

Miss Morgan Hostess To Ace-Deuce Club

Miss Helen Morgan was hostess to the Ace-Deuce Contract Club Monday evening at the home of Mrs. W. C. Barclift in New Hope. High score prize was won by Mrs. J. A. Sawyer, and the consolation by Mrs. J. W. Jackson. A delicious salad course was served the following players: Mrs. E. M. Perry, Mrs. J. W. Jackson, Mrs. R. R. Parry, Mrs. J. A. Sawyer, Mrs. M. M. Spivey, Mrs. C. B. Goodman, Miss Rebecca Webb and Miss Helen Morgan.

Timely Questions On Farm Answered

Question: How soon should sexes be separated in growing chicks?
Answer: The separation should be made as soon as the males and females can be determined. With the Leghorns this can be determined in from four to six weeks and from seven to nine weeks with the American breeds. As the chicks grow, more floor space is required and unless this is provided the chicks will begin toe picking and feather pulling. When the chicks are overcrowded they are much more subject to disease and develop more slowly.

Question: Will cotton seed now treated with Ceresan keep until planting time?
Answer: Yes. Ceresan is harmless to cotton seed and they may be treated now and stored until planting time. This treatment will also prevent any further trouble from contaminated sacks, bins, or from the planters. Be sure and use three ounces of the fungicide to each bushel of seed and mix thoroughly in the container before storing. Seed not needed for planting should be disposed of in some way as treated seed are unfit for feeding purposes.

Question: What spacing should be given a new planting of dew-berries?
Answer: Plants should be set from four to five feet apart in rows six feet apart. Press the soil firmly against the roots and cut back to two or three buds. The canes should be allowed to sprawl on the ground during the first growing season, but should be tied to stakes or trained on a two-wire trellis before growth starts the following spring. Newly set plants should be fertilized with stable manure or a tablespoonful of nitrate of soda. A new publication on "Fruits and Nuts for Home Use" has just been issued by the Agricultural Extension Service and copies may be secured by writing the Agricultural Editor, State College.

SUNDAY AT NAGS HEAD

Mr. and Mrs. W. H. Harcastle and their son, William, Miss Louise Gaither and Robert B. Albertson, of Portsmouth, Va., motored to Nags Head on Sunday and spent the day.

Visiting At King's Mountain Mrs. R. T. White left Wednesday for King's Mountain, where she will spend several days as the guest of her daughter, Mrs. G. F. Lattimore.

RYLAND

Mr. and Mrs. Roy Parks entertained a large number of guests at dinner Sunday. Mr. and Mrs. Jim Ward and children, of Suffolk, Va., were guests of Mr. and Mrs. N. E. Jordan Sunday. George Ward, of Edenton, spent Sunday afternoon with William and Lehman Ward. Elmer and Edward Ward, of Sign Pine, were also there. Mrs. Harriett Parks, Mrs. R. S. Ward and little daughter, Lelia Faye, Mrs. W. T. Davis and Mrs. W. C. Ward accompanied Mrs. Julian E. Ward, of Edenton, to Gates County Friday and the day was most delightfully spent with Mr. and Mrs. Vance Moore.

Mrs. H. N. Ward is in Edenton this week at the home of her son, E. J. Ward, and Mrs. Ward. Sarah Jane, little daughter of Mr. and Mrs. G. A. Boyce, was one of the prize winners in the Amateur Hour at Taylor Theatre Friday evening. Quite a large number of Ryland people attended the show. Mrs. Harriett Parks accompanied Rev. and Mrs. John Byrum to Elizabeth City last Tuesday to attend the Sunday School Convention. Miss Ronella Ward was in Edenton Saturday evening. Mrs. Roy Parks and her guests, Mr. and Mrs. Samuel Lane, of Richmond, Va., spent Friday with Mrs. Eley Jordan, near Gatesville. O. N. Jordan was in Edenton on business Saturday evening.

CONCENTRATED SUN RAYS MELT STEEL

4,000 Degrees of Heat Produced by Invention.

Los Angeles, Calif.—H. E. McCoy, bald Los Angeles inventor, gingerly held a steel plate in front of a beam of his "concentrated sunlight" and chuckled as the ray promptly melted a hole through the plate, the molten metal dripping down like melted butter. He waved triumphantly at a huge revolving battery of 60 mirrors which was focusing the bright California noonday sun into a beam some 4,000 degrees Fahrenheit in temperature.

"We'll run all our factories with 'sun power' through outfits like this some day," he declared. "Give me the capital to build one eight times as big as this one, and I'll make the sun generate enough electricity to light a city of 80,000 population."

