

LIFE OF A BOOK FROM START TO FINISH

What a Printer's Warehouseman Has to Know—Warehouse is an Indispensable Part in Printing

The warehouse in a printing establishment is the place where the finishing touches are given to the printer's work, and is not merely a packing and despatching department.

Making the Book

In dealing with book work, the printer's warehouseman has to bring various kinds of ingenious machinery into play to aid him in his work, such as folding, rolling, and stitching machines.

It is very interesting to watch the work of a folding machine as it snaps in the sheets with a jerk, and then delivers them, rapidly folded, and packs them one after the other into a slide tray.

The Work of a Day

If they require to be stitched, the papers will have to be passed through the wire stitchers, and then be gathered again to be placed in the cutting machines and their edges trimmed up.

HOW DO THEY KNOW?

The birds know when old King Winter is about to relax his grip on the country. They also know when the summer is on the wane and it is time to fly off to the sunny South.

CLEAN MILK METHODS

- Brush the cow's udder and wipe with a dry cloth; use clean water and dry with a clean towel.
Milkers should wash their hands with soap and water and dry with clean towel.
Whitewash the cow stable at least once yearly.
Feed no dusty feed until after milking.
Remove all manure from cow stable twice daily.
Keep barnyard clean and have manure pile at least 100 feet from the stable.
Have abundant windows in cow stable to permit sunlight to reach the floor.
Arrange a proper system of ventilation for the cow stable. King system is suggested.
Do not use milk from any cows suspected of garget or any udder inflammation. Such milk contains enormous numbers of bacteria.
Use abundance of ice in water used for cooling milk.

BRIQUETTING LIGNITE

Prairie Provinces Might Adopt New Method and Save Money

Manitoba, Saskatchewan and Alberta contain many millions of tons of sub-bituminous coal and lignite but the comparatively low heating value of this coal and the fact that it disintegrates rapidly when exposed to the air prevent its economical transportation for any considerable distance.

In a plant in Denver, Colorado, with a capacity of 500 tons of lignite per day, lignite is distilled, the by-products are saved and the residue is manufactured into briquettes.

Curious Simcoores

It will be interesting to know if an all-round reduction of Government salaries takes place, whether the

When Motor Misses

If motor persists in missing when only a light load is being carried, before resorting to adjustments of the carburetor try making spark gap a little wider, presuming, of course, that the magneto is being used.

Why Fowls Need So Much Air

Fowls are obliged to throw off much of the waste of the body through the lungs, they do not sweat in the sense that do other animals, but instead breathe several times faster than sweating animals when heated.

There is almost as much difference between different families or strains of each breed, as between the different breeds of fowls. Therefore, receive with some allowance the praise or condemnation of any breed.

To decrease the number of accidents a French city is building a street with a separate roadway for each kind of traffic, motor, horse and foot.

Solidified alcohol in the cube form is coming into use in Germany for cooking and other purposes for which small amounts of heat are sufficient.

A cooking utensil on the double boiler principle has been patented in which the inner and outer sections are permanently attached together.

An Englishman has invented combs to be sewed to women's hats to hold them in place without the use of pins.

TREE THAT OWNS ITSELF

Love of Tree Causes Extraordinary Request

At Athens, Georgia, there is a giant white oak tree which no one may buy or sell or cut down; nobody owns the land in which this tree stands. The tree owns itself. It stands on top of one of the hills of the city, and is said to be between 400 and 500 years old.

Eastern Nations' Discovery The Eastern nations, which are far more pestered with flies than we are, have discovered how much flies dislike blue. The Arabs treat their houses with a kind of light blue wash, and the Japanese hang curtains of blue glass beads and bamboo at the entrance of their baker and butcher shops.

Grand Total of C.P.R. The Canadian Pacific Railway has a grand total of 1,500 miles of double track. Ontario district has a double-tracked mileage of 105. Manitoba district is laid with no less than 643 miles of double tracks. British Columbia district is equipped with 143.90 miles. Alberta district has 12 miles and Saskatchewan district has 210 miles of double track.

The First Letter Box The first letter box seems to have been installed in Paris, as a useful part of the first penny post established in any country. But, strangely enough, the people of Paris did not like the boxes for their letters, and the system was for some years given up.

WHERE JUNE 21 IS NOON OF THE YEAR

Sounds Strange, But is True - Poles Novel Facts About Night and Day

We are not to refer to a day or a day and a night to indicate a specific period of time without realizing that these terms have a different meaning in different parts of the world. Not everywhere and always does the natural day include 24 hours if measured from sunrise to sunrise.

The fact is that a day is not a fixed number of hours, but the length of day during which the light of the sun illumines any part of the earth. In some parts of Norway the day lasts from May 21 to July 22 without interruption. In Spitzbergen the longest day is three and one-half months and the shortest two and a half of actual light.

The beginning of the day is not a question of universal agreement. It has been arbitrarily decided by different peoples from time to time. The ancient Jews fixed the beginning of his day at sunrise; with the Umbrians it began at noon, and the Egyptians and Romans fixed the time at midnight, a custom adopted by Canada, the United States, and most of the European countries.

It is a matter of common knowledge that the longest day of the year is June 21 and the shortest December 21 (sometimes the 22nd). This latter is the time when the sun is farthest south on its annual slant over the tropic of Capricorn, making the maximum declination to the axis of the earth. All over the world this date marks a turning point in duration of the day although in every case it is not the shortest day. In places south of the equator they are enjoying the longest day. At the South Pole on this date it is high noon of the six-months day, and at the North Pole it is midnight of the "great night."

