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Give The
Home
Print Shop
First
Chance

Typewriter Ribbons

THE
SENTINEL

85 Per Cent of
Business Failures
Are Firms Who
Do Not Advertise.
(Babson's Statistics.)

Some of the Things You'll Find at the Home Print Shop

Account Files
Adding Machine Paper
Advertising Blotters
Announcements
Auction Bills
Badges, Ribbons
Bank Forms
Banquet Folders
Bereavement Cards
Bill and Charge Statements
Bill Heads
Bills of Fare
Birth announcements
Blank Books
Blotters
Books and Booklets
Box Files
Business Announcements
Business Cards
Business Stationery
Calendars
Calling Cards
Carbon Paper
Catalogs
Christmas Cards
Check Protectors
Circulars
Checks and Drafts
Clip Boards
Columnar Forms
Commercial Stationery
Concert Programs
Correspondence Stationery
Coupon Books
Dance Programs
Dance Tickets
Deposit Slips
Desk Pens
Desks
Directories
Dodgers
Draft Notices
Duplicate Blanks
Duplicating Supplies
Envelopes
Files of Every Kind
Filing Cards
Folders, Letter and Cap
Gummed Labels
Hand Bills
Hotel Note Heads
Income Tax Records
Index Cards
Inks, Pens, Pencils
Invitations
Invoices
Invoice Files
Leather Tabs
Ledger Leaves
Legal Blanks
Letter Heads
Letter Files
Library Paste
Linen Tags
Loose Leaf Devices
Loose Leaf Note Books
Loose Leaf Recipe Books
Manuscript Covers
Meal Tickets
Memo Books
Menus
Mimeograph Supplies
Monthly Account Sheets
Notes, Promissory
Notices, Collection
Office Equipment
Order Blanks
Pamphlets
Paper Clips
Paste
Pins
Placards
Prescription Blanks
Price Books
Punching Machines
Receipts
Reception Cards
Remittance Cards
Rubber Bands
Rubber Stamps
Ruled Stationery
Scales
Postage
Show Cards
Stamp Pads
Stapling Machines
Salesbooks
Statements
Stencils
Second Sheets
Store Counter Pads
Store Sale Bills
Tag Envelopes
Thumb Tacks
Tickets
Typewriters
Typewriter Supplies
Ungrammared Labels
Upright Files
Warrants
Waste Paper Baskets
Wedding Invitations
Window Cards
Wrapping Cord

New Soy Bean Tops Others in Tests

Scioto Variety Is in Hands
of Buckeye Seedsmen
for Increase.

A new variety of soy beans, Scioto, developed from a single plant over a period of 12 years, is now in the hands of Ohio seedsmen for reproduction in quantities for farm use.

Scioto appears to be the best variety now available for seed production and also for hay.

The new variety was developed by Dr. H. L. Borst, formerly a research agronomist for the university and the Ohio agricultural experiment station.

The variety made the highest average yield of seed of all varieties tested at Columbus over a period of nine years. In the four years tested at Wooster it led all others. In both places, however, large yields were secured by other varieties in some seasons.

A progeny of a single plant selected from Manchou, the Scioto resembles that variety in appearance. The seed is yellow, with a black hilum, but is slightly smaller than most strains of Manchou. The pods turn brown when ripe. Flowers are purple. Plants grow taller and mature five days later than Manchou No. 1, but are distinctly earlier maturing than Wilson.

Because of its high seed yielding ability it promises well as a seed crop. Being a yellow bean, any surplus of seed will find a ready market through the oil mills.

High Phosphorus for Potatoes, Profitable

That potatoes respond profitably to higher amounts of phosphorus than are found in the formula usually offered to potato growers has been abundantly proved here in New Hampshire by experiment and demonstration, writes a correspondent in the Farm Journal.

