

comprehended in a few words. Let that amount of interest, compliment, praise, or sympathy, as the case requires, which would be given to a friend, be transferred to brothers and sisters; give "the prophet a little honor." Let not the home atmosphere depress or chill the buoyancy of youthful spirit; give the pent-up fountains of natural affection a channel through which to flow. The reflex influence will bring its reward thirty, sixty, and one hundred fold.

In the more delicate subject of a wife's inattention or a husband's indifference, we venture to say that in not a few instances both may look to themselves, not each to the other, to find the fault. Should a husband who takes no notice of the many little decorations which wifely hands have arranged, who turns away with ill-concealed impatience, if perchance his over-burdened wife occasionally ask for advice or assistance in the discharge of domestic duties; should such a husband wonder why he at times has to suffer an indifference if not a negative interest in matters which are to him all important? We do not, of course, attempt to justify those wives whose narrowness of idea and illiberality of mind would hamper their husbands in every undertaking. Unhappy themselves, it seems to be a source of pain to see others enjoy life. The remedy in such a case is more easily discussed than applied. There is a happy medium which has been reached in many homes where the wife does her part well, and has true sympathy with her husband in all his undertakings, and where the husband does his part equally well, protecting with true manliness those dependent upon him. Such homes whisper of Eden, and no matter what storms may come, in perfect unison husband and wife together brave them, leaving to their families an enduring record of the happiness of a home. MARA.

Welcome Visitors.

Private Catalogue of Polled Aberdeen-Angus cattle and English Shire horses, the property of the Geary Bros. Co., Keillor Lodge Stock Farm, Bothwell, Ont., and Geary Bros.—Bli Bro Stock Farm, London, Ont. The catalogue contains 38 bulls, of which 6 are imported, and 75 females, of which some 50 head were imported. It also contains 3 Shire stallions, 3 Shire mares, and 2 Clyde stallions; all the horses imported save two. The introduction sketches, the origin, history, etc., of the Aberdeen Polls.

Personal.

Mr. Bliss Anderson, from Sackville, N. B., favored us with a visit a few days ago. He deprecates the apathy of many of his countrymen in reference to the advantages of improved stock. His mission here was to pick up some first-class Shorthorns to take to his eastern home.

Mr. C. H. McNish, a graduate of the Ontario Agricultural College, Guelph, and who for the past two years has had entire charge of the celebrated prize-winning herd of Berkshires, owned by N. H. Gentry, Sedalia, Mo., is returning to Canada, and will rejoin his brother, W. H. McNish, at Lyn, Ont., in the breeding of Berkshires, of which they intend making a specialty. The style of the new firm will be W. H. & C. H. McNish.

Messrs. Geo. Moore, J. C. Snell and J. Rykert, are again returned on the board of the Agricultural and Arts Association. It is not yet decided as to who shall be the successor of W. Carnegie, the election having resulted in a tie between Mr. Barnum and Mr. Vance. We regret very much that Mr. Carnegie is retiring. He has done much excellent work on the board.

Jottings.

Press of matter.—Very many valuable articles and notices have this month to be held over owing to the crowded state of our columns.

Pails for Feeding Calves.—Can any of our readers inform us where pails for feeding calves, with the rubber attached, are to be got in Canada?

Underdraining.—The essay on this subject and various other matter intended for February have to be held over until March.

Ameliasburg Agricultural Society.—This is one of the strongest and best agricultural societies of Ontario. It holds a show on Dominion day, and also an annual exhibition in autumn.

Tiles.—Mr. E. C. Haack, of Conestoga, Ont., is the possessor of what he claims as the largest tile yards in Canada and the second largest machine, turning out 16,000 to 17,000 small tiles per day, and large ones in proportion.

Improved Stock in the N. W. T.—Mr. James Thompson, of Prince Albert, N. W. T., writes that "Several gentlemen in the district have improved their stock by introducing Shorthorn sires. We have had lovely weather all fall. Stock pastured out until Dec. 1st, and did well."

Farm Prizes.—The council of the Agricultural and Arts Association of Ontario are this year offering *steeplechase* prizes on farms. The competition is open to the whole Province, but only to those who have taken medals during the past six years. There will be three valuable prizes given.

Fruits of Advertising.—"I beg to state that I have sold all my four thoroughbred Herefords advertised in your JOURNAL on New Year's day, Jan. 1st, 1886, to E. M. Henry, Esq., of Oshawa. It was owing to the above advertisement that I succeeded in selling them."—E. A. Carver, Hughenden, Colpoys Bay, Ont.

Daily Gains at the Smithfield.—The highest rate of daily gain at this show in 1885 was 2.69 lbs., made by an 18 months Hereford steer. In 1884 the highest daily gain, 2.49 lbs., was made by a Shorthorn steer. The averages of all the breeds in 1885 made at similar ages place the Shorthorns first in all stages under two years, under three years, and under four years.

Advertisements.—We trust our readers will carefully read the advertisements, new and old, of this issue. The large number and want of space prevents a reference to them in detail; but we believe there will be found a larger variety of stock advertisements than has ever appeared in any one issue of any journal ever published in Canada. The JOURNAL is proud of the patronage accorded it in this respect.

Herd Book for Scrubs.—A herd book is now established for the Kyle or West Highland Cattle. About the only remaining breed in Britain without a herd book is the Kerry and the propriety of establishing one for these has been mooted. If the scrubs are so useful as some people would try to make believe, why not agitate for a record to preserve them from the extermination doom with which they are threatened?

