

In looking for something suitable to give your Lady Friends call and look over the stock of Mrs. F. L. Mooers where you will find goods that will please you in all kinds of Ladies, Childrens and Infants wear.

MRS. F. L. MOOERS
Main St.

Women Suffer
More than Men

Women have more than their share of the aches and pains that afflict humanity. They must "keep up," in spite of constantly aching backs, or headaches, dizzy spells, etc. Mrs. Edward Calwood of 123 S. Harold Street Fort William, Ont., says:

"I suffer with dull miserable pains, soreness across my back and in my sides for months. They would catch me so badly a times that I could scarcely move around. I would have dizzy spells and altogether, feel generally run down. After using a number of remedies without finding relief, I learned of Booth's Kidney Pills and found them an excellent remedy. They not only relieve me of the miserable pains and soreness in my back but cured me of my kidney trouble."



Pills cure B
ache, Dull Shooting
Pains, Thick An
Cloudy Urine
Gravel or Stone,
Rheumatism an
all diseases of the
kidneys and blad
der

All druggists and dealers 50c. box or pos paid from The R. T. Booth Co. Fort Erie Ont. If you derive no benefit your money will be refunded. Could we say more? Sold and guaranteed by E. W. Mair.

December Red and Gun

ROD AND GUN for December published by W. J. Taylor Limited Woodstock, Ont., is an especially readable number. Among its varied list of contents may be found The Calgary Stampede, a description of the wonderful historical pageant that took place last Sept. in that city of the plains; "Bud Parsons," an amusing tale of a youthful hunter who thirsted for the blood of a bear; a finely illustrated article describing the winter attractions of a well known summer tourist rendezvous--Algonquin Park; and a very funny Indian story-poem of "Hole-in-the-Jaws"--so named because

His mouth was large and wide, Extending clear from ear to ear And six by eight inside. "Food and Feeding," is the subject of the eighth article on the Culture of Black and Silver Foxes and other stories of adventure are of an exceptionally entertaining nature.

Does Your Stomach Work Properly

There is no complaint so humiliating and tiresome as stomach complaint. The reason so many people suffer with their stomach is because they overwork it and do not give it a tonic.

Mi-o-na Tablets will tone the stomach and speedily remove the disagreeable belching (gas on the stomach) sour taste and foul breath. Dizziness, biliousness and headache all disappear when you begin to take Mi-o-na.

Mi-o-na is guaranteed by E. W. Mair who will refund your money if they fail to cure or do what we claim. Postpaid from The R. T. Booth Co., Limited, Fort Erie, Ont., on receipt price, 50c.

Exchange: Queen Mary of England did some fruitful rummaging through the royal attics recently. She found two paintings by Gainsborough that had been neglected for a long time, and other works of art. This may help out to counteract the severe drain on England's art treasures, which Englishmen have tamely permitted under the temptations of high prices offered by American and German plutocrats.

NOVEL TILLAGE MACHINE.

Motor Operated Apparatus That Plows, Harrows and Rolls.

A tillage machine which will perform the work of a plow, disk, harrow and roller, tilling the soil in the same manner as can be accomplished with a gardener's shovel and hoe, was recently described before the German Agricultural society at Berlin.

Three strong wheels with broad rims carry a covered platform, upon the front part of which is a forty-five horsepower gasoline engine making 500 revolutions per minute. The power is transmitted to the tilling mechanism by means of drive chains. This mechanism, which is attached to the machine by means of adjustable arms, consists of a cylinder provided with



TILLAGE MECHANISM.

disks. Two lateral sheet steel knives attached to each one of these disks comprise the "hoe." When lowered to the ground this mechanism will dig itself into the soil in a manner resembling the action of a paddle wheel in water, digging up clods and throwing them backward against a guard, where they are crushed, finally reaching the ground again shattered to small pieces or thoroughly pulverized.

The adjustment for deep or shallow tilling is simple, and it is claimed that the machine will work in all kinds and conditions of soil. It leaves the seed bed equally well tilled to its entire depth, with the density of the soil particles increasing from the pulverized top layer down, so as to make the passage from loose to firm soil gradual.

NONCORROSIVE STEEL.

Metal That Possesses Remarkable Rust Resisting Qualities.

A new quality of steel that resists both the corroding influence of smokeless powder and rust has been manufactured in England and put through a series of the most severe tests.

Five thousand cartridges containing 43.21 grains, troy, of smokeless powder were fired through a rifle barrel made of it without showing any effect whatever on the steel. During the intervals between the firing, which covered a period of fifty days, the barrel was kept uncleaned in a damp cellar for the purpose of testing its resistance to rust. At the conclusion of the tests there appeared to be nothing changed about the steel inside the barrel or in its texture.

