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## Horse Plague Costs Kansas Six Millions

Sillia, Kan., Sept. 19.—Six million dollars will not cover the loss caused by the horse plague in Kansas during the last month, according to Dr. W. S. Schoenleber, head of the veterinary department and Dr. E. H. Webster, director of the experiment station of the Kansas Agricultural College.

They say in the western half of Kansas alone at least 20,000 horses died of cerebro-spinal meningitis. This, they say, has made a direct loss of \$2,000,000 in horses. The indirect loss, particularly in farm work, undone on account of the scarcity of horses, they estimate at twice that amount. They add that the disease is as virulent as ever.

## The Control of Floods

Flood control of the Mississippi Valley was declared to be an engineering project second only to the Panama Canal, by the Deep Waterways Commission held in Chicago. It was agreed that only through Government could control be secured, but that returns from waterpowers thus created and the sale of reclaimed lands would go far toward capitalizing the enterprise. The increasing volume of the annual floods was shown to be due not to any material increase in their original form of rain or snow, but to artificial conditions. In the northern States thousands of miles of tiling have been laid by farmers to drain swamps, low lands and small lakes, which enables the rapid escape of excessive water. Thus thousands of small harmless floods are dumped into the Mississippi to unite and descend in one overwhelming, disastrous avalanche of water.

It was shown that the remedy for this need not be the discontinuance of drainage of northern low lands, but the construction of enough reservoirs to hold and control the abnormal spring freshets near the source. Also that great good could be accomplished if northern State farmers would plow their land from 12 to 18 inches deep, instead of 5 or 6 inches as at present. This would give the soil an opportunity to absorb and retain a much larger quantity of moisture, amounting to as much as 40 to 50 tons

of water per acre, and which, it was claimed, would increase the value of crops throughout these States fully threefold.

One of the interesting developments of the convention, writes H. H. Winsor in the September Popular Mechanics Magazine, was the announcement that there are three possible routes for the diversion of excess water of the upper Mississippi by canals to Lake Michigan: First, from St. Paul to Green Bay, 250 miles; second, La-Crosse to Milwaukee, 185 miles; and third, Galena to Chicago, 152 miles.

The damage caused by the 1912 flood is estimated at \$200,000,000. Two such floods alone cost as much as the Panama Canal.

The subject is one which is bound to receive attention from now on, and will be considered at the meeting of Governors at Richmond, at which time a permanent board will be appointed to investigate and report.

weekly globe and Canadian Farmer

Client—"You have an item in your bill, 'Advice, January 8th, 6s. 8d.'" But that was the day before I retained you." Lawyer—"I know. But don't you remember on the 8th I told you you'd better let me take the case for you. Client—"Yes." Lawyer—"Well, that was advice."

A Mixed Nut Salad.—A delicious salad is made of various kinds of nuts. Take equal quantities of almonds, walnuts, brazil nuts, peanuts and pine kernels, chop and mix them; then pare some eating apples, and cut them into small cubes or slices; shred some celery, and mix the whole together, adding to it a generous allowance of mayonnaise dressing. A silver knife should be used in cutting both nuts and fruit.

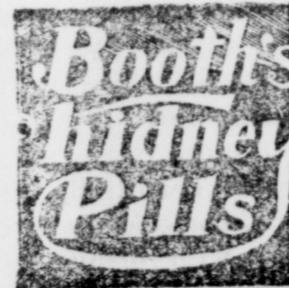
### THE SEPTEMBER ROD AND GUN.

