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POULTRY WORLD HALL OF FAME

A short time ago the death of White Wyandotte hen No. B-162 occurred. Since this hen has had so much to do with the present high production in our strain of White Wyandottes now kept at this Station, her name deserves a place in the hall of fame of the poultry world, and her achievement told in story.

No. B-162 was hatched May 1st, 1917, and laid her first egg October 30th, 1917, being 182 days old. Her total record was: 1st year 257 eggs, 2nd year 153 eggs, 3rd year 107 eggs, 4th year 4 eggs, making a total of 521 eggs. Of these 86 were laid in the winter of the second, 32 during the winter of the first year, 34 during



SPIDER WEBS.

One of the Greatest Wonders of Nature.

No one who has spent much time in the country can have failed to observe and admire the beautiful webs of the little garden spider. These webs, circular in outline, with radiating threads running from centre to circumference and supporting a system of concentric lines, are regarded by naturalists as the highest architectural achievements of spiders.

The maker of the web sits at its centre, where the slightest vibration caused by the struggles of an entangled victim is instantly felt. The threads are so fine as to be almost invisible in some lights, and at the same time so strong that no insect not too powerful for the spider to overcome is able to break them.

The great ingenuity and perfection of these geometrical webs naturally give rise to the question, how did the spider learn the art of making them? The naturalist is not satisfied with the reply that it is a matter of instinct. He finds that there are wide differences among the webs of different spiders, and his observations lead him to think that he can discern distinct progress in the art of web-making among spiders.

The common house spider spins a web quite different from that of the garden spider. The house spider's web consists of a silken tube hidden in a dark corner, with an irregular sheet of closely woven meshes spread before it. The tube is the spider's lurking hole and place of refuge; the outspread web is its snare.

The wolf spider makes a tubular hole with a hinged door for a refuge, and spreads no snare. Still another species of spider constructs a far simpler tube of silk without any lid or door.

Now, according to the view of more than one authority, these different kinds of webs or nests represent so many stages of development. It is thought that at the beginning the only kind of web that any spider knew how to spin was a simple cocoon intended to protect its eggs.

Then a web for the protection of the spider itself from its enemies was woven around the cocoon. This web had an opening for ingress and egress, and such webs, intended for use only during the time that the eggs are hatching, are still spun by some species of spiders.

The next step was the development of a snare. It has been suggested that this may have resulted from the accidental spinning of threads over and around the opening of a tubular retreat surrounding a cocoon. This was further developed in the outspread net of the house spider, and it reached its highest form when the garden spider learned to construct its beautiful radiated web.

One may trace in all this some resemblance to the progress of architecture among men. The earliest representatives of the human race were content to dwell in caves and rudely constructed huts. And to-day there are savage tribes which have not advanced much further in this respect.

Then more elaborate dwelling places, and buildings intended for other purposes, were constructed until, by successive steps, we have arrived at the temples, palaces and houses of civilized life.

Country Without Police.

The only country in the world that has not a single representative of the law is Greenland. Here dwell twenty-two thousand Eskimos and two hundred and forty Danes in settlements scattered along the coast.

Eskimos manage their own affairs. Any grievance they may have is settled by the head man of the tribe. There has been no serious crime in the country for the past hundred years.

The Danish Government allows no one to land there without permission, which is only granted to bona fide explorers and scientists. The sole object of this exclusion is to prevent liquor and disease reaching the Eskimos.

All Eskimos are Christians, and in the larger settlements there are even churches, with steeples, organs, and oil-paintings. Here you will find Eskimo ministers and physicians, as well as native newspapers, and an illustrated journal produced entirely by Eskimo labor.

During the short summer vegetables and various kinds of fruits are grown, and even strawberries, under glass. The coastal areas are a blaze of color from the wild flowers that abound. Then comes winter, when the whole of Greenland is cut off from the world and buried in snow and ice.

Iron From Rust.

It is oxide of iron that gives to your blood its brilliant red color. If blood contained no iron, all men and women would look like walking corpses.

