

FARM AND GARDEN.

In France, dairy cows are obliged to be kept scrupulously clean, daily washed and dried before milking.

The old rule was that a heifer with her first calf could be reckoned half a cow. They will generally be better than this if well fed and cared for.

"CHEWING THE CUD."—A very large tribe of animals, of which sheep and cows are only familiar examples are called in works of natural history Ruminantia because they all ruminate, they chew the cud.

The second stomach, while busy at work in soaking the food, keeps in motion, and gradually rolls it up into masses, so that in the small upper part there is formed an oblong solid lump of the size that we recognize as the "cud."

This the animal throws up into mouth, and chews with evidently as much satisfaction as the same act of mastication gives us when we put the most delicate morsels between our teeth.

But the "cud" thus masticated does not return to the second from which it had come. It passes smoothly into the third, a place for additional lubrication, and then into the fourth, where the true digestion begins and ends.

In the work on feeding animals, by Professor Stewart, it is stated, as the result of careful experiment, that ten pounds of turnips and one and a half pounds of corn will fatten a young sheep or lamb faster than three pounds of corn alone.

The entire cost of cabbage—planting, cultivating, harvesting, storing, and marketing—need not be over one cent a head.

Put green food, like clover and grass, in barrels and sink them in the ground as a sort of silo to preserve the food for hens in winter.

Plant sunflowers everywhere, where you can find a place, about the barn or fowl-house. It is well known that this plant is especially valuable for its health-giving qualities.

The English apple crop is short so are the Canadian and American, so that the owners of apple orchards in Canada should be able to obtain very good prices.

HOUSEHOLD.

SCALLOPED TOMATOES.—Peel and cut in slices a quarter of an inch thick. Pack in a pudding-dish in alternate layers, with a force-meat made of bread-crumbs, butter, salt, pepper, and a little white sugar.

Try cranberries for malaria. Try a sun bath for rheumatism. Try clam-broth for a weak stomach.

Try cranberry poultice for erysipelas. Try swallowing saliva when troubled with sour stomach.

Try eating fresh radishes and yellow turnips for gravel. Try eating onions and horseradish to relieve dropsical swellings.

Try buttermilk for the removal of tan, and walnut stains, and freckles. Try the croup-tippet when a child is likely to be troubled in that way.

Try hot flannel over the seat of neuralgic pain, and renew frequently. Try taking cod liver oil in tomato catsup if you want to make it palatable.

Try snuffing powdered borax up the nostrils for catarrhal cold in the head. Try taking a nap in the afternoon if you are going to be out late in the evening.

Try breathing fumes of turpentine or carbolic acid to relieve whooping-cough. Try a cloth wrung out from cold water put about the neck for sore throat.

Try walking with your hands behind you if you find yourself bent forward. Try an extra pair of stockings outside of your shoes when traveling in cold weather.

Try a silk handkerchief over the face when obliged to go against a cold, piercing wind.—Evangelical Messenger.

SCIENCE.

TIRED EYES.—People speak about their eyes being fatigued, meaning that the retina, or seeing portion of the brain, is fatigued, but such is not the case, as the retina hardly ever gets tired. The fatigue is in the inner and outer muscles attached to the eyeball and the muscle of accommodation, which surrounds the lens of the eye.

More than half a century ago a good New Hampshire deacon by the name of Day, living not far from the White Mountains, had seven children—six daughters and one son. They were known as his six week Days and one son Day.

A negro witness in Macon, Ga., testifying in a bicycle case, gave this as the result of his observations:—"If you ride slow you turn over yourself; if you ride fast you turn over somebody else."

A false hood covers many a smiling face. A certain crazy fellow takes his scream with his coffee at breakfast.

One swallow does not make a Summer, but summary swallows will produce an early Fall.

STEERING A BALOON.—The Wonderful Air Ship that Travels Against the Wind.—No little excitement has been caused in France by the news that a successful experiment in balloon-steering was performed at Mendon, near Paris, on the 9th of August—a date which M. Herve Mangon, in reporting the experiment to the Academy of Sciences on Tuesday, declared "will remain ever memorable in the annals of discovery."

The Chinese have a curious way of determining the future occupation of a male infant. On the first birthday he is seated in a large sieve, with money scales, a foot measure, a pair of shears, a brass mirror, a pencil, ink and books, an abacus and similar articles ranged in a circle around him.

screw, and a rudder. The motor is said to be composed of accumulators which can supply during four hours a power of ten horses, and they are moved by the screw which serves as propeller to the apparatus. The balloon was made of light, strong silk, and was covered, as usual, with a netting, to which the car was suspended. All the propelling mechanism was contained within the car, the rudder alone projecting outside like that of a boat.

