

### CAMERONIAN WINS DERBY

EPSOM, England, June 3 (AP)—Shaking off challenger after challenger, J. A. DeWar's Cameronian thundered down the stretch at Epsom Downs, the winner of the 148th Golden Derby.

The race was witnessed by the royal family, and upwards of seven hundred thousand others.

Cameronian was backed by countless thousands until he went to the post a seven to two favorite.

He showed a clean pair of heels to the class field of twenty-four other colts.

Three quarters of a length back, followed Orpen, a nine to one shot, while Sandwitch an eight to one choice, followed Orpen closely.

The victory was his second major turf triumph. Cameronian had previously won two thousand guineas in one of the three-year-old classics on the English turf.

Freddy Fox, England's leading jockey, rode the winner.

### WHEAT DROPS ON MARKETS

CHICAGO, June 3 (AP)—Another unexpected farm board action turned the wheat market into a maelstrom today, sent June wheat plunging downward and brought the cash market to a standstill.

Shortly after the grain exchanges opened today, came the report from Minneapolis that the farm board had withdrawn from the cash market.

June wheat, the last of the old crop, rapidly gave way under forced selling. The price foundered down 13 1/2 cents before regaining 3 1/2 cents to close at ten cents lower.

### "TOWN SCANDALS" IS NEW SHOW AT AIRDOME TODAY

For the last three days of this week the Ruth Leslie Hollywood Pepper show, which is now playing at the Airdome Follies theatre at First and Carson, will present a musical revue, Town Scandal.

The show is well named, according to Buddy Clark, the producer, and is crammed with snappy lines.

Miss Toodles Roberts, attractive young actress, has been added to the company and will appear in ingenue roles. The silent picture for the last three days is Marriage by Contract, starring Patsy Ruth Miller and Lawrence Gray. An added film comedy, Only Her Husband, will also be shown.

### SUITS FILED IN DISTRICT COURT

W. P. Vandiver vs. Alberta Vandiver, for divorce. Complaint alleges extreme cruelty. No children and no community property. Fred S. Alward, attorney for plaintiff.

Angelina Victoria Hagman vs. Andrew Hagman, for divorce. Complaint alleges extreme cruelty. No children and no community property. Three minor children in custody of defendant. C. D. Brezze, attorney for plaintiff.

## SEA PASTURES THAT BLOOM IN SPRING CHALLENGE STUDY ON SUB'S VOYAGE

By F. B. COLTON  
(Associated Press Science Writer)

WASHINGTON, June 3 (AP)—Ocean currents under the Arctic ice, studied by Sir Hubert Wilkin's submarine this summer, may help explain why "pastures of the sea" bloom only in the spring.

Chief of the scientific staff of the expedition will be Dr. H. U. Sverdrup, Norwegian oceanographer. He has spent years in study of the sea's drifting "pastures" composed of diatoms, plants so small that a thimble-full of water easily holds a thousand.

He will study currents, temperatures and sea life under the ice, and may find previously unknown currents which would help show why sea pastures do not "grow" in the year round.

**BASIS OF ALL SEA LIFE**

Without the pastures of the sea, codfish cakes, lobster salads, broiled mackerel and whale oil would probably become things of the past. All sea creatures either live on diatoms, or on other fish that in turn live on diatoms.

The sea pastures flourish only when upward currents bring plentiful supplies of nitrogen and phosphorus from the lower depths. It is explained in a report of the Carnegie institution of Washington.

The diatoms need fertilizer and sunlight, just as land plants do. They float in the upper layers of the ocean where sunlight penetrates and absorb chemicals from the water.

When conditions are favorable, the diatoms multiply with enormous speed. Every plant divides into two others every few hours, and in a month a single diatom may develop into a billion.

**CHAIN OF FOOD**

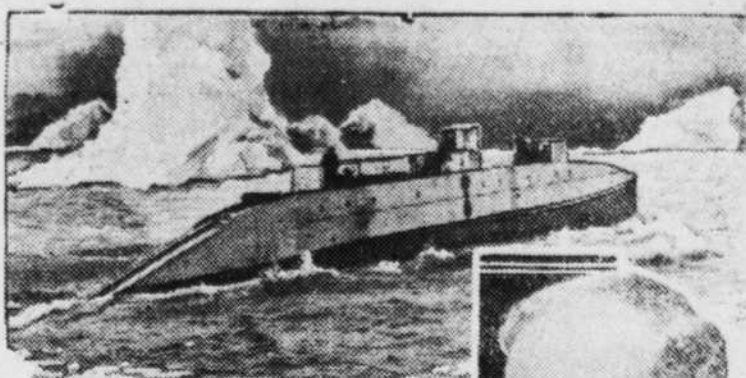
When the pastures of the sea are flourishing they furnish "grazing grounds" for tremendous "herds" of sea creatures, largely composed of microscopic, shrimp-like animals called copepods.

These in turn furnish food for squids, sea snails, jelly-fish and other creatures that are eaten by still larger fishes and so on up the scale, forming a food chain that rests fundamentally on plentiful supplies of diatoms.