In one experiment where potatoes have been grown in a three-year rotation, an application of one ton of a 4-8-7 fertilizer supplemented with a half-ton of 16 per cent superphosphate has produced an average increase of 43 bushels of potatoes per acre, as compared with 4-8-7 alone. Based on the average cost of superphosphate, this increase in potatoes has been produced for about 20 cents a bushel.

Since these results have been carried out to demonstration areas and almost without exception, where checking has been carefully done, the results have indicated a nice increase for extra phosphorus on the potato crop.

The rather long rotation system practiced in the northeastern section of the country, outside of Aroostook county, Maine, appears to be unfavorable to maintaining a supply of actively decaying organic matter in the soil, hence the native stocks of plant food are relatively unavailing. Acidity of potato soil must be quite high and this in turn means low availability of phosphorus.

Legume Hay Helps Hogs

Winter feeding of legume hay is one of the best means of keeping pigs thrifty, says F. B. Morrison of the New York State College of Agriculture. Professor Morrison points out that well-cured legume hay has many of the qualities of good pasture, such as high protein, mineral and vitamin content. For growing pigs he recommends the following mixture: 50 pounds tankage or meat meal, 25 pounds chopped or ground legume hay and 25 pounds linseed meal.

Deep Furrows

One-third of the farms in the United States grow cotton.

The 1933 bean crop in California was valued at \$12,000,000,000.

The New York State College of Agriculture now has more agricultural students than any other institution in the country.

The Netherlands in normal years uses more artificial plant food per acre of crop and improved pasture and hay land than any other country.

World wool production outside of Russia and China has exceeded 8,200,000,000 pounds annually since 1928, according to the United States Department of Agriculture.

The last census figures showed 794,946 acres in alfalfa in California and that this area produced over 2,750,000 tons of hay, the farm value of which is approximately \$850,000,000.

Cows reach maturity at about five years of age and their best production at seven years, yet, on the average, most cows are eliminated from New York state herds when 6.7 years old.

Experiments have shown that soybeans in the ration increase the amount of butterfat in milk. The increases, amounting to from 3 to 4 per cent, occurred within 12 to 48 hours after feeding.

X-rays Make Plants Grow

X-ray can cause plants to grow faster, blossom earlier, form more chlorophyll, and in general speed up their life processes. But if they get too much of a dose of the rays, they become crippled. This, in brief summary, is what Prof. Charles A. Shull of the University of Chicago found in experiments.

Arkansas' Variety of Metals
Discovery of cinnabar just about gave Arkansas a complete assortment of metals, minerals and precious stones. Even diamonds have been mined in the state and just about every kind of metal known has been mined in the Ozark and Ouachita mountains.

Beagle Hound Has Nerve to Battle Any Wildcat

The beagle hound has had a rough row to hoe. He started as the offspring of a little, low and a big, tall dog, and the result was not very pretty to look at, observes a writer in the Detroit News. Out of this beginning came the beagle with straight legs, symmetrical body, kindly eyes, a record for friendliness unbroken by years of hard work, and a disposition that will in the years to come make him the sweetheart of every country where working dogs are used.

A beagle's main occupation in life is hunting rabbits. He has nerve enough to tackle a wildcat, and is extensively used for that purpose in California. The beagle can master any trick that any other breed can be taught to perform, his physical capabilities considered. He will sleep in bed with the youngsters, or out in the snow, uncomplainingly. He will watch a home with the certainty of an unfailing burglar alarm.

When mealtime comes he'll take what's offered him and like it. He'll go into a battle that he's sure to lose and come out cut and bruised, but without a whimper.

The beagle will work from morning till night without food and dead game undamaged at your feet. In America the beagle is 15 inches or under in height. In England he may grow to 16 inches without losing caste. In both countries, in districts where hunting is carried on, he is almost all the dogs wrapped up in one package. In short, he performs all the functions of a dutiful lapdog without losing any of his many accomplishments as an ambitious and expert field animal.