VARIETIES.

Two hundred and ninety-three persons were killed while trespassing on the various railways lines of the United Kingdom during the year 1883, but only four donkeys met with sudden deaths from the same cause.

The Arctic regions are not without their pleasures. The Esquimaux girls are very pretty, dance, sing, and do not care for ice cream. Hot drinks and walrus blubber are their peculiar vanities, and sealskin saques are sold at two iron hoops and a tennepny nail.

A contemporary publishes some curious facts concerning the leathern manufactures of Great Britain. From these it would appear that the species of alligator, whose skin is so fashionable just now for handbags, card-cases, etc., is a warm blooded, pachydermatous animal covered with hair.

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One swallow does not make a Summer, but summary swallows will produce an early Fall. This was improved many years ago and placed on a wife's tombstone in Pembroke-shire:— She was— But words are wanting to say what; Think what a wife should be, And she was that.

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BAPTIST HEADQUARTERS. BAPTIST BOOK AND TRACT SOCIETY. 104 Granville St., HALIFAX, N. S.

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APRIL 16. PATENTS MUNN & CO., of the SCIENTIFIC AMERICAN, combine to act as Solicitors for Patents, Caveats, Trade Marks, Copyrights, for the United States, Canada, England, France, Germany, etc.

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TRURO AND KENTVILLE Marble, Freestone AND GRANITE WORKS, A. J. WALKER, Prince Street, Truro. A. J. WALKER & Co., Church Street, Kentville. Jan. 9. 'to Dec. 31.

Nova Scotia Book Bindery, G. & T. PHILLIPS, Cor. of Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Performers, Steam Machine PAPER BAG Manufacturers, Cheapest in the Market. Jan. 31.

Which they can make up at prices which will defy competition. A perfect fit and every satisfaction guaranteed. May 23.

IT IS TRUE!

KIND WORDS. WHAT OTHERS THINK OF BUDS AND BLOSSOMS.—The following is from The Christian at Work, a first-class religious weekly, published in New York: "In the City of Halifax, Nova Scotia, is published a monthly magazine called Buds and Blossoms and edited by J. F. Avery. Each number contains forty pages, plentifully and handsomely illustrated, and at 75 cents a year is certainly one of the cheapest publications extant. But better still, it is one of the best. Its pages are full of the gospel spirit, excellent temperance sketches, missionary intelligence, short stories, household hints and suggestions, all entertaining clean and wholesome literature, suitable for the home and family circle, and calculated to promote purity and knowledge among its readers. We do not know what the circulation of this excellent publication may be, but of this we are sure, it ought to be double whatever it is, for it is just the right kind of reading to be put into the hands of young folks; bright, cheery, hopeful and strong, without cant or sickly sentimentality. We hold it as an indisputable truism that when an opportunity offers to promote the circulation of such literature among the young it becomes a religious duty to do so. Send to the publisher for a specimen copy, and you'll find that we have not said one-half the good things we might concerning it."

SPECIAL OFFER!!! We will send back numbers till the end of 1884 for 50 cents, or for \$1.00 will take new names from date until end of 1885. So confident are we you will like it, we offer it for 25 cents remainder of the year. Send 5 cents for specimen and opinions of the press.

Buds & Blossoms. REV. J. F. AVERY, Editor, Mispah Cottage, Kempt Road, Halifax, N. S. Aug. 6.



GATES' Certain Check PURELY VEGETABLE COMPOUND AND IS A Sure and Speedy Reliever of all kinds of Pain and Cramp.

It is certain to check Diarrhoea and Dysentery almost instantly as well as cholera, Cholera Morbus and all kinds of violent pain. No family should fail to have a supply of this in the house as it may save life before a physician can be called, beside saving a great amount of suffering. Would recommend to diet for a short time after relief is obtained. For children nothing can be found to equal it—being very pleasant to the taste and giving relief instantly.

TRY ONE BOTTLE. Full directions of Label and Wrapper. Sold everywhere at 25 cts. per bottle. Manufactured by G. GATES SON & CO., Middleton, Annap. N. S. See Certificate next month. July 23.

SAVE THE NATION! For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember, RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes.

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus materially lessening the expense. WOODRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridge's Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs. April 17.

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