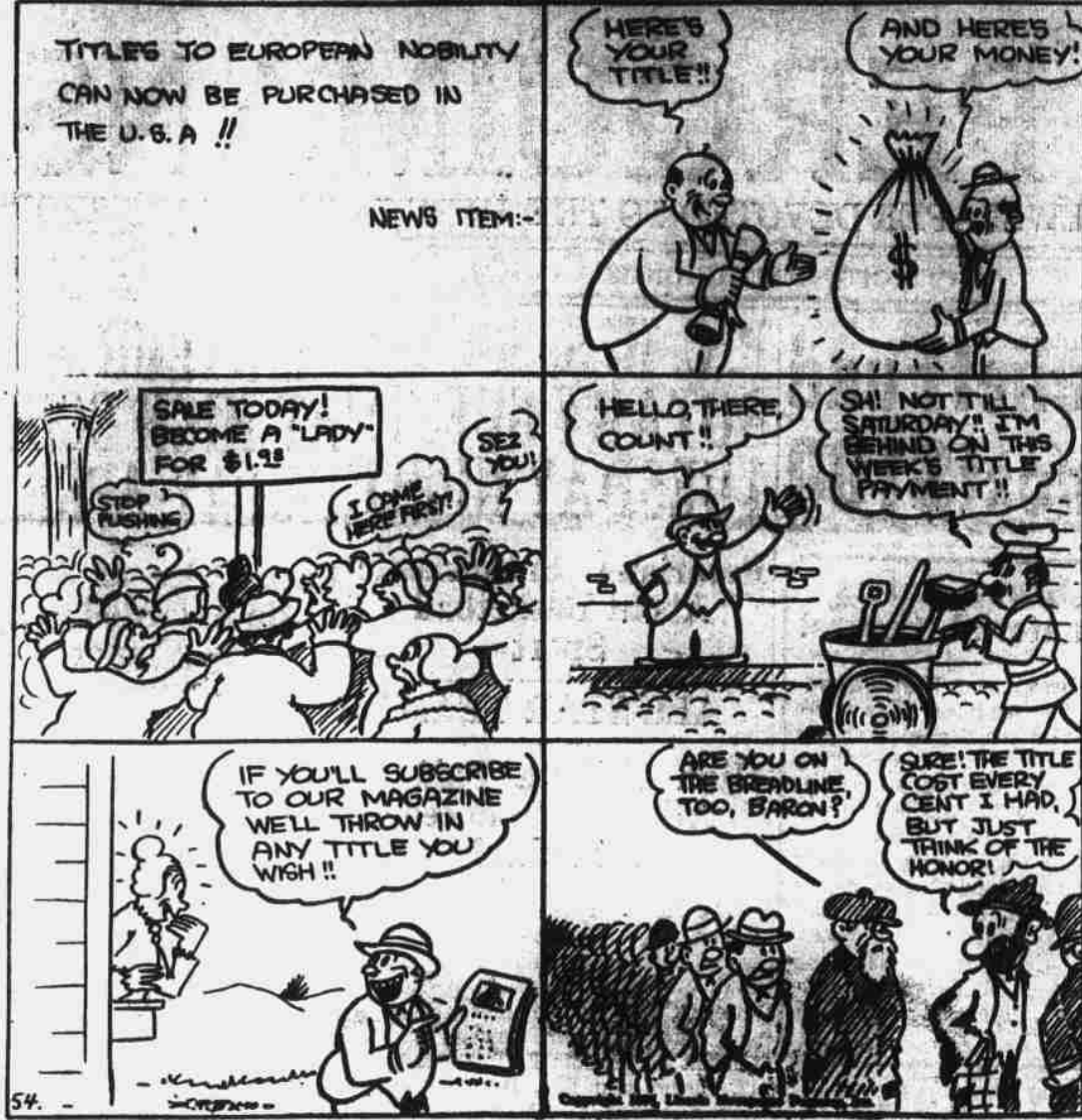
Uses Three Panels. McCoy's invention consists of three panels, each holding 20 curved slabs of silvered window glass. They tip up or down and run on a circular track, following the sun's path from east to west. The sun's rays are kept aimed constantly on a fire-brick over 15 feet away.

All the sunlight striking 60 square feet of mirror is concentrated on the small target, raising the temperature to approximately half the terrific heat of the surface of the sun itself.

McCoy says he has melted, among other metals, tungsten carbide, indicating the furnace develops well over 4,000 degrees Fahrenheit.

Confident of Adoption. He is confident the apparatus will be adopted by industry to replace coal and oil for heating factory boilers. He says that for \$25,000 he can build an

LAUGHS FROM THE DAYS NEWS!



ore-smelting plant equivalent to present-day smelters costing \$100,000.

