

FIREWORKS, ZINC ARE PRODUCED BY PLAIN COW MILK

ITHACA, N. Y.—(AP) Seven surprising elements have been found in cow's milk. They are substances never before identified in the lactated fluid.

One of them is strontium, which is the base of the red fire of July Fourth celebrations. Another is titanium, a element that supplied the smoke screens of the world war. Vanadium, well known in building and commerce; lithium, which has lent its name to some kinds of springs, and silicon, one of the main constituents of the earth's crust, are among the finds.

The others are rubidium, which makes silvery coatings on the inside of radio tubes, where it absorbs gas thereby preserving the vacuum and the service of the tube; and boron, which is exhaled by volcanoes as boric acid.

Discovery of these elements was made possible by recent developments at Cornell university in spectroscopic photography. The work was done by Dr. Jacob Pappish and Dr. Norman C. Wright of the Hanna Dairy Research Institute, Scotland. A dozen other elements, including zinc, copper and molybdenum and previously identified in milk, were verified by the Cornell method.

The milk was dried, burned to ashes and sufficient electric current applied to the ash to convert it into luminous vapor. By this light, photographic plates registered the spectra, the lines of which revealed the presence of the elements.

Whether these newly found substances are significant to nutrition, remains to be determined. Their quantities are announced as "small but definite."

The research disclosed that some of these elements may get into milk through the diet of the cow. Unusual amounts of zinc were found in one sample, which was traced to animals pasturing near the zinc smelters at Franklin, N. J.

The American milk samples producing the newly found elements came from New York, New Jersey, Wisconsin, Michigan, Missouri and California. The British samples were from Somersetshire, Derbyshire and Aberdeenshire.

The table of elements formerly identified in milk shows in comparatively "large quantities": calcium, magnesium, potassium, sodium, phosphorus and chlorine, and "traces" of iron, copper, aluminum, manganese and iodine.

BAKER DIRECTOR SECRETARY BODY

EUGENE, Ore., Mar. 21.—(AP)—Kent Schumacher, Hood River, was elected president of the state association of commercial organization secretaries at the annual meeting held on the University of Oregon campus today.

L. K. Crumb of Bend was chosen vice-president and E. G. Harlan, Portland, was named secretary-treasurer. Members of the honor roll directors chosen were Leonard Gilkey, Albany; Earl C. Reynolds, Klamath Falls; W. E. North, Baker, and C. T. Baker, retiring president, of Medford.

Land settlement and its great value to the progress of the state, advertising for tourists, and county industrial surveys were taken up at the session today. A plea for state-wide cooperation and support of both the land settlement and tourist movements, work on which should be centralized through the state chamber of commerce, was made by W. G. Ide of the state chamber.

Farm Pointers

All farm timbers used in contact with the ground, such as foundation sills, stable floors, hog houses, poles and fence posts, should be made of durable woods, such as white oak, red oak or chestnut, or of "sap" woods treated with creosote.

A good method of feeding shorts or middlings to sows is to put the feed in a self-feeder some distance from the water supply and sleeping quarters. The rack for the alfalfa hay should be kept between the last two. If this plan of feeding middlings and hay is followed, the corn can be fed twice daily in troughs or on a feeding floor.

Some leafy alfalfa or clover hay should be included in the ration for the farm poultry flock at this time of year where grass range is not available.

The farmer should harvest his own timber crop. He can sell his own labor and that of his teams or trucks along with the crop, just as he does when selling wheat, cotton or corn. Selling cut timber products in the log, pole, tier, or cord means increased money income and, if cut rightly, also leaves the woodlands in better condition for growing another timber crop. Idle land pays no interest.

(By U. S. Dept. of Agriculture.) Shelling seed corn by hand is profitable. The tip kernels, which are less productive than the others; the butt kernels, which do not drop uniformly in the planter, and any worm-eaten or blemished kernels may be discarded. Each ear should be shelled separately, using a quarter-inch mesh sieve with a concave bottom, and the kernels from each ear looked over carefully.