Nowhere in nature is iron found in a "native" or pure state. It occurs only in the form of oxides—that is to say, as iron rust. Man's greatest triumph was achieved when he discovered how to "undo" iron rust and get the iron out of it. But for that, our civilization to-day would be no further advanced than that of ancient Egypt or Assyria.

Edwin E. Slosson, in his remarkable new book, "Creative Chemistry," says that every year the blast furnaces of the world release 72,000,000 tons of iron from its oxides; and every year one-fourth of that quantity reverts to rust. Should man cease his efforts in this direction for a generation, there would be little left to show that he had ever learned to extract iron from its ores.

A Royal Standard.

An apron is the Persian Royal Standard. A Persian who was a blacksmith by trade raised a successful revolt, and his leather apron, covered with jewels, is still borne in the van of Persian armies.

ALLIANCE BETWEEN FRANCE AND GREAT BRITAIN

Cannes, Jan. 4.—With the air full of talk of an alliance between France and Great Britain as the only means of keeping the Entente intact, Premier Briand and Prime Minister Lloyd George today resumed their conversations which were begun some days ago in London.

"The conversations are continuing," was the only comment the French Premier would make after a two hours' talk with Mr. Lloyd George this afternoon.

General reference is being observed by the principals of the British delegation on the eve of the opening of the Allies Supreme Council meeting regarding such an alliance.

Premier Briand said before going to the British Prime Minister's villa this afternoon that it might be putting it rather strongly to talk of a formal alliance. Yet, he said, the policy of France all along has been to strengthen her ties with her war allies, since this seemed essential to a settlement of European problems.

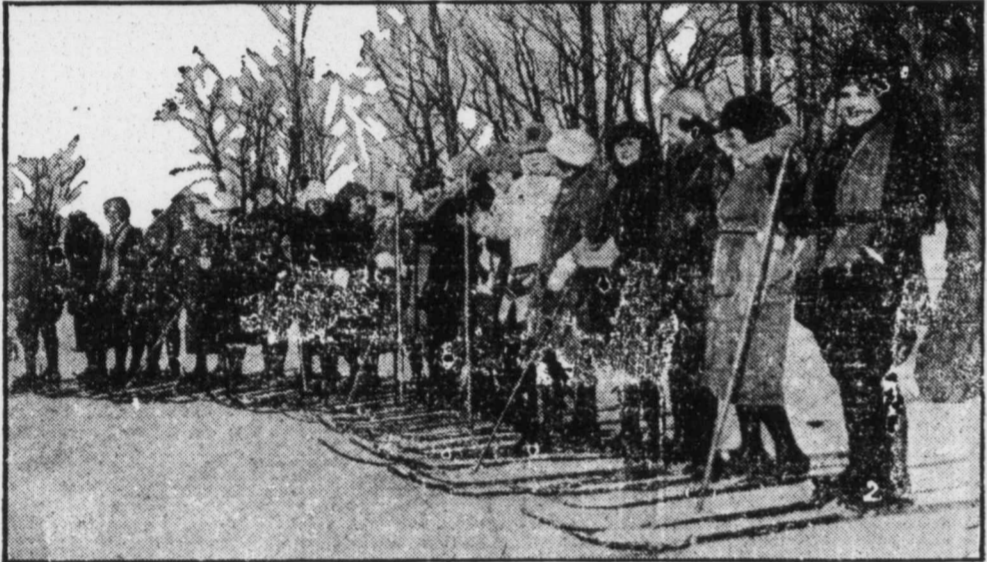
Members of both the French and British delegations are agreed that the situation is grave and that the Entente powers must come closer together or they will drift more widely apart. The difference of opinion appears to centre around the question of who ought to make the concessions necessary to bring about closer accord. The atmosphere throughout the day was generally pessimistic.

Premier Bonomi, of Italy arrived on the scene late this afternoon and he expected to see Premier Briand and Lloyd George during the coming day.

