

ANIMAL SCIENCE NEWSLETTER

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CALENDAR OF EVENTS

- July 12-14 - Western Section of the American Society of Animal Science, Logan, Utah.
July 15-16 - Seminar on Range Livestock Production for Extension Specialist, Logan, Utah.
August 2-6 - American Society of Animal Science, University Park, Pennsylvania.
August 10 - California Cattle Feeder's Association Research Committee Meeting, Davis.
October 5-6 - Animal Industry Conference, Fresno.

DEPARTMENTAL ACTIVITIES

Dr. Perry Cupps has agreed to semen test the bulls enrolled in the CBCIA bull test. The 140-day official test period of these bulls will terminate on July 3, 1970. These bulls will be sold at auction following an educational field day at the Intermountain Fairgrounds at McArthur on Saturday, September 12, 1970.

A donation of 437 vials of Brown Swiss semen has been accepted by Animal Science specialists for use in breeding tests in evaluating Brown Swiss crosses for beef production. The donor is Mr. Henry Trione of Sonoma Thoroughbreds, Santa Rosa. Mr. Trione has also given the university a number of horses in the past.

Eric Bradford served as Co-Chairman of the Sheep Section at the California Livestock Symposium in Fresno June 11 and 12, and presented a talk on "Improvement through Sire Selection". A feature of this was a summary of 9 years of selection for weaning weight in a flock of Targhees at Davis which shows @ 21% increase - 94 lbs. for selected line lambs or 77 lbs. for controls at 120 days.

The following paper has been submitted for publication:

Al-Rabbat, M. F., Weir, W. C., Hungate, R. E., and R. L. Baldwin, 1970. In Vitra ¹⁵N-Tracer Technique for Measuring Some Kinetic Parameters of Ruminant Ammonia.

William Paul, Ag. Publications, Berkeley dropped in for a visit. His office is begging for manuscripts, especially bulletins and Calif. Agriculture. Maybe an opportunity to save some departmental library funds by publishing through his office - free editorial service, no reprint or page charges, etc. Incidentally, Hilgardia is a very respectable journal.

No white hat - no recommendations presented. However, many people have been very helpful in cutting costs for which there is gratitude. Cut-back at dairy barn. Herd reduced to one milking string and milking parlor closed down. No personnel lay-offs - reassignment of responsibilities for Johnny, partially toward animal care at H.C.F., B.L.A.

NEWS OF PERSONNEL

Glenn Goble recently attended an International meeting of the Alfa-Laval DeLaval Milking Equipment Company in upstate New York near the U.S. Headquarters of DeLaval in Poughkeepsie. Glenn was a member of a 5 man panel. The objective of the meeting was to project trends in dairying over the next 10 years. There were representatives of the companies present from approximately 30 countries.

Buren Wolf received a cash award for "Outstanding Performance" in his position with the University. Buren has been in charge of the Animal Science feed mill since it began operations in 1961. This feedmill donated to the department through the efforts of the California Cattle Feeder's Association processes all of the feed used in the department; widely diversified and experimental livestock operations.

The following staff members and graduate students presented papers during the annual meeting of the American Dairy Science Association at the University of Florida, Gainesville, June 28-July 1.

- R. L. Baldwin - Hormonal Regulation of Rat Mammary Gland Enzyme Activities and Metabolite Patterns.
- D. L. Bath - Feeding and Management Practices Related to Labor Income in New York Dairy Farms.
- G. S. Goble - A Guide for Extension Workers in Establishing a Milk Quality Program.
- F. D. Murrill - California Physical Traits Program (Invitational).
- C. L. Pelissier - Factors Contributing to Low Breeding Efficiency in Dairy Herds.
- Nate Smith - Relationship of Methane Production to Volatile Fatty Acid Production.
- R. L. Baldwin and Nate Smith - Intermediary Aspects and Tissue Interactions of Ruminant Fat Metabolism (Invitational).
- Juan Romero - Milk Supply in Chile (Invitational).

Sonoma County Farm Advisor Nelson "Doc" Adams will present two papers at the ASAS meetings at Pennsylvania State University; one is entitled "Muscle-bone and Muscle-fat ratios for Beef", and the paper to be given at the sheep section is entitled "Composition and Cross-sectional View of Lambs".

Farm Advisors Sedg Nelson, Siskiyou County, and Cecil Pierce, Modoc County, will be presenting papers at the Western Section meetings at Utah State University, Logan. Sedg's paper is entitled "Effect of Cartration Method, Sex and DES Implants on Cattle Performance", and Cecil Pierce will report on the work he has done at the University of Nevada utilizing high-quality alfalfa. Sedg will also participate in a panel presentation with Jim Clawson and Jim Elings at a specialist workshop following the Society meetings on the economic problems of the range livestock industry.

FLASH - Just learned that Lee Baldwin received the American Feed Manufacturers Award at the American Dairy Science Association Annual Meeting in Florida on July 1. Lee can polish the plaque while Mary Ellen cashes the check.

The dept. recently succeeded in surprising Carlene Blaylock with a get-together for refreshments in celebration of her completion of 15 years' service in the department. She has been in this dept. since she graduated from Dixon High School in 1955.

Efrain Robles Usser formerly of this dept. was recently married to Patricia Jean Lyons in San Rafael, Calif. Omar Sanchez was one of the ushers.

VISITORS

Ian D. Hume, currently a post-doctoral at the University of Kentucky visited the dept. on June 18 and 19.

OTHER NEWS

Although we did not top the Suffolk sale as in the past two years, the Animal Science Dept. received \$2,275 for 11 suffolk rams at the recent California Ram Sale at Stockton, compared to the overall sale average of \$144 per head. U.C.'s single ram went for \$425 to Harvey Blodsett. In addition, sons and grandsons of U.C. rams sold for \$1000, \$850 and \$475. All of these rams trace to a herd sire used in the U.C. flock which Bob Finley had selected as a 4-month old ram lamb from the Oregon State University Flock. All carry seven generations of U.C. breeding on the dam's side.