Welcomes D. A. R. Members



Mrs. G. Q. D'Albini

D. A. R. Program Friday, March 22

FRIDAY, MARCH 22, 1929
9:00 A. M.

- Assembly Call Jack Terrett
- Entrance of State Regent accompanied by State Officers with escort of pages
- Music Instrumental
- Conference called to order by State Regent, Mrs. E. C. Apperson
- Scripture and Prayer The State Chaplain
- Vocal Solo—"Lead Kindly Light" Mrs. R. C. Mulholland
- Accompanied by Mrs. W. M. Van Scoyoc
- In Memoriam Mrs. Francis Cornell, State Chaplain
- Music—"Onward Christian Soldiers" By Assemblage
- Continuation of Reports of State Committees:
 - Legislation in U. S. Congress Mrs. C. C. Clark
 - Magazine Mrs. Clyde W. Osborne
 - Manual for Immigrants Mrs. J. A. Cooper
 - Memorial Caroline Scott Harrison Mrs. L. J. Schmitz
 - Memorial Continental Hall Library Mrs. U. G. Smith
- National Defense Mrs. John V. Richardson
- National Old Trails Roads Mrs. John L. Soule
- Patriotic Education Mrs. H. B. Cartledge
- Preservation of Historic Spots Mrs. Joseph Stadelman
- Publicity Mrs. R. S. Stearns
- Real Daughters Mrs. J. R. Roberts
- Revolutionary Relics for Memorial Continental Hall Mrs. B. L. Steeves
- Sons and Daughters of the Republic Mrs. J. H. Stoffel
- Announcements

12:15 P. M.
No Host Luncheon, Mrs. M. J. Norris Second State Vice Regent, presiding
1:30 P. M.

- Assembly Call Jack Terrett
- Conference called to order by State Regent, Mrs. E. C. Apperson
- Music—"America the Beautiful" The Assemblage
- Reports of Special State Committees:
 - Chapter Extension Mrs. W. W. McCredie
 - Membership Mrs. U. G. Shipley
 - Veterans' Hospital Mrs. Wm. H. Saxton
 - Constitution Day Mrs. May A. Roberts
 - Champoeg Memorial Committee Mrs. Isaac I. Patterson
 - State Director of C. A. R. Mrs. F. L. Stoeckle

- Solo—
- Three-Minute Reports of Chapter Regents:
 - Astoria Mrs. J. E. Gilpin
 - Champoeg Mrs. C. B. Wilson
 - Chemeketa Mrs. Homer Gouley
 - Coos Bay Mrs. June Martin
 - Crater Lake Mrs. G. Q. D'Albini
 - Deschutes Mrs. George F. Gates
 - Eulalona Mrs. Harry M. Ackley
 - Grande Ronde Mrs. U. G. Smith
 - Linn Mrs. Mark Weatherford
 - Mathew Starbuck Mrs. Geo. H. Foster
- Announcements

6:30 P. M.
Sixteenth Annual Conference Banquet, Hotel Medford.
Mrs. E. C. Apperson, State Regent, presiding

- Solo—
- Greetings Mrs. G. Q. D'Albini, Regent Crater Lake Chapter
- Greetings Mrs. Gordon MacCracken, ex-State Regent
- Music—"Civic Duties of Patriotic Organizations" Don Newbury
- Music—
- Sketch Mrs. John V. Richardson
- State Chairman of National Defense
- Address—"The Ethics of National Defense" Dr. John Marvin Dean, D. D., Pastor of Hinson Memorial Church, Portland, Oregon

LARSON HEADS STATE DAIRYMEN CONFERENCE

CORVALLIS, Ore., March 21.—(AP)—Joe Larson, manager of the Cooperative Creamery of Marsfield, was elected permanent chairman of a statewide dairy conference at Oregon State college. The conference opened a two-day session today to consider revision of the Oregon dairy program. C. R. Briggs, Benton county agricultural agent, was elected permanent secretary.