In the course of internal pressure tests it was shown that the force required to burst the barrel was as high as fifty-one tons per square inch. The ultimate tensile strength of the steel was shown to be sixty-three and one-half tons per square inch and the elastic limit fifty-four tons per square inch. Under these conditions it would appear that the metal could be used with great success in the manufacture of pump shafts, valve spindles and seats, plug valves, check rings for valves and for a variety of other things where noncorrosive and rust proof qualities are desirable.

The Ruins of Yucatan.

Arthur Diosy, F. R. G. S., has recently completed a series of explorations in Yucatan which bring to light many new facts about the stupendous ruins which stretch through the country in a chain 300 miles long. The most amazing thing about these ruins, according to Mr. Diosy, is that the people who possessed such high architectural skill and the knowledge of rich and graceful decorative arts belonged to the stone age and had no knowledge of metals. These wonders in stone were carved with flint implements, and a civilization which has been compared to that of Egypt grew up without even the use of bronze and iron.

Pickled Telegraph Poles.

In Russia, particularly in the south-east, brine is very largely used for impregnating railway sleepers and telegraph poles. Though not so effective a preservative as creosote, brine is considerably cheaper. Special impregnating basins have been constructed in which the sleepers are placed in rows and allowed to remain in the brine from three to four months. The brine contains 164 grams of saline matter (136 grams of sodium chloride) per liter. The brine does not penetrate far into the wood, but the sleepers absorb from 70 to 100 per cent of their weight.

STUDY OF AIR CURRENTS.

Earth's Atmosphere Influenced by Moon's Attraction.

Until men began to navigate the air and study its currents and movements little attention was paid to the conditions of the upper atmosphere, and such matters as atmospheric tides and top currents completely encircling the earth were of seemingly little interest. Since men have flown, and especially since men have flown and fallen, we

All Is Not Cold That Shivers.

Cold, says Dr. Woods Hutchinson, writing in Good Housekeeping, has just about as much to do with winter diseases as thunder has with souring milk—which everybody used to believe. Its sole function is to drive people indoors, where the bugs and bacilli of our previous sore throats and snuffles which have followed us into shelter can get at 'em. They have taken root at once and make themselves even more thoroughly at home than we are.

Brave the cold by going freely out of doors and facing gladly the brisk, frosty air, and you can defy the pneumonia devil and all his works. Keep up the fires within and the frosts without won't hurt you. Open your windows and open your mouth and take all the gods will send you. A man's foes are literally they of his own household, the crops of bugs which he has carefully collected and protected under his sheltering roof, and food and fresh air are our best defences against them.

Once get clearly in mind that an unventilated, sunned room is as full of disease germs as a hen-house is of fleas, and you will begin to appreciate the importance of open windows and frequent excursions into the open air.

Why have we become possessed by such a horror of winter, such a vivid and abject dread of admitting its frosty air into our houses? Largely because until less than a century ago our means of defence and protection against the winter's cold were so pitifully feeble and inadequate. In the bad old days which we look back to so fondly and idiotically with regret and longing, houses were damp, drafty, badly built, badly ventilated, and not only badly heated but incapable of being made comfortably warm with any window open.

There is no hygienic merit or even potential virtue in goose-flesh, or cold feet or blue noses and chilly fingers. To be healthy the human animal must be warm, Dr. Hutchinson says, and comfortably warm at that, and the nearer the temperature surrounding our bodies can approach the sixty-five degrees the better off we shall be from every possible point of view.

Remember, all is not cold that shivers. As an evidence of how little actual connection mere cold or chilly air has with the causation of colds, pneumonia, and bronchitis, it is interesting to remember that our best modern treatment of all of these diseases is the free and unlimited exposure of the patient to every wind of heaven, out on a porch or roof-top. To turn emaciated old men and women, or tiny, gasping children, in the last stages of croupous pneumonia or capillary bronchitis right out into the cold January air with half a gale blowing, looks like sheer cruelty. And as many a physician could testify, nothing but the failure of all other means and the actual shadow and approach of death will induce them to resort to such heroic measures in the case of their own little ones. But the fact remains and becomes more overwhelmingly certified to by fresh experience every year, of the good results, or scored half that no other method has ever given one-fifth so many recoveries, as has the open-air treatment of pneumonia, even where the nurses and attendants are obliged to wear fur coats and heavy gloves while they attend to the sufferers.

Recovering of Irish Crown Jewels

Dublin, Dec. 12.—In spite of official denials there is a growing opinion that the crown jewels stolen from Dublin Castle in 1907 have been returned to the authorities, and that though not actually here they may be in the hands of the officials in London.

Both the Lord Lieutenant and the Ulster King of Arms have gone to London and their journey is believed to be connected with the recovery of the jewels.

The officials here, when questioned gave evasive replies, leading to the belief that the government is concealing something.

Missouri intends to join the States that have put a stop to elopements. It is proposed to ask the next Legislature to pass an act requiring persons who intend to marry to apply for their license a week before the date of the wedding.