Mound Builders Furnish One of Greatest Puzzles

A long sought but never found link between the celebrated mound-building Indians of the Ohio valley and another race of mound builders who lived in what is now the state of Louisiana, is in possession of the Smithsonian Institution. It is an almost intact clay pot, uncovered in the construction of a city park in Marksville, La. One side of the clay relic has a design typical of the southern mound builders. The reverse side has a design associated with the culture of the mound builders of the Ohio valley.

The mound builders were a race of people which preceded the nomad-type Indians which the first white man found on this continent. It has long been impossible to establish a link between them and the known Indian tribes. When they first came to America, or when and how they became extinct is still a mystery.

For the century between 1772 and 1872 the mound builders provoked one of the greatest controversies in American science. The elaborate "fortifications" of mounds at what is now Marietta, Ohio, were believed by many to be the remains of a race skilled in the arts of warfare in European fashion and possessed of great military knowledge.

Hawaii's Population

Discovering Hawaii in 1778, Captain Cook took a long guess and placed the population at 400,000. In 1823 American missionaries estimated there were 142,000 inhabitants. The first census in 1832 showed the population to be 130,313. By 1878 the number of natives had dwindled to 40,088. In 1910, the total was 28,041 and by 1925 it had dropped to just above the 20,000 mark. Against the day when pure native blood will no longer run in the islands, Hawaii is preserving a living record of its ancient culture and customs. A Lanai village has been built in the heart of the Waikiki district where from time to time native Hawaiians go through the ceremonials of their ancestors.

Inoculation for Smallpox

Inoculation for smallpox was first practiced in China during the Sung dynasty. During the reign of Jen Tseng, 1023-1062, A. D., the prime minister, Wang Tan, whose son was suffering severely from smallpox, was informed of the successful preventive inoculation discovered by a philosopher living at O Mei mountains, at Szechuen. He told the minister that the child was a fit subject for inoculation and it was done the next morning. The seventh day the fever disappeared and on the twelfth day the pustules dried up. As smallpox was brought to China by the Huns, and as the O Mei mountains are on the border of India, it is suggested that this method came via the trade routes from India.

Sailors' Snug Harbor

Capt. Robert Richard Randall established Sailors' Snug Harbor for worn-out sailors. It was opened August 1, 1833, and today is one of the richest foundations in the United States. Its holdings are said to be valued at more than \$30,000,000. An applicant for admission to Sailors' Snug Harbor must be an aged, decrepit and worn-out seafaring man, presenting with his application satisfactory proofs of service on seagoing vessels sailing under the United States flag and letters of recommendation as to his good character. The only home of similar character in the United States is the Sailors' home, Quincy, Mass.

When German Empire Was Formed

Before the Franco-Prussian war, in 1870-71, Germany was not a united country, but consisted of a number of states, of which Prussia was the most powerful. It was after the war and mainly due to the labors of Bismarck that the German empire was formed, a consolidation of the former German states.

Many Animals and Insects
There are said to be 1,100 different kinds of animals and insects in the world, with thousands of varieties of each, including 120,000 types of spiders, 50,000 types of butterflies, and 40,000 types of flies.

Income Tax Records, Sentinel.

COUNCIL

The following bills were allowed at the regular meeting of the city council:

Recorder, cash items	\$ 4.75
H. W. Lombard, salary, stenographer, expense liquor cases	37.00
Dr. C. E. Frost, salary	10.00
Henry Tymer Co., engineer's supplies	6.83
Pao Tel. & Tel. Co., tolls	.76
Crane Co., water supply	2.03
Palace Cafe, meals for prisoners	24.07
H. W. Lombard, bond premium	8.93
C. Eugene Frit. & Transfer	12.50
Mountain States Power Co.	3.00
Sentinel, pkr. and pub.	254.80
J. F. Dillon, welding	18.45
D. R. Hamant, machine work	11.30
Graber-Gettys Hardware, water supplies	8.10
Fire department, salaries	3.20
State, Ind. Acc. Com.	24.00
Oscar Smith, water labor	15.33
P. H. Jones, water labor	6.25
Postal cards	17.50
C. Eugene Frit. & Transfer	50.00
G. B. Pitcher, salary	64.15
J. C. Schaffer, salary	100.00
W. W. Coiner, salary	75.00
Donald Allen, salary	125.00
C. F. Counts, street sweep	50.00
O. V. Brest, salary	64.50
	125.00

Not Killed in Flight
The popular belief that a person falling from a great altitude will be killed or rendered unconscious before reaching the ground has been exploded by army flyers, says the War department.

NOTICE OF FINAL SETTLEMENT AND DISTRIBUTION OF THE RESIDUE

In the county court of the state of Oregon for Lane county.
In the matter of the estate of George O. Knowles, deceased.
Notice is hereby given that Effie A. Knowles, the administratrix of the estate of George O. Knowles, deceased, has rendered and presented for final settlement of said estate her final account of her administration of said estate together with a petition for an order of the court distributing the residue of the property thereof and for the discharge of the administratrix, and that April 3, 1934, at the hour of 10 o'clock in the forenoon of said day at the court room of said court at the court house in said county of Lane and state of Oregon has been fixed by said court for the settlement of the said account and the hearing of the said report and distribution of the residue of the said estate, at which time and place any person interested in said estate may appear and file exceptions in writing to said account and petition and may contest the same.

Dated this, the 27th day of February, 1934.
EFFIE A. KNOWLES, Administratrix of the Estate of George O. Knowles, Deceased.
H. J. Shinn, Attorney for Estate. ml-29

NOTICE
Whereas in chapter 127, general laws of Oregon, enacted in 1919, it is declared to be the duty of every person, firm, copartnership, company and corporation owning, leasing, occupying, possessing or having charge of or dominion over any land, place, building, structure, wharf, pier or dock which is infested with ground squirrels and other noxious rodents or predatory animals, or as soon as the presence of the same shall come to his, their or its knowledge, at once to proceed and to continue in good faith to exterminate and destroy such rodents by poisoning, trapping or other appropriate and effective means; and

Whereas gray digger ground squirrels (*Citellus douglasii*) are noxious rodents in Lane county, Oregon.
Now, therefore, all of such persons, firms, copartnerships, corporations and companies owning or having dominion over land in said Lane county, Oregon, are hereby required to take steps to exterminate said gray digger ground squirrels (*Citellus douglasii*) within 30 days from the date of the first publication of this notice. If such steps are not taken, a person or persons appointed by the county court of said Lane county will enter upon said lands and proceed to exterminate said gray digger ground squirrels (*Citellus douglasii*) and the cost of said extermination will be levied against said lands.

The County Agricultural Agent hereby designates Monday, April 2, as a day to be known as "quarrel poisoning day" throughout the said Lane county, and it is hereby recommended that poisoned barley, as prepared by the undersigned and representatives of the Bureau of Biological Survey of the United States Department of Agriculture, be used for the purpose of such extermination. Such poisoned barley may be secured from the undersigned at his office in Eugene, Lane county, Oregon, at approximately the cost of preparation.

Date of first publication of this notice March 3, 1934.
(Signed) O. S. Fletcher, ml-22 County Agricultural Agent.

BUSINESS DIRECTORY

DENTISTS

DR. W. E. LEBOW
Dentist
Office Fifth and Main Streets
Hours, 8:30 to 12 and 1 to 5:30
Phone 35

DR. C. H. KIMB
Dentist
Office in First National Bank Building
Phone 10 Cottage Grove, Ore.

DR. C. E. FROST
Physician and Surgeon
First National Bank Building
Phone 47 Cottage Grove, Ore.