Dairymen from practically every section of the state were among the 120 delegates who gathered here at the call of the temporary chairman, Paul V. Maris. Governor J. L. Patterson, opened the session with the only scheduled address on the program. "It speaks well for the future of the dairy industry," Governor Patterson said, "that such a large body of men, mostly dairymen, gathered on such short notice in a busy season for this conference."

METAL LINKS USED AS DRESS MATERIAL. PARIS.—(AP) Dresses and cocktail jackets of metal links are the newest designs of clothes have come to eliminating cloth from their scheme. A woman dressmaker shows the metal mesh in an afternoon dress of purple mesh over silk. The mesh cocktail jacket is worn over a decollete dinner dress and is unlined. In size and appearance the mesh resembles the link purses which were fashionable a few years ago. Innovations have been made in planters now on the market. Three row corn planters are built as attachments for tractors and are operated from the tractor seat. Four and six-row corn and cotton planters are used as a single unit.

NON-STOP NAMES OF WELSH TOWN STUMP OFFICIAL

LONDON.—(AP) The little Anglesey town of Llanfairpwllgwyngyllgogerychwyrndrobwllllandsylllogogoch, pronunciation of whose over-size name of 58 letters challenges the tongues of all except those most expert in the ancient language of Wales, has just won a case from the government which finally was aired in the house of commons.

The English translation on the name is: "St. Mary's Church-on-the-Hill-of-Whirlwinds-Near-the-Whirlpool-by-The-Church-of-Deddy-to-Near-The-Red-Cave." The inhabitants are proud of his polysyllabic cognomen and jealous of its fame.

"Llanfair P. G." as the natives call the place until they are old enough and long-winded enough to pronounce it, suffered the outrage of having an Englishman appointed as its postmaster. It was just too much for the sentimental feelings of the citizenry. Besides Postmaster Crick could not speak Welsh.

Sir Robert Thomas, member of the house of commons for Anglesey held up the legislation of the empire while parliament discussed the issue. Indignant Welsh members declared the name of their home town had been misspelled in the parliamentary calendar; others called on Mitchell Thomson, the postmaster general, to try and pronounce it.

"It begins with Llanfair . . . and ends with gogoch," announced the cabinet member triumphantly. "Perhaps with all this influence about I had better not pronounce it."

Then amid cheers he announced the capitulation of the government. Postmaster Crick had resigned. A Welshman would be appointed to the post.

Sir Robert Thomas took one more shot at the government. He insisted that the new postmaster be able to pronounce the town's name . . . and he rolled, gurgled, spluttered, gasped and gargled each and every syllable. Breathless, but triumphant, he sat down. The house of commons rocked with cheers.

Vicount Sandon brought parliament back to its sense of responsibility. "Does this word count as one in a telegram?" he asked. "Yes," answered the postmaster general without the loss of an iota of ministerial dignity.

LARKS, MOCKING BIRDS MOST POPULAR IN U. S.

WASHINGTON.—(AP) Meadow larks and mocking birds are favorites the country over. Mrs. Katherine B. Tippetts of the general federation of women's clubs finds as a result of a nation wide campaign to have each state adopt an official bird.

Most of the southern states chose the mocking bird, while most of the middle west selected the meadow lark. California named the condor and the District of Columbia chose the wood thrush.

LAYMEN AT HARVARD LEARN ASTRONOMY

CAMBRIDGE, Mass.—(AP) Laymen now may learn scientific astronomical work through the Bond Astronomical club at Harvard.

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Writes with ink free and easy as a lead pencil with no ink, slip or blur. Won't blot, scratch, leak or soil hands. Patented automatic feed prevents clogging.

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In exclusive Gordon shades, for the season's ensemble colors—two weights—chiffon and sheer service. \$2.50.

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