Bonnycastle Dale's "Every Day Scene with the Indian Trapper" opens the September issue of Rod and Gun in Canada. The Adventurers of a German Hunter in America, being a translation from the German by Hon. William Renwick Riddell, L. H. D., etc. relates the experiences of Friedrich Gerstacker who visited America in 1837 and went bear hunting in the Ozark mountains. This is "some bear story." Duck Hunting is given considerable attention in this issue and includes Duck shooting on the river Scugog, at Long Point, on the St. Lawrence, in the Kootenay district and an amusing Western tale entitled "Hunting in Sage Brush Ike's Duck Pond." Decoy Shooting by Reginald Gourlay is deserving of special mention as is also a well illustrated article on Rearing Wild Ducks in Captivity. Mr. James Dickson a veteran sportsman makes some suggestions and criticisms regarding Mr. Kelley Evans' Fish and Game report. "Pens and Dens" is the subject of the Fox article in this issue.

## 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 Catwood of 123 S. Harold Street Fort William, Ont., says:

"I suffer red with dull in serable pains, soreness across my back and in my sides for months. They would catch me so badly at times that I could scarcely move around. I would have dizzy spells and altogether, felt generally run down. After using a number of remedies with out finding relief, I learned of Booth's Kidney Pills and found them an excellent remedy. They not only relieved me of the miserable pains and soreness in my back but cured me of my kidney trouble."



Booth's Kidney Pills cure Back ache, Dull Shooting, Pains, Thick and Cloudy Urine, Gravel or Stone, Rheumatism and all diseases of the kidneys and bladder.

All the provinces are likely to be presented at the hearing before the Supreme Court next month, of the Companies Incorporation Case. The federal government has filed its factum in which it raises the question as to the right of provinces to license or limit the operation of federally incorporated companies, and also questions the right of a provincial concern to do business beyond the territorial limits of the province. The outcome is very important to the provinces, whose revenues would be seriously affected if the validity of their incorporation were not upheld. Eminent counsel will argue the issue.

Par's has passed a municipal ordinance against the hatpin, and under it women wearing hatpins with the points unprotected are forbidden admission to street cars and places of amusement. It remains to be seen if the ordinance will be enforced and if the women will submit to the mandate. It may be mentioned here that a New York man was arrested and fined for complaining to a young woman seated beside him in the street car that the end of the point on her hat plume was entering his eye. Possibly he was too forceful in his expostulation, but at any rate the judge ruled that he should pay a fine, remarking that if he was annoyed by the plume he had the privilege of changing his seat.

## USES OF GRAPHITE.

Mineral Extensively Employed in Various Industries.

Up to a few years ago every American pencil manufacturer had to import his graphite from Bohemia or Bavaria. About ten years ago a large deposit of amorphous graphite was discovered in Sonora, Mexico. This proved of excellent quality for pencil making and many other purposes, and the American pencil trade now derives its supply mainly from this source. Some is also exported to European pencil manufacturers.

Graphite is also used extensively in paints for ironwork—to prevent rust—for coating foundry facings, in making electrodes, stove polishing pastes, in electrotyping, as a lubricant and as a filler for dry batteries. An impure and cheap graphite mined in Georgia is used as an adulterant in fertilizers, to which it imparts a dark and greasy feel, but a still more unusual application has been its use to color and glaze both tea leaves and coffee beans, the pure graphite being a harmless material which protects these articles against moisture and adds to their attractive appearance.

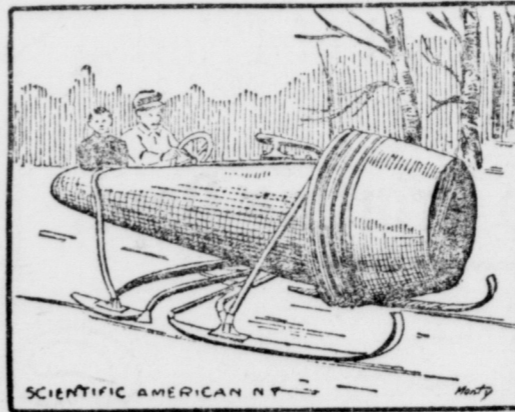
The fact that graphite is nearly pure carbon, is relatively inert chemically and volatilizes only at high temperatures makes it of exceptional value in the manufacture of crucibles for the steel, brass and bronze industries, etc. Most of the graphite used in the United States for these purposes is imported from Ceylon, the fibrous structure of the Ceylon product, not developed to a like degree in graphite from any other locality known, being of especial value in this utilization, since with clay it forms a stiffer mix than other varieties of graphite. Muffles, stirring rods and other refractory products are made from material similar to that used in crucibles. The experiments which have thus far been made in the use of American crystalline graphite for refractory products have not yielded results equal to those obtained with the Ceylon graphite. The poorer the binding quality of graphite used in crucibles the greater the quantity of other binding material which must be added to hold the mass together, thus increasing the more readily fusible constituents of the crucible at the expense of the more refractory and materially decreasing its life. The so called amorphous types of graphite have not yet been successfully used in the manufacture of refractory products.—Consular Report.

