a moderate day's work. My working horses are watered fifteen minutes before being fed. I find this plan attended with many advantages.

The Horse's Foot.—One of the medium size is the size to wear. Large feet, weak crusts. Besides, the liability to brush is

greater where abnormal growth is observe b Horses with very large feet have faulty, heavy, unpleasant action; and they soon tie-Small feet are invariably brittle; especially have I remarked this in red roans. horse is uncertain, and blunders in grounding his foot. Difference of size is often an indication that disease, either recent or chronic has been or is present. Flat platter feet are subject to corns. The true angle for the foot subject to corns. The true angle for the foot is about 45° with the ground. Hand feet differ in shape from fore, and are more upright. If hollow on tapping, seedy toe has resulted; if wavy or ringy, one's suspicious are aroused as to the presence of laminitis. If the foot is small both in the fore and hind feet, it is natural to his breed. Seasonal effects may arise to produce suspicions ap-pearances in the foot, retarding or acceleratdrought or rainfall. See to the correct growth of the test from the first. No foot no horse is a very safe maxim. When a horse turns his foot out he is in at his elbows, or his cannons are twisted outwards; turning them in, he is out at his elbows, or his cannons are twisted inwards. With horses turning their toes out the bone is straight and weak on the inner quarter, but with these that turn them in, the outer quarter is straighter, with greater circularity on the inner quarter. Oblique pasterns and open round feet would appear to be natural accompaniments. Again, short pasterns, strong, upright heels, narrow feet (pony feet) in big-bodied horses should be avoided. Higherbred horses incline to small feet, under-bred horses to harge, ungainly feet. In the riding classes good feet are imperative. Although horses in harness may wear a long time with malformed teet, yet no horse can command a satisfactory return to the breeder, and insure a high price or afford credit to the salesman, unless he is well bred and sound at the ground -James Phillippo, Commission Stubles, London, E. E.—From the Agricultural Gazette.

Exclusin farmers are being urged to mise cavalry and artillery horses so as to meet home need without sending government money out of the country to foreign nations. If English farmers won't do it, there is no reason why loyal Nova Scotians should not go heartily to work to recruit the equine forces of the Empire.

As anthropologists are aware, Mr. R. G. Haliburton, Q.C., has been for many years engaged in investigating the legends of the Pleiades and Great Bear, chiefly in Polynesia. During his residence in Canada he has greatly enlarged the scope of his researches, and expects to produce a volume in the spring.—London Athenaum.

