

The Apiary.

Progress in Bee Culture—Protection during Winter.

At the last meeting of the American Beekeepers' Association the president, R. F. Holtermans, said, in his annual address:

As an occupation, beekeeping is making progress in many desirable directions. True, there are a few yet who try to belittle beekeeping by giving the impression that anyone can keep bees and succeed without experience and labor and others who think the experience of able men should not be presented. All this we are leaving behind us, and we are standing upon a broad and liberal platform. Our industry is being recognized as a wealth-producing power of the country, and we can justly be proud of our occupation.

The study of the life history of the marvelous honey bee has thrown open to scientific men some of the most beautiful laws of nature, in that way increasing our reverence for the Creator of all things, who has set these laws in force.

Many who are going in the cities could take hold of beekeeping with profit. The taking of honey takes nothing from the fertility of the soil. The bees are great public benefactors in the pollination of flowers, and day by day investigations reveal the importance of the honey bee in its relation to plant life. Honey is also one of the most economical and healthful of foods.

The speaker urged beekeepers to stand shoulder to shoulder to protect their market. As an association and as individuals, he said, we could do much to encourage the consumption of one of the most healthful of foods gathered from nature's laboratory, from fields and forests.

Bee Protection During Winter.

A very inexpensive and good way to protect bees for winter is to make bottomless boxes to set over the hives, says Farm and Home, large enough so that there shall be a space of 3 or 4 inches on the sides and 5 or 6 inches on the top. The front should be left open from the bottom up to the entrance. Nail a board about 6 inches wide to fit close to the hive at the lower edge of the board, which should come just above the entrance and upper edge come out to the edge of the box; that will leave the entrance open which can be partly closed with a small stick is so desired. The bees are left on their summer stands and the space between the hive and box packed with dry chaff or leaves. The boxes should come about 6 inches above the hives. After placing a cloth over the brood chamber, set a super on and fill full of chaff, then place the cover of the hive on and also have a cover to fit the box. If the location is very windy, a weight should be placed on the outer cover to prevent wind blowing it off. Bees should be packed about Nov. 1 in Michigan and similar latitudes. They should be examined after every snow storm to see that snow does not obstruct the entrance. That will be all the care they will need until May 1.

The Flock.

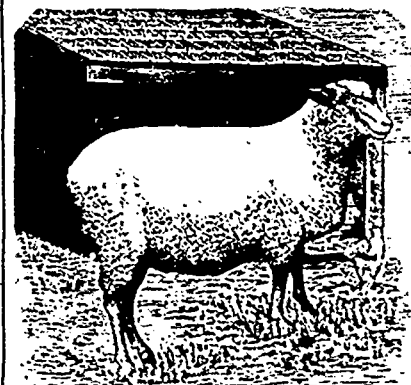
SOUTHDOWN SHEEP.

CHAMPION SOUTHDOWN WETHER "HEAVY WEIGHT" AND HIS RECORD.

Mutton—Origin of breed—Regularity of feeding.

With our improved methods of feeding and the growing of more roots, our farmers have learned how to raise as fine mutton as can be found in the other markets of the world. A Scotchman who judged the fat sheep at the live stock show held in Madison Square Garden, New York, last winter, said that he had never in his life seen a finer lot of sheep. The illustration shows Heavy Weight, 7007, a pure Southdown, bred and fattened by W. H. Beattie of Ontario. Heavy Weight is a lamb won first at Guelph, first as a yearling and sweepstakes at the same place, second as a yearling at the Columbian World's Fair, and first at both Toronto and London as a two-year-old. This wonderful wether should be carefully studied by all breeders and feeders interested in sheep. He is very evenly and symmetrically developed, with a saddle that would delight any epicure. He served as Christmas mutton for the members of the Union League Club. No better evidence of the value of New-York as a market for anything good can be adduced than the sale of fat sheep at the show referred to. They brought three cents a pound more than market price, and the supply was nothing like the demand.

The Southdown breed derives its name from a range of chalky hills or



CHAMPION SOUTHDOWN WETHER

downs in England, and most of the credit is due John Ellman, (1) who, without impairing in the least their hardy constitution, succeeded in bringing them to a great perfection, with regard to a more symmetrical and profitable form, superior flesh with early maturity. His success was so great that he formed a flock, from which the best blood of the breed has since been derived. The Southdowns have a close-set fleece of fine wool, weighing, when the animals are well fed, about four pounds; their faces and legs are of a dusky brown, nearly black color, necks slightly arched, limbs short; body broad and compact, offal light and the buttocks very thick and square behind. They are easily confined and do better where land is limited than almost any other breed. Of course they will thrive best where well fed and well cared for, making a very profitable breed for any farmer.

(1) Ellman's wethers weighed 64 lbs. at 2 years old; Jonas Webb's weighed 112 lbs to 120 lbs. at 18 months. Lambs of the Hampshire-down breed at 9 months often weigh as much as the latter. Ed.

where wool and mutton are both desired. They attain early maturity, are hardy and prolific, often producing two at birth. The lambs are large, hardy and mature early; when eight months old they are said to dress from 60 to 100 pounds. Though naturally an upland sheep, they thrive equally well on lower sections. They make an excellent cross on native sheep, the progeny taking after the sire.

