



Sierra Foothill Range Field Station is one of the newest field stations of the Agricultural Experiment Station, having been brought into operation only about 10 years ago. It is located in Browns Valley near Marysville, Yuba County, and the ranch headquarters is on Long Bar Road. The 5,000 acres of brush and oak-covered rolling hills are typical of the Sierra foothill range county. Research projects at the station have involved studies with range cattle, wildlife, brush conversion, reseeding, fertilization, grazing management, and watershed studies. University departments active in research at the station include: Agronomy and Range Science, Agricultural Engineering, Agricultural Economics, Animal Science, Zoology, Botany, School of Forestry and Conservation, School of Veterinary Medicine, and the Department of Water Science and Engineering.

SIERRA FIELD

PROJECTS CURRENTLY UNDERWAY (AND THE RESEARCHERS INVOLVED) AT THE SIERRA FOOTHILL RANGE FIELD STATION:

SYSTEMS OF MAXIMIZING BEEF PRODUCTION—Project Leader: J. L. Hull, Specialist, Department of Animal Science, Davis. Cooperators: M. Ronning, Prof.; and J. G. Morris, Assoc. Prof., and Assoc. Nutritionist, Department of Animal Science; and C. A. Raguse, Asst. Prof., Department of Agronomy and Range Science, Davis.

MINERAL METABOLISM OF HERBIVOROUS ANIMALS—Project Leader: J. G. Morris. Cooperators: J. L. Hull; A. Aguirre, Staff Research Assoc.; and R. Delmas, Staff Research Assoc., Department of Animal Science, Davis, and Sierra Foothill Range Field Station.

GROWTH, DEVELOPMENT, AND MANAGEMENT OF WEANER CALVES AND COWS UNDER RANGE CONDITIONS—Project Leader: J. L. Hull. Cooperators: J. G. Morris; and K. A. Wagnon, Specialist, Department of Animal Science, Davis.

MANAGEMENT STRESS INTERACTIONS IN RANGE BEEF CATTLE REPRODUCTION—Project Leader: K. A. Wagnon. Cooperators: F. D. Carroll, Prof.; P. T. Culls, Prof.; and W. C. Rollins, Prof., Department of Animal Science, Davis.

USE OF ANIMAL FORAGE AND WATER RESOURCES IN FOOTHILL COW-CALF BEEF PRODUCTION—Project Leader: C. A. Raguse. Cooperators: J. L. Hull and J. G. Morris.

RANGE AND WILDLAND DEVELOPMENT EMPLOYING THE KNOWLEDGE ON GROWTH, IMPROVEMENT, AND CULTURE TO RANGE AND WILDLAND PLANTS FOