

HISTORY OF THE SPIRAL TRACED

URBANA, Ill., Nov. 17.—Tracing the history and development of the volute or spiral in architecture, Professor Rexford Newcomb of the University of Illinois, in a university bulletin just published, contradicts ancient belief, and asserts the spiral as a part of the Ionic capital had its origin in Greece and not in Assyria.

Whether the spiral developed from the ancient style of women's hair-dress, shell forms, leaf curvatures, horn of sheep and goats, spiral motion of breakers on the beach, or the habitual bodily "configuration" of snakes, Professor Newcomb does not attempt to say.

He advances the theory that the "volute," as an art-form is the natural outcome and the logical result of man's environment; that the volute is inseparably linked with nature; that with the appreciation by man, of this principle in nature, it becomes a part of his natural experience, a thing to be felt, as rhythm or color; and that it would seem childish therefore, to explain the introduction of the volute into the Ionic order as the result of man's imitation of the curve of any particular natural form.

The professor goes into some detail in giving his reasons for crediting the Greeks with first incorporation of the spiral in the Ionic column.

"The volute," he writes in conclusion, "is one of the most universally occurring curves in nature; it represents a principle in nature, a fundamental law of growth. It is dynamic, infinite, and mysterious in its significance; and hence has from the earliest times had a great appeal to mankind, and has entered deeply into the art expression of all ages."

DIFFICULTIES IN STAGING BIG PICTURE, "OVER THE HILL"

Moving picture directors often have their troubles in staging and directing big productions, but the Assistant Director of the William Fox film production, "Over the Hill," was helped out of the serious difficulty which that big production was being photographed in Connecticut. The early scenes of the photoplay show the trouble of keeping a lot of kids in order and many of the youngsters are up to all sorts of mischief. Harry Millarde, the director, told his assistant, Jack Foley, to be sure and take



all necessary implements of children's warfare with him when they went to Connecticut for these scenes. Naturally Foley's pockets fairly bulged with candy and chewing gum, but the vast array of "props" he was called upon to collect was his chief worry.

When the children were all hustled on a train and taken to Connecticut for exterior scenes on a farm, and safely landed there, Foley was abashed when Millarde called for a bean-shooter. The business of a scene called for one—the genuine rubber, stretchy thing. The assistant director had forgotten this important detail and realized he would be unable to pick up one away out there. He had begun to worry hard when little Jerry Devine, of the company, stepped up and said, "I got one." Sure enough, he had a fine one—and so had others of the little ones. Foley collected every one of them—for he felt a sudden responsibility for the welfare of the farmer's chickens.

"Over the Hill," the great William Fox feature photoplay of mother love, will be shown at the Star Theatre starting November 20.

The fossil of a winged and toothless bird recently found in Western Kansas is held to be the oldest relic of the past now on the earth. It is estimated that this bird lived 25,000,000 years ago.

Tuesday afternoon, 3 to 6, showing 1 to 2, display of Chrysanthemums at our store.—CHERRY'S FLORISTS—11-18-21

Big Milling Order Is Placed By Government With Albers Bros. Mill

PORTLAND, Ore., Nov. 18.—The big cereal mill of Albers Brothers is now running at full capacity in order to facilitate a big order just received from the U. S. government. This order is for 2000 tons (or four million pounds) of oats which are to be shipped from Portland to Honolulu and the Philippine Islands for government use.

Morris Thomsen, a well-known financial and milling man of the Pacific Northwest, was recently elected president of Albers Brothers Milling company. Mr. Thomsen is president of the Pacific Coast Bleed company, Centennial Flouring Mills, Deany Renton Clay and Coal company, and other large interests in Portland, Seattle, San Francisco and Los Angeles.

Artistic Towers to be Built in New York

NEW YORK, Nov. 18.—Having found Fifth Avenue's traffic signal towers useful, the police department now has determined to make them artistic.

The five utilitarian structures, located at strategic points along New York's show thoroughfare, will be replaced with towers in keeping with the architectural beauty of the avenue. A design has been selected from a hundred submitted by artists competing for prizes offered by the Fifth Avenue association.

The new towers, almost entirely of bronze will rest on granite bases and rise 22 feet above the street. The lower part will be open and the upper part, enclosed in glass, will give an unobstructed view up and down the avenue. Fencing blocks on each corner of the base will fend off traffic and protect the tower.

The traffic police who will occupy the artistic observation posts have been much interested in the endeavor to make the towers as artistic as possible.

"They'll be putting silk curtains in the window before they get through," said one.

"And maybe a bit of lace," said another.

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Quality Flowers

Union county is noted for the diversity and high quality of its farm products. Whatever is raised here seems to do a little better than in many other parts of the state. And it is not only field crops that have come to the fore in the county. A. B. Cherry of this city has shown that the center of Eastern Oregon business and agricultural activities can also produce highly cultivated flowers that excel.

At the flower show held in Portland last week Mr. Cherry exhibited blossoms that were declared to be the finest ever shown in the northwest by floral experts. Jessica Curry, an authority on chrysanthemums, who has attended many shows, writing in the Portland Telegram said: "The White Chrysanthemums shown by Mr. Cherry of La Grande, I feel, never have been equalled in any show I have ever attended. They were perfect as to size and color, shading from white at the tips to the dark rose reflex. Every bloom in this display was a finished flower and I am free to say I never imagined there was a grower of Mr. Cherry's skill in Eastern Oregon."