Mr. Beattie's success in the show yard with fat sheep entitles his words to some weight in feeding sheep. Listen to what he says: "I always feed my sheep, with the greatest regularity, never at one time to-day and another to-morrow. I never leave any feed near the sheep; this is suicidal to all success. Give the sheep as much water as they want, and plenty of salt. Be gentle with them, and never startle them. A sheep that is fattening does not need much exercise. Their business is to lay on fat, and to do this they must be contented and happy."—E. T. Reddick, in "American Agriculturist."

Special Notices.

CONSUMPTION CURED.

An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail, by addressing, with stamp, naming this paper, W. A. NORRIS, 820 Powers' Block, Rochester, N. Y.

As a home remedy for throat and lung diseases, Ayer's Cherry Pectoral is invaluable. Druggists now have Ayer's Almanac.

THE FAMOUS ONTARIO BUSINESS COLLEGE.—We would draw the attention of our readers to the advertisement of the Famous Ontario Business College, of Belleville, Ont., now in its 29th year. This institution is the most widely attended business college in America and has the highest reputation for thorough teaching and general efficiency. There are constantly in attendance a large number of students from the province of Quebec. We would advise young men and parents desiring to give their sons a start in life, to send for the catalogue of Ontario Business College to Messrs. Robinson and Johnson, the principals, Belleville, Ont.

Dandruff is due to an enfeebled state of the skin. Hall's Hair Renewer quickens the nutritive functions of the skin, healing and preventing the formation of dandruff.

The Seed is the Vital Thing.

Planting must be begun right, else no amount of cultivation or fertilizer can prevent the crop being a failure. The first step is the selection of the seed. Do not take any risks here. Get seeds that you can depend upon—seeds that are fresh, that have a reputation behind them. The most reliable seeds grown in this country are Ferry's Seeds. Wherever seeds are sown the name of D. M. Ferry & Co., of Windsor, Ont., is a guarantee of quality and freshness. The greatest care and strictest caution are exercised in the growing, selection, packing and distribution of their seeds. Not only must they be fresh, but they must be true to name. On a par with the quality of the seeds is Ferry's Seed Annual for 1897, the most comprehensive and valuable book of the kind ever printed. Every planter, large and small, should get, read and digest this book before planting a single seed. It is free to all who address the firm as above.

Mr. George Thomas, Liveryman of Ridgeway, Ont., says of the Saskatchewan Buffalo Robes: "It is with pleasure and satisfaction that I can recommend the Saskatchewan Buffalo Robe for I have used them both in cold, wet and mud. In cold weather it is equal to the best Buffalo Robe. When muddy it is easier to clean and you can have it out in the wet all day and the under part will be perfectly dry, and after being dried it does not turn hard as most skin robes do. I have been in the livery business for twelve years and they are the best robes I have ever used and I cannot say too much in their favor."

A Very Popular Calendar.

Few people in these busy days are willing to live without a calendar to mark the passing of time. This fact, no doubt, accounts for the calendars of all kinds, colors, shapes and sizes which flood the mails at this season. Among them all the one that best suits us is that issued by N. W. Ayer & Son, the "Keeping Everlastingly At It" Newspaper Advertising Agents of Philadelphia. We have just received our new copy and are fixed for 1897. It is not difficult to see why this calendar is so great a favorite. The figures on it are large enough to be read across a room; its handsome appearance makes it worthy of a place in the best furnished office or library, while it is business-like all the way through. The publishers state that the demand for this calendar has always exceeded the supply. This led them years ago to place upon it a nominal price—25 cents, on receipt of which it is sent, postpaid and securely packed, to any address.

As will be seen by their announcement in the advertising columns, Messrs. Wm. Ewing & Co. have their Annual Seed Catalogue now ready. During the 28 years they have been in the business each year has been a progressive one, and they acknowledge, with pardonable pride, a greater patronage in the past year than ever before—due to the appreciation of their keeping faith to their standard of superiority—Messrs. Ewing & Co.'s patrons may rely upon the seeds sent out by them, having been fully tested; or if otherwise the fact is honestly stated in their catalogue, with useful hints concerning the same. The firm's aim being to make their annual catalogue a practical condensed epitome of the various lines, useful to the amateur with a small garden as well as to the farmer.

All interested should send their address to Messrs. Ewing & Co. when a copy will be mailed free.

PUREST AND BEST

Windsor Salt

Is the only salt manufactured by the Vacuum Process in Canada and is much superior to any Imported Vacuum Process Salt.

TABLE SALT Made by a patent Process solely in use at the Windsor Salt Company's Plant.
DAIRY SALT Each package containing these grades is marked with our Trade Mark.
CHEESE SALT

Best quality Ordinary Fine Salt for general purposes.
WINDSOR SALT CO., Limited.
WINDSOR, ONT.

ONTARIO BUSINESS COLLEGE
Now in its 29th year, continues to occupy its prominent position as the most thorough and most widely attended Business College in America.

For Catalogue address:
Robinson & Johnson, F.C.A.
Belleville, Ont.

"LITTLE GIANT" GRINDER,
The Best and Cheapest Grinder on the Market.
Little Giant Feed Mill and corn cob Crushers.
Write for Circulars and Prices.
J. A. McMARTIN & CO., 637 Craig St., S. E. Factory, 14 St. George St., Montreal.

Wm. Wylie, Howick,
or 228 Bleury St., Montreal,
BREEDER OF HIGH CLASS AYRESHIRE.
A few choice Young Bulls and Heifers for sale, at moderate prices.

DAWES & CO., LACHINE, QUE.
BREEDERS OF
Pure Bred Horses,
Ayrshire and Jersey Cattle,
Berkshire and Yorkshire Pigs.