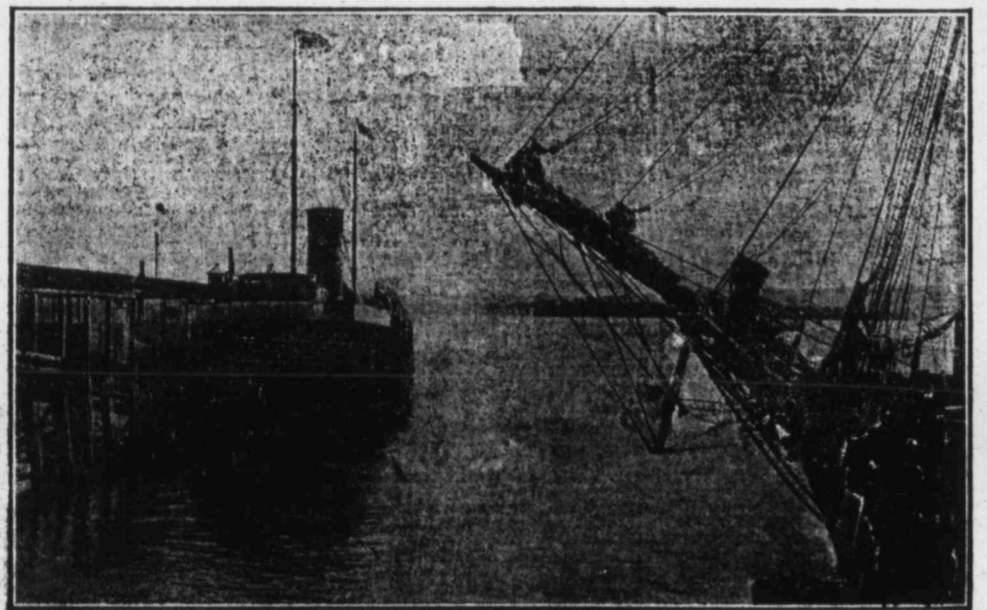
Dominion Lands Will be Reserved For Homesteads

Moosejaw, Sask. Jan 4.—All Dominion lands south of the main line of the Canadian Pacific Railway in Saskatchewan and Alberta have been reserved for homestead or soldier grant entry sale or grazing lease, pending the settlement of the land settlement policy of the Government. Notification to this effect has been received at the local branch of the Dominion Land Office from the Dominion Land Office from the Department of the Interior at Ottawa.

ENJOYING SPORTS AT QUEBEC



(1) Tilting Tournament on Dufferin Terrace, Quebec, (2) A group of fair skiers at Quebec,



The C.P.R. steamer "Empress" at the wharf at Digby, Nova Scotia.

HON. W. S. FIELDING IS ACTING PREMIER
Ottawa, Jan. 4.—It is unlikely that Premier King will return to Ottawa for another week. No definite information as to the date of his return is obtainable at the present time, but it is stated that he will probably be out of town for that length of time. The date of his return will no doubt be determined by the condition of his brother.
Hon. W. S. Fielding is carrying on as acting premier in the absence of Mr. King.

CASTORIA

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In Use For Over 30 Years
Always bears the signature of Dr. J. C. Watson



Nervous Breakdown

The extreme depression and discouragement which comes over one at times is the most alarming symptom of nervous exhaustion. This letter is a message of hope to all who find themselves in this unfortunate condition.

Mrs. Geo. T. Tingley, Albert, N.B., writes:—

"For years I was in a very nervous, run-down condition, was much depressed in spirits and suffered a great deal at times. The least noise would irritate me and at times I felt as though I certainly would go crazy. I consulted different doctors to no effect.

"A friend advised the use of Dr. Chase's Nerve Food and I can truly testify today to the great benefits received. There was a marked change before I had finished the second box and when I had used a dozen boxes my nerves were thoroughly restored and I was entirely relieved of those terrible feelings I used to have. I shall ever be ready to testify to the benefits of this wonderful medicine, feeling sure that it will give to others the quick and permanent relief it has given me."

Dr. Chase's Nerve Food, 50c. a box, all dealers, or Edmanston, Bates & Co., Ltd., Toronto.