The Oregonian, in commenting on Mr. Cherry's exhibit said: "The quality of the display from Cherry's in La Grande is most remarkable, the centerpiece being 50 extra-large Turner chrysanthemums, and on either side of this large basket of Eugene Long-stiel yellow chrysanthemums."

Beautiful assortment of flowers and blooming plants for Thanksgiving.

Cherry's Florists

SAUER KRAUT CROP IS SAVED

University Professor Makes Discovery Doing Away With the Blight on Cabbage.

RACINE, WIS., Nov. 18.—Those persons who like to have just a few barrels of sauer kraut in the house in case of sickness or to whom corn beef and cabbage is a necessity and cabbage salad a luxury owe an inestimable debt to Dr. L. R. Jones, plant pathologist of the University of Wisconsin, and to the president of a group of Wisconsin cabbage growers along the west shores of Lake Michigan.

In the face of the blight which invariably followed continuous planting threatened the extermination of the commercial growth of the plant, experiments conducted by Dr. Jones, have saved the industry. The story is told by a writer in The Wisconsin Agriculturalist.

It is a story of a ten years fight by scientific men using the weapon of selection and elimination against a disease known as Cabbage Yellow, and which science finally has won. Today there are miles of cabbage fields in the truck section of Wisconsin and Illinois where a few years ago scarcely a tract of a crop would reward the best efforts of the farmers.

Cabbage grows almost everywhere in the United States but it was an unsatisfactory crop because after a few years of production, land would



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invariably become infected with Yellow and henceforth for all time would refuse to grow cabbage.

The principle upon which Dr. Jones operated was this. A field infected with Yellow would produce maybe a dozen, maybe not more than one or two heads per acre. For some reason these heads would have a natural immunity to yellow. The theory was that the progeny of these individual heads would continue to develop the immunity to a larger degree and this has worked out in fact.

In 1910 when the Wisconsin cabbage growers were disheartened and about to abandon the industry, Dr. Jones selected a single head from a ten acre field owned by W. J. Hanse of Kenosha County. Cabbage is a biennial and it took two years for the seed to develop, but the ultimate seeds from this single head also proved to have immunity to the Yellow.

They were planted and carefully conserved and studied and from this single head was developed the Wisconsin Hollander cabbage, a strain that grows luxuriantly in the worst yellows and diseased land.

A. J. Piper, Broesch Brothers, Walker Brothers and a few other lake shore truck growers were also conducting similar experiments and establishing the principle that by selection and elimination immunity could be developed.

Up to this year, almost no seed of the disease resistant strain was sent out of the state, although cabbage growers everywhere had watched the experiments clamored for it. There was not enough seed yet to supply for further growth of seed cabbage.

Wisconsin nor in fact any more than for use for further growth of seed cabbage. This year the seed is being distributed by the College of Agriculture of the University to other experiment stations and colleges where it will be used by them in overhauling their Yellow infected cabbage land.

Hydro-electric Power Sites Considered

RIVERSIDE, Calif., Nov. 18.—Important among considerations of the opening session of the League of the Southwest convention here December 8, 9 and 10, concerning the proposed development of hydro-electric power on several sites on the Colorado river system, will be the report of Director Davis of the United States Reclamation Service on the Boulder Canyon dam project.

According to Arnold Kruckman,

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5-room house, big lot, located on Spruce street between Adams and Jefferson, the house is modern. Price \$1500. Terms \$500 cash, balance \$25 per month.

7-room house, 4 lots, excellent garden, modern, good barn. Price \$2500. Terms \$500 cash, balance at \$35 per month.

8-room house on Main ave., best location in the city, heating plant, basement, modern, corner lot, with both streets paved. Price \$4500.

8-room house, one-half block from Adams, avenue, modern garage, lot 60x110. Arrangement good for renting rooms. Price \$5000. Terms to be arranged with purchaser.

5-room house, furnished, good garden, lot 60x110. Price \$1850. \$350 cash, balance \$25 per month.

One-acre tract, 7-room house basement, rich black river washed soil, lot 12 with me, I am getting results. Located on the new Honor highway.

Price \$2200. Terms \$500, balance to suit purchaser.

5-room house, lot 54x185, city water, electric lights. Price \$1400. Terms \$550, balance \$20 per month.

5-room modern house, full basement, garage, with hot and cold water. This place is in an excellent location. Price \$3500. Terms \$40 per month, \$800 cash.

4-room house, hot and cold water, basement. Price \$1850. Terms \$300 cash, \$35 per month.

6-room house, corner lot, both streets paved, cement sidewalks on both sides, modern, basement, built in bungalow style of house. Price \$4000. Terms \$1000 cash, \$45 per month.

5-room house, modern, excellently located on Adams avenue, just re-finished inside. Price \$2800. Terms \$1000 cash, balance to suit purchaser.

7-room house, basement, heating plant, back and front porches screened, modern, garage, lot 60 by 110. Price \$3000. Terms \$1000, balance \$35 per month.

I have a house listed that is renting for \$55 per month that the owner will trade for first-class farm security or will take an automobile, if priced right, for part of first payment.

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