"It sounds fantastic," he said, "but I think the motor of the future may drive up to a service station and, instead of buying gasoline, exchange the 'battery' of his electric automobile for one that has just been charged by a solar furnace generating plant."

Undertakers are already consulting the inventor on the possibilities of using the device for cremation of bodies, their idea being that cremation by sunlight has a certain poetic appeal. As a test, he placed a two-pound rabbit on the "hot spot." It vanished in smoke after two minutes under the concentrated sunbeam.

Intelligence Tests Fair Only After Some Practice

Ann Arbor.—Intelligence tests are fair in determining the comparative "I. Q.'s" of individuals only when those individuals have had equal amounts of practice in taking the tests. Dr. Edward B. Green, University of Michigan psychologist, has concluded, after repeating four times a series of 25 standard tests among 253 of his sophomore students.

In taking the tests over and over again the pupils showed improvement in performance which ranged from zero to 1,900 per cent, which led Doctor

Green to assert that the "prediction of success in vocational and educational activities would be greatly improved if individuals could be compared at known levels of efficiency. It is seldom useful to compare individuals when it is known that one of them has had considerably more practice than the other," he says. "Only those tests which show from none to 25 per cent improvement may be used as a comparison between individuals." In easy comparisons, including the speed of easy reading and easy pencil mazes, and in hard comparisons, study of difficult cube designs, improvements ranging from 28 to 75 per cent were shown. In medium comparisons the improvement ranged up to 200 per cent and in solution of such puzzles as can be remembered the improvement was 300 per cent.

Co-Eds Firmer Than Men in Holding to Studies

Lewisburg, Pa.—Women are steadier than men, according to conclusions drawn by the "Bucknellian," student newspaper at the Bucknell university. The paper conducted a survey of the number of students who changed courses after the opening of the term and found that 225 men switched classes, while only 129 coeds changed their programs. It was concluded that

women in general may change their minds more frequently than men, but coeds exhibited more steady convictions.

Old Uniform Intact

Springfield, Mo.—C. H. Burke, veteran of the Union army, recently celebrated his ninety-first birthday by donning the uniform he wore as a drummer more than 70 years ago. The drum, the gun, the cap, the uniform worn in the Civil war, are in good condition.

Life begins at forty and so do fallen arches, lumbago, bad eyesight, and the tendency to tell a story to the same person three or four times.

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Canadian Balloon Up 18 Miles for World Record

Calgary, Alberta.—A world altitude record of 27,700 feet—more than 18 miles—has been established here by the Dominion meteorological bureau with a miniature weather recording balloon.

The record was made in 1935 but has just been disclosed by the bureau. It is three miles higher than the record Soviet scientists at Kiev claim to have set up with a "weather balloon."

For 25 years the bureau has been securing weather information by this means. Data on the stratosphere above Canada is obtained by instruments attached to the balloons.

These tiny balloons soar into the lighter atmosphere until they burst. The instrument drops to the ground and the finder gets a reward for sending it to Toronto.

Although the flights take less than an hour, the instruments are found, on an average, 60 miles from the point of ascent.

During 1935 one balloon established another record—it registered a temperature of 99.4 degrees below zero Fahrenheit, cold even for Canada!

"Poor" Miner Was Rich

St. Thomas, Ont.—Believed to have been a poor man, William Richardson, retired miner, left \$100,000 to the Red Cross society, it was discovered when his will was probated. Richardson's estate was made up of huge bank deposits and stock holdings. He left a total of \$128,000.

Women Rank Men as Good Air Travelers

Chicago.—Women make better air travelers than do men, a survey sponsored by an airline company reveals. Drawn up in connection with a ground school for its stewardesses, the company's survey showed:

Women flying the first time relax quicker than do men. Women take bad weather more calmly than do men. Women generally obey instructions better.

Women are more careful where they put their cigarette ashes. Men demand more service and attention than women.

Men ask more questions. Women, if struck, take it less seriously than men.

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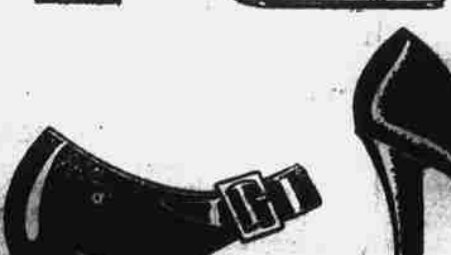
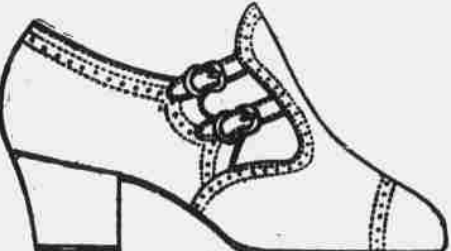
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