Well Done, Aberdeen-Angus.—At the Smithfield Fat Stock Show, London, England, Mr. Clement Stephenson has carried off the Elkinring 100 guinea Challenge Cup—the great prize of the show—for three years in succession, and always with an Aberdeen Angus Polled heifer more or less purely bred. Her Majesty the Queen also won with eight animals exhibited—two special breed prizes, four first prizes, two seconds and two highly commended cards.

Shorthorns in the Dairy.—Professor Brown, of the Ontario Experimental Farm, at the meeting of the Michigan Shorthorn breeders, held in Lansing, Dec., praised the Shorthorn as an all round cow. He stated that at the leading exhibitions this year in Ontario, it proved only second to the Jersey as a dairy cow. The professor dwelt upon the lack of judgment shown in selecting the bull, and the disregard of choosing family types in even individual cows.

Breeder's Directory.—There are scores of stock men in many districts who we believe would find it pay well to have a card of two or three lines in the BREEDER'S DIRECTORY. Oftentimes their stock is superior, but being known only by their immediate neighbors, have little chance of getting its full value when placed in the market; whereas a card would bring

it to the notice of thousands of readers throughout Canada and the United States. The cost is only \$1.00 per line per annum.

Prizes for Essays.—The council of the Agricultural and Arts Association of Ontario are offering prizes for essays on the following subjects: (1) The relations between employers and employed in Canada, with special reference to the farm, with a view to improving these relations. (2) Grasses and clovers, their comparative values as food for live-stock; their adaptability to different soils and climates, with best methods of cultivation. The first prize in each case is \$30, and the second \$20. The manuscript in both cases not to exceed 25 pages.

The Rennie Ditching Machine.—Mr. W. I. Chamberlain, in speaking of the working of this machine in the *Country Gentleman*, says, "The Rennie, as now perfected and strengthened, is admirably adapted to our average Ohio boulder clay soils, which are nearly all somewhat stony. It is the farmers' and small jobbers' machine for Ohio, where it must encounter all kinds of soils and clays, and where a good many stones are met." In a contest held at Marion, Ohio, Nov. 17th, it was the only machine that completed nearly the entire job, without any hand finish.

Canadian Clydesdale Stud Book.—As will be noticed in the advertisement, the limit fixed upon for entries for the first volume is the 1st of April. The following are the rules governing entries in this volume: There will be admitted, 1. Clydesdale stallions and mares recorded in stud-books of Great Britain; 2. Clydesdale stallions and mares by recorded sires and out of recorded dams; 3. Clydesdale stallions having five top crosses by recorded sires, and Clydesdale mares having four top crosses by recorded sires. It is probable that a meeting of Clydesdale breeders will be called before the issuing of the volume.

Agricultural Machinery.—When in Brantford recently, we called upon N. Harris & Son, the agricultural implement firm, whose establishment employs from 250 to 300 men when in full capacity, and nearly that number at the present time. They say orders are coming in rapidly for binders, of which they are turning out 2000 this season, 1600 mowers and 1000 reapers. The warehouse was packed full of machines ready for spring shipment. The new grounds where buildings are being erected for this firm comprise 12 acres. Two of each variety of the above machine are now awaiting shipment to the Indian and Colonial Exhibition.

Our Engravings.—We trust our readers will pardon us for again referring to our engraving this month. The cut of D. & O. Sorby's yearling Clydesdale reflects much credit upon both the delineator and engraver. It is certainly one of the best cuts it has been our privilege to present to our readers, and we doubt if anything superior has been given by any journal in America. The small cuts of the famous show bulls, Bampton Hero and Prince James, which adorn the advertisements of J. & W. B. Watt and Jno. Forthgill & Sons, respectively, are life-like pictures of the noted sires, and the work of our own artist and engraver.

Increase in Live Weight.—Mr. John Milne, Mains of Laithers, Aberdeenshire, Scotland, who read a paper before the Fife farmer's club at Cupar, stated therein that for the past six years he had had all his cattle except cows weighed monthly. He found that calves gained 13½ lbs. per week for the first 13 weeks, that from 18 to 24 months old, and stall fed, the weekly gain was but 10½ lbs. In the Shorthorn prize steers shown at Smithfield, 1883, under two years, the average daily gain was 2.20 lbs.; between that and three years, 1.96 lbs., and between that and four years, 1.61 lbs.

Permanent Pastures.—The following is a list of the grasses now sown in laying down permanent pastures at the Experimental Farm:

Grasses.		Clover.	
Meadow Fescue	6 lbs.	Lucerne	4 lbs.
Meadow Foxtail	3 "	White	2 lbs.
Orchard	3 "	Alsike	2 "
English Rye	2 "	Red	1 "
Kentucky Blue	2 "	Yellow	1 "
Timothy	3 "		
Red Top	2 "		
Yellow Oat	2 "		
Tall Oat	2 "		
Total	25 lbs.	Total	10 lbs.

A Successful Cheese Maker.—The Plum Grove Cheese Factory, in Rodden, Hastings Co., of which Mr. Wilmet Vandervoort is president at the present time, is surely in a sense the banner factory of Ontario. Cheese made at this factory under the direction of Mr. James Whitton, Wellman's Corner one of the instructors, carried the sweepstakes at Toronto