## FOR SALE

BT 310

## Pugwash Agricultural Society.

THE Ayrshire Bull DAN. C'CONNELL,
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be sold cheap,
Apply to THOS. A. FRASER,
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63 Huke of Colchester, do. 64 Duke of Colchester, do. 65 Prince Arthur, do. 66 Prince Gwynne, do. 67 Lord Benconsfield, do. 68 Cronwell, do. 68 Cronwell, do. 69 George de Colchester, do. 70 SecondGwynne of the Forest, do. 71 Prince of Wales, do. 72 Valley Plouginman, do. 73 Bissil, do. 74 "Majer How, do. 75 Rollo, do. 76 Grand Pre Duko, do. 76 Grand Pre Duko, do. 77 Benchiet, do. 78 Rollo, do. 79 Suke of the Valley, do. 81 Royal George do. 82 Snowball, do. 82 Snowball, do. 83 Snowball, do. 84 Esmarck, do. 85 Teno, do. 85 Teno, do. 85 Teno, do. 86 Teno, do. 87 Str Charles, do. 88 Rismarck, do. 89 Teno, do. 90 Lord Carence, do. 91 Loopold, do. 92 Dutterin, do. 93 Richmond, do. 95 Fienuebeck Chief, 93 Glerssnan, do. 95 Verbi Stuli, do. 96 (June, 18S1), Vol. IV. p. S0 96 Godo do. 97 Fienuebeck Chief, 93 Glerssnan, do. 97 Verbi Stuli, do. 98 Glerssnan, do. 99 Verbi Stuli, do. 90 (June, 18S1), Vol. IV. p. S0 90 (June, 18S1), Vol. IV. p. S0	60 Earl of Dufferin,		
63 Huke of Colchester, do. 64 Duke of Colchester, do. 65 Prince Arthur, do. 66 Prince Gwynne, do. 67 Lord Benconsfield, do. 68 Cronwell, do. 68 Cronwell, do. 69 George de Colchester, do. 70 SecondGwynne of the Forest, do. 71 Prince of Wales, do. 72 Valley Plouginman, do. 73 Bissil, do. 74 "Majer How, do. 75 Rollo, do. 76 Grand Pre Duko, do. 76 Grand Pre Duko, do. 77 Benchiet, do. 78 Rollo, do. 79 Suke of the Valley, do. 81 Royal George do. 82 Snowball, do. 82 Snowball, do. 83 Snowball, do. 84 Esmarck, do. 85 Teno, do. 85 Teno, do. 85 Teno, do. 86 Teno, do. 87 Str Charles, do. 88 Rismarck, do. 89 Teno, do. 90 Lord Carence, do. 91 Loopold, do. 92 Dutterin, do. 93 Richmond, do. 95 Fienuebeck Chief, 93 Glerssnan, do. 95 Verbi Stuli, do. 96 (June, 18S1), Vol. IV. p. S0 96 Godo do. 97 Fienuebeck Chief, 93 Glerssnan, do. 97 Verbi Stuli, do. 98 Glerssnan, do. 99 Verbi Stuli, do. 90 (June, 18S1), Vol. IV. p. S0 90 (June, 18S1), Vol. IV. p. S0	62 Breswalds,	A.	(Sept. 1880), Vol. IV. p. 63
77 Lord Reaconsfield, do.	63 Rello,	do.	do. do.
77 Lord Reaconsfield, do.	65 Prince Arthur.	do.	
Stromwell,   do.	66 Prince Gwynne,	do.	do. Vol. IV. p. 69
(2) Gladstone, do. do. do. do. do. Osciented Gwynne of the Forest, do.	67 Lord Beaconsfield,	do.	
70 SecondGwynne of the Forest, 71 Prince of Wales, 72 Valley Flouginnan, 73 Rissil, 73 Rissil, 74 Waler How, 75 Grand Pre Duko, 76 Grand Pre Duko, 76 Grand Pre Duko, 77 Shoke of the Valley, 78 Robe, 79 Suke of Aron, 79 Suke of Aron, 70 St Snowball, 70 St Charles, 70 Grand Pre Duko, 70 Suke of Aron, 70 St Snowball, 70 St Snowball, 70 St Snowball, 70 St Snowball, 70 St Charles, 70 Grand Pre Duko, 71 Suke of Aron, 70 Grand Pre Duko, 71 Suke of Aron, 72 Snowball, 73 Snowball, 74 Suke of Aron, 75 Suke of Aron, 75 Suke of Aron, 76 Suke of Aron, 77 Suke of Aron, 78 Grand Pre Duko, 78 Gr	(a) Gladstone,	do.	
71 Prince of Wales, de. do. do. do. do. do. do. do. do. do. do	70 Second Gwynne of th	C	(Sept 1860) V.J 11' n 00
72 Valley Plougiman, do.	71 Prince of Wales.	de.	do. do.
74 "Majer How, do.	72 Valley Ploughman,	do.	do, do.
15 Rola,   do.	74 "Maier How.		
171	75 Robo, 75 Grand Pre Duko.	da,	do. do.
78   Rusan Duke.   do.			do, do,
73 * Anke of the Valley, do.     \$1   Boxal George 2nd, do.     \$2   Boxal George 2nd, do.	78 Roan Duke.	do.	do, do.
Sl Dake of Avon,   do.   Sl Showdale,   do   do.   Vol. IV. p. 70	79 *Duke of the Valley	, do.	do. do.
22 Snowdake, do do. do. do. St Snowball, do (Oct. 1839), Vol. IV. p. 79 St Independence, do			
Si Independence,   do   do   do   do	82 Snowdake,	do	do, do,
S. Zeno,   do   do   do   do   S. S. Zeno,   do   do   do   do   do   do   do			
S7 Sir Charles,   do   do   do   do   S3 Il'smarek,   do   do   do   do   do   do   do   d	85 Zeno.	do	da do
St Rismarck,   do   do   do   do			
St Travelite,   do   do   do     20 Lord Carence,   do   do   do     1 Lospold,   do   do   do     12 Dutterin,   do   do   do     22 Dutterin,   do   do   do     23 Oviend Lad of Lornedate,   do   do     40 Hela,   do   do   do     50 Hichmond,   do   do   Vol. IV. p. 80     40 Tom,   do   do   do     57 Kenuebeck Chief,   do   do     58 Versi Sull,   do   do   do     59 Versi Sull,   do   do   do     50 Versi Sull,   do   do   do	83 Blamatck,		
91 Leopold,   do   do   do   do   do   do   do	89 Tavorite,	do	do do
92 Dufferin. do do do 93 Ovford Lad of Lorn- daic, do do do 95 Bela, do do do 95 Richmond, do do Vol. IV. p. 80 107 Tom, do do do 17 Kenuebeck Chief, 18 Glensman, (June, 1881), Vol. IV. p. 143 18 Ve's Isuli, do do do			
daic, do do do   do   do   do   do   do   do	92 Dutterin.	do	
94 Bela, do do do 95 Richmond, do do Vol. IV. p. 80 90 Tom, do do do do 97 Kenuebeck Chief, do do 93 Glensann, (June, 1881), Vol. IV. p. 143 90 Ve's Isuli, do do do	93 Oxford Lad of Lorn- date		do do
95 Hichmond,   do   do   Vol. IV. p. 80 108 Tom,   do   do   do   107 Kenuebeck Chief,   do   do   108 Vers biult,   do   do   do   109 Vers biult,   do   do	94 Bela,	do	do do
97 Kenuebeck Chief, do do 93 Glensann, (June, 1881), Vol. IV. p. 143 93 Vers Bull, do do do	95 Richmond.	do	do Vol. IV. p. 80
93 Glensman, (June, 1881), Vol. IV. p. 143 99 Veo's Bull, do do do	1 97 Renuebeck Chief,	uo	do do
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49	100 Glensman 2nd.		
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