Only upward currents or storms that mix ocean water thoroughly can bring fertilizers up through the "discontinued layer" that normally separates the cold ocean depths from the warmer surface layers. In winter, when the surface water is more nearly the temperature of the cold depths, the fertilizing chemicals rise more easily.

Supplies of fertilizer reach the surface during the winter, scientists believe and so each spring as soon as the sunlight grows warm, the sea pastures flourish, sometimes coloring the water for miles. By May or June, however, the fertilizers are exhausted and the pastures diminish.

In autumn, when the water is



Mystery of the ocean's vast "pastures" of diatoms (lower right) food of the microscopic copepods (lower left) and basis of all ocean animal life, will be studied by Dr. H. U. Sverdrup as Sir Hubert Wilkin's Nautilus cruises under Arctic ice this summer.

### MOTHER HELD FOR MURDER

SAN FRANCISCO, June 3 (AP)—Preliminary proceedings to the trial of Mrs. Bernice Foley on a charge of murdering her children, Patricia, 8, and Robert, 6 with chloroform, were completed today.

A coroner's jury accused Mrs. Foley in its verdict; and Municipal Judge Alder Ames ordered the mother held for trial in the superior court, after a brief preliminary hearing.

Among the witnesses at the inquest, and hearing was Mrs. Lucile Irvine, who had cared for the children while Mrs. Foley worked in her coffee shop.

"Mrs. Foley hated children, not only her own, but all children," Mrs. Irvine testified.

cooled again, more fertilizer rises, it is thought, and the diatoms grow once more, but are soon checked as the sunlight diminishes with the approach of winter.

### PERSONAL PARAGRAPHS

**ENGINEER EXPECTED**  
H. R. Lamb, right of way engineer of the state highway department, will arrive from Carson City this afternoon.

**FROM OVERTON**  
J. Edgar Mineer of Overton was registered at the Overland Hotel yesterday.

**ON AUTO TRIP**  
Gertrude George, accompanied by her sister, Mrs. William Hall and her niece, Betty Hall, will spend two weeks motoring through Utah, Idaho and Wyoming, leaving Las Vegas next Saturday.

**TO RETURN SOON**  
C. M. McGovern will return soon to Las Vegas from Hot Springs, Ark.

**ATTORNEY RETURNS**  
C. L. Horsey has returned from a trip to Carson City and through California.

**RONNOWS RETURN**  
Mr. and Mrs. C. C. Ronnow, who have been visiting in Hollywood with their son J. L. Ronnow and wife, returned Tuesday. They report that Ed W. Clark, who has been ill, is improving.

**PHYSICIAN BACK**  
Dr. Z. A. d'Amours has returned to Las Vegas to resume his practice after spending three or four months visiting the eastern clinics.

**1,010 PILOTS IN NAVY**  
WASHINGTON, June 3 (AP)—Naval aviators and pilots in active service number 1,010, exclusive of lighter-than-air pilots.

**TROJAN COACH IN LAS VEGAS**  
Howard Jones, famed coach of the University of Southern California, passed through Las Vegas early yesterday morning, bound for a week's fishing trip in Utah.

Jones told an Age reporter that he was "taking a fling" at a good trout stream before entering on the strenuous grind to produce an undefeated Trojan eleven for the 1931 season.

**MOAPA MEN AT FARM MEETING**  
Problems of interest to the southern Nevada farmer were discussed at a meeting of the farm bureau directors in the Moapa valley recently, with such leaders as Cecil W. Creel, Nevada extension director, George W. Malone, state engineer, and L. E. Cline Nevada extension senior economist, present.

Residents of the Moapa district

### BRIDGE FAILS; LATE PICTURE THIRTEEN DEAD AT EL PORTAL

ST. DENIS, France, June 3 (AP)—A new concrete bridge over the Isle river collapsed today and flung nine automobiles, trucks and part of a holiday crowd, some of them children, into the water.

Thirteen persons, including the bridge builder, were believed to have been drowned, although police said the total might be higher.

One employee of the bridge building company had refused to participate in the test saying he dreamed last night the bridge had collapsed.

were urged to increase production of all kinds to meet the demand produced by the activities at the Hoover dam, to prevent importation of crops, that might bring in diseases, and to protect all their rights to the Moapa valley water.

Bert Mills, farm bureau director of the Logandale district, was chairman of the meeting and the audience included Albert Leavitt, William Wittwer, Warren Hardy of Bunkerville; E. G. McGriff, I. S. Craig, Frank Allen, S. U. Stewart and W. G. Williams of Las Vegas, and ranchers of the Moapa valley.

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The Comedy—"ONLY HER HUSBAND"  
THE REVUE

**"TOWN SCANDALS"**  
"OH, WHAT A LAUGH!" "FUNNY AND HOW"  
EXTRA ADDED FEATURE—  
"The Crimson Flashes"  
DANCING A LA CARTE  
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