## NOVEL MOTOR SLEIGH.

Air Propelled Machine Capable of Great Speed.

The motor sleigh shown in the accompanying illustration is constructed on altogether original lines. In appearance it resembles somewhat the hull of a fast hydroplane boat. It consists of a semitorpedo shaped body mounted upon two pairs of runners and carrying in front a multiple bladed air propeller or fan inclosed in a conical housing.

The inclosing of an air propeller in this way is a fallacy, as instead of in-



SIDE VIEW OF MOTOR SLEIGH.

creasing the efficiency of the propeller it diminishes this perceptibly. In like manner the use of a large number of blades in a propeller is not nearly so good as the use of but two. Therefore, while the housed propeller used on this Russian motor sleigh looks well to the uninitiated, it cannot give the results that an open two bladed propeller rigged above the machine would give.

For this reason a powerful four cylinder, water cooled motor of forty horsepower or more is used, whereas an air cooled motor of half this power ought to suffice. The machine is claimed to have a speed of forty-five miles an hour. The small runners at the rear are connected together and arranged so they can be turned about a pivot at the center of the connecting rod by means of the steering wheel. The other rods that run up upon either side and are held by the second man enable him to assist in steering. The cross rod with a flat spade-like end (seen in front of the rear runners) is used as a brake. When not in operation it can be turned up out of the way.

### Sure Thing.

Gabe—Why would not women make good ampires? Steve—And why would they? Gabe—They always have the last word, don't they?—Cincinnati Enquirer.

Men are so constituted that everybody undertakes what he sees another successful in, whether he has aptitude for it or not.—Goethe.

## "Satisfaction Guaranteed"

Is The Rule of This Studio in Every Case.

THAT MEANS that you need not accept work from us that fails to please you. In fact we would much prefer that you did not, for we consider the satisfied patron our very best form of advertising and we are in business to stay.

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We Can Please You  
Give us a trial

# Wilson's Photo Studio.

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OUR SPECIALTY.

"Consider the postage stamps say's Josh Billings, it makes its Mark by sticking to one thing till it arrives. So do we. Our sole Business is the Manufacturing and importing of the latest fashionable Hair Goods at lowest possible prices. We carry all the latest novelties in Fancy Bands, Nets, Barettes, Combs, Etc. Give us a trial order to prove the satisfaction we can give you.

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## Bees 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, lillowness 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.

## Steamship Olympic To Be Strengthened

London, Sept. 21.—The White Star Line has re-called future sailings of the steamer Olympic, says the correspondent of the Chronicle at Southampton. He adds that on the return of the Olympic from New York, early in October, she will be sent to Belfast, where she will be fitted with an inner skin and additional bulkheads. This work, it is said, will occupy six months.

Sir Edgar Speyer, presiding Thursday at London at a meeting of the underground electric railways, said 900,000,000 passengers had been carried without a single fatality since the opening of the tube and the electrification of the district railway.

## FROM THE TROPICS



Cedron Seed Plant.

In Central America many natives are gathering the seeds of this plant, Cedron Seed, a rare medicine that has valuable curative powers. But few drug stores carry this seed, owing to the high cost of the article.

This country is a large consumer of this costly seed because it enters into the famous catarrh remedy, Peruna, sold the world over.