A RICH, FRAGRANT TEA

"SALADA" is fresh from the gardens of Ceylon—the finest tea-producing country in the world. Sold only in sealed lead packets, which preserve its native purity and goodness.



Ask your grocer for a package to-day. You'll like it.

have heard a great deal in a vague way of air currents. Recently Lawrence Hodges in a paper before an English scientific body gave some unique facts about air tides which are not generally known.

The moon we know causes the marine tides by its attraction. It draws the water on the surface of the earth toward it in a hump on the side that is exposed to the lunar influence and draws the earth itself away from the water on the opposite side, leaving a corresponding hump of water. The air, it seems, is affected in the same way. The layer of atmosphere about the earth rises, falls and flows more freely than water because it is lighter, so the tide comes more quickly in the air at a given spot than the marine tide.

This rise and fall, however, means just as much to the navigator of the air as the tide in the sea does to the sailor and has to be accounted for. The most remarkable current, however, is one constant stream in the atmosphere running from west to east completely around the earth in the upper atmosphere. This was first brought to public attention when the volcano Krakatau blew a cubic mile of matter into the upper atmosphere in the eighties. The lighter particles were seen to make a complete circuit of the earth seven times in this circumglobular current before they finally disappeared.—Chicago Tribune.

Wonderful Memory of Animals.

The memory of animals running through generations is one of the astounding facts of science which it is most difficult to account for. Take any animal whose daily life entails a certain line of work and put him in an environment where neither he nor his children unto the one hundredth generation will be able to carry out this work, then bring the remote descendant into the original environment of his fathers and he will go about the duties of his kind as if he had been schooled in them. Recently it was found that some beavers were living in their villages near Avignon, on the Rhone. For at least 300 years they had had no trees to fell for their dams, so for thirty generations they had burrowed in the banks and built mud walls about their lodgings with their tails. A Polish count became interested in one of the colonies and removed a few of them to a forest grown estate. Immediately the beavers established themselves by a stream, cut their trees and built their villages as their fathers had not been able to do for three whole centuries.

Rare New Zealand Bird.

A final attempt is being made by the New Zealand government, says the London Mail, to obtain specimens of the hula, a bird which has been practically exterminated by the vogue for its feathers which obtains among the Maoris. The hula is a jet black bird with a white band in the extreme end of its tail feathers. The birds are hatched in pairs. The male has a short, strong neck and the female a long, slender, incurved beak. The male breaks the bark off dead trees, and the female then dips her beak into the holes of the big grubs which attack dead timber. She presents one grub to her spouse and then has one herself, alternating most conscientiously. The Maoris say that when one dies the other must necessarily die of starvation, because nature has so arranged that each is dependent on the other.

To Bend Metal Edgewise.

Like many other problems, that of bending metal edgewise is simple enough "if you know how." Take a block of metal and round it to the form you wish the metal strip to assume.



SCIENTIFIC AMERICAN, N.Y. BENDING A METAL STRIP. Get a grooved roller with the groove deep enough to receive the metal strip.

to about three-quarters of its width. Bolt or rivet this roller to a lever fulcrumed to the form block at the center from which the curved portion is struck. Hold one end of the strip to the form with a lug, as shown, and then with the device held firmly in the bench vice the lever may be operated to bend the strip about the form.

New Mexico's Coal Supply.

According to the estimate of M. R. Campbell of the United States geological survey the original coal supply of New Mexico was 168,780,000,000 tons, so that the exhaustion to the end of 1909 represents approximately 22 per cent of the original supply.

Deafness Cannot be Cured

by local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed, Deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by Catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars, free. F. J. CHENEY & CO., Toledo, O. Sold by Druggists, 75c. Take Hall's Family Pills for constipation.

Commissioner Lamb, of the Salvation Army, London, England, visits The Maritime Provinces in connection Immigration Matters

Commissioner Lamb, chief immigration officer of the Salvation Army, London, England, has just completed a tour in Canada. While on this side, he visited the Maritime Provinces and interviewed various Government Officials and also Major Jennings, Immigration Officer of the Salvation Army for the Maritime Provinces on Immigration matters.

Commissioner Lamb comes to this country every fall to get an idea of the demands for Farm Labourers and Domestic needed for the following Spring and Summer: this given him practically sure ground to work upon in deciding the number and class of settlers to send out.

Ensign Penfold of the Salvation Army Immigration Office, Halifax, who has a considerable knowledge of the conditions of the Maritime Provinces, is at present in the Old Country giving lectures of their advantage, also in interviewing suitable men and women with a view to getting them to settle in these provinces.

Application Forms for help, or any information needed regarding now settlers, will be gladly given by Major Jennings at 255, Prince William Street, St. John's N. B., or at box 462, Halifax, N. S.