RAIN COMES THE LAST

Why the Rain Follows the Thunder and Lightning

Why does a heavy downpour of rain often follow a clap of thunder? Not as is popularly believed, because the thunder jostles the cloud particles together into raindrops. In the violent summoff between the positive and negative electricity in a thundercloud there will be places where the production of drops, by condensation, and their subsequent breaking up proceeds more rapidly than elsewhere. Hence in these places there will be more drops to fall as rain, and also more electrification, the rainfall occurring about the same time as the flash. We have, then, starting toward the earth at the same time, light, sound, and raindrops. The light, travelling at a speed of about 185,000 miles per second, reaches us almost instantly. The sound travels far more slowly—about 1,100 feet per second—but the rain falls much slower still. Thus we observe, first, the lightning, then the thunder, and then rain.

Potatoes For Rotation One great advantage in growing potatoes is that the crop fits in admirably with the regular farm rotation. For a three-year rotation, says Harry Broughton of Sarnia, Ontario, "you can have potatoes, fall wheat, clover and then potatoes again. A potato crop leaves the land in excellent condition for fall wheat. My brother, who lives near Whitby, had sixty-four bushels of fall wheat to the acre following potatoes. In a four-year rotation potatoes will work in as well; potatoes, fall wheat, oats or barley and then clover."

On any well regulated dairy farm the milking of the cows at a stated period is never neglected. Don't neglect the source of income.

HOW TO TRIM A LAMP

Good oil can be made to burn badly and poor oil can be made to burn well. The following are some rules for getting good service out of the lamp: The wick, to begin with, should hang straight down in the oil. Then the oil will pass more freely to the flame, and a better light will be obtained. The wick should be cut with a sharp edge as possible. If it has a broad burning surface at the top the flame will be yellow instead of white. The chimney should be tight to the brass burner, so as not to let air in where air is not wanted. The holes at the bottom of the burner should be left open, so as to let plenty of air in where air is wanted. The wick should not be turned so high that it will char or smoke. An old chimney lets a better light through than a new one, and a shallow bowl lamp is better for poor grades of oil than a deep bowl lamp.

Mrs. Emery Wolf

Westwood, Cal., Independent,

The ruthless hand of death, guided by the mysterious fate that rules the destinies of men, some times striking swiftly and without warning, again silently hovering over its victim as if to watch the struggle for life, has taken from our midst one of Westwood's most esteemed young women, Mrs Emery Wolf, who passed away Sunday afternoon, shortly after 1 o'clock, August 19, at the age of 24 years.

Ennis Perkins was born in Centerville, Carleton county, N. B., August 9, 1893, where she lived until three years ago, coming with her sister Mrs T G Thompson to Westwood, August 24th, 1914. Always of a generous nature and lovable disposition, she soon gained the friendship of all who knew her.

She was married to Emery Wolf, elder son of Mr and Mrs George Woik of Westwood on March 10th of this year at San Jose. Shortly after their return from an extended trip Mrs Wolf was taken ill, presumably from the effects from a hard cold contracted during the holiday season, and grew steadily worse in spite of all that could be done. Conscious for several weeks that death was near, she patiently and uncomplainingly endured her suffering, facing the end with calm resignation. Mr Shedric A Perkins, father of Mrs Wolf, arrived two weeks ago from New Brunswick to be with his daughter in her last illness.

Only a few days ago at a luncheon arranged at her request for a number of friends, she cheerfully greeted all, seemingly forgetful of her serious condition. From that time she sank very rapidly.

Notice to Contractors

Tenders will be received at the office of the Town Clerk, Woodstock, N. B., until two o'clock August 28th, 1917, for the following improvements to the Water System.

Mechanical Gravity Filter Plan.

Additions and alterations to Pumping Station, New Boiler, Steam Turbine driven centrifugal pumps gasoline engine driven centrifugal pump, and sundry necessary appurtenances.

Plans and specification can be obtained from J. C. Hartley, Town Clerk, Woodstock, N. B., or R. S. and W. S. Lea, 809 New Birks Bldg., Montreal, or A. K. Grimmer St. Andrews, N. B.

The Town of Woodstock reserves the right to reject any or all should they deem it in their own interest to do so, and the lowest or any tender will not necessarily be accepted.

(Sgd) J. C. Hartley, Town Clerk, Aug. 10th 1917, Woodstock, N. B.



After a short prayer service, conducted by Rev R G Green, on Tuesday morning, the remains were taken to New Brunswick, accompanied by her father and Mr and Mrs T G Thompson. The funeral will take place at Centerville, N. B., next Tuesday afternoon, services to be held at the Episcopal church. The entire community extends sympathy to the bereaved husband and family.

The civilian population of Trieste, Austria, toward which the Italian troops are advancing in their great drive against the Austrians, is evacuating the city, by order of the Austrian military authorities. It was stated that it was not a military evacuation.

The Military Service bill was signed by the governor-general, at Toronto, Tuesday afternoon.

REPRESENTATIVE WANTED

at once for WOODSTOCK and District for

CANADA'S GREATEST NURSERIES

Spring 1917 list now ready Splendid list of hardy fruit and Ornamental Stock suitable for the Maritime Provinces, including, MINTOSH RED APPLE St. Regis Everbearing Raspberry and many other leaders

New illustrated Catalogue sent on application Starting at best selling time liberal Proposition.

STONE AND WELLINGTON The Ponthill Nurseries. (Established 1837)

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For Sale

FOR SALE, a piano as good as new. Has been in use only a few years. Apply to Mrs. E. W. Williams Maple Shade Farm River Road