H. AXLEY, M. D.
Physician and Surgeon
Evenings by Appointment
Over Kern's Drug Store
Cottage Grove, Oregon

R. M. RICE, M. D.
Physician & Surgeon
Over Cottage Grove Pharmacy
Phone 75 634 Main St.

ATTORNEYS
HERBERT W. LOMBARD
Attorney at Law
First National Bank Building
Phone 14 Cottage Grove, Ore.

H. J. SHINN
Attorney at Law—Notary Public
Practices in All Courts
Bader Building
Cottage Grove, Oregon

ALTA KING
Lawyer
Lawson Building
Phone 90 Cottage Grove, Ore.

HERMAN E. LAFAY
Attorney at Law
Phone 5643
305 Oregon Bldg., Salem, Ore.

DELIGHT VALLEY

March 12.—Mr. and Mrs. Reginald Haight of Camas, Wash., were over-night guests at the M. A. Horn home Saturday.
Mr. and Mrs. Rudolph Hansen and son Wesley visited at the Adam Schmitt home in Creswell Sunday afternoon.
Mrs. Day Bailey and children of Eugene and Mrs. Mary Smith of Walker visited with Mrs. M. A. Horn Thursday.
Wesley Nichols was surprised Tuesday evening, when his schoolmates gathered at his home about 4:30 at the invitation of Mrs. Koon, housekeeper at the Nichols home, to help him celebrate his thirteenth birthday anniversary. Games were played and refreshments of cake, fruit salad and grapejuice were served at 6 o'clock.

The Clyde Wright family of Walker and the Lee Nixon family were dinner guests at the Oscar Jackson home Sunday.
Phyllis Johnson, and Dorothy Hohman attended an executive meeting of southern Lane county Christian Endeavorers at Creswell Sunday afternoon.
Mr. and Mrs. Jesse Tucker moved from Redport to the R. D. Tucker place Saturday.
Berl and Caroline Thomas, students at Eugene Bible school, and Dorothy Hohman were dinner guests at the Rudolph Hansen home Sunday.
Mrs. Lee Nixon entertained the Walker high school girls' and boys' basketball teams, who played in the Lane county tournament at Eugene, at a 6:30 dinner Saturday evening. The evening was spent in games and cards. Those present were Katherine Wright, Phyllis Johnson, Opal Myers, Grace Hohman, Mary Lindsay, Jessie Fox, Clarabel Hankins, Dorothy and Fay Clark, Mrs. Francis Reed, coach, Delbert Walkley, Lewis Conley, George Lindsay, Gene Wiltcher, James Fox, Donald Brown, Donald Nixon and Mr. Trout, coach, and Mrs. Trout.

Orren Hankins of Roseburg visited at the home of his parents, Mr. and Mrs. L. M. Hankins, Sunday afternoon.
The school board met Friday evening and authorized the clerk to post notices for wood bids for the coming year.
Lester Porter of Lynx Hollow, deputy assessor, was in this vicinity Saturday.

"Weaker Sex"
Women can stand more pain than men. Girls have a lower mortality rate at birth and during childhood. They begin to walk six weeks to two months before the boys. They start talking from two to three months earlier, according to public health service statistics.

Go EAST
through
CALIFORNIA

Change your travel compass to "East by South." Southern Pacific will take you East through the warm sunshine of California and Southern Arizona at the lowest cost in years. Rail and Pullman fares have been cut. Delicious meals in our dining cars cost as little as 80¢. For details, see your S. P. agent or write J. A. ORMANDY, General Passenger Agent, 705 Pacific Bldg., Portland.

Southern
Pacific

YES
YOU CAN SAVE ON
YOUR ELECTRIC BILL



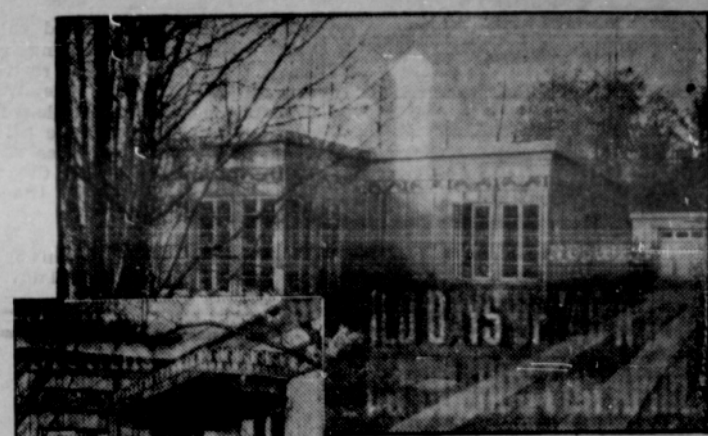
Eye strain is dangerous and glasses are inconvenient.
A wash board is hard on clothes but you can save 3c to 5c a week on your electric bill.

BUT.....

nothing else you can buy will give you as much comfort, good health and convenience as electricity. Keeping your toaster on the shelf an entire month would save less than enough on your electric bill to buy one gallon of gas for the car. When you are away in the evening, a dark house is an invitation to burglars. One light left on costs less than one cent an evening and is excellent burglar insurance. The difference between an abundance of light for safe, comfortable seeing anywhere in the living room, for all of the family, and one small light around which everyone tries to crowd, would save less than enough on the electric bill to take the entire family to the movies once. Yes, you can save on your electric bill... but at what a sacrifice!

MOUNTAIN STATES POWER COMPANY
ELECTRICITY IS THE CHEAPEST SERVICE YOU CAN BUY

A 1934 Model, Factory-Refabricated Home!



The house shown was completed at Seattle recently—the first of its kind.

To catch the expected building up-turn, architects and engineers of the Weyerhaeuser Timber Company, Tacoma, Washington, worked two years in developing a method of making at the factory standard wall and other house units, by the use of which lower cost and better construction would result. Then the company bought a lot in Seattle and set up the modern unit shown above to get the reaction of the public.

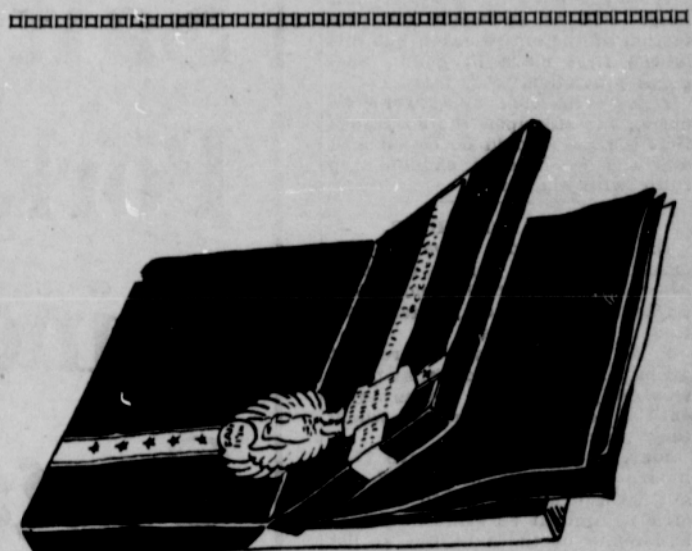
Within ten days after the opening and as a result of local stories and announcement advertising in newspapers the company had the names of 359 prospects who wanted homes built in this ultra-modern manner.

The sample unit shown contains full air-conditioning and is intended to compete in the \$5,000 to \$10,000 class. The company plans to supply units through retail lumber dealers from approximately \$1,500 as low. The unit section method as developed by Weyerhaeuser technical men may be applied to any standard construction and will, the engineers state, result in a less costly and more permanent type of construction.

Always give the Home Print Shop first chance. The Sentinel.

Typewriter Ribbons, Carbon Paper, Typewriter Supplies. The Sentinel.

Carbon Papers



The Sentinel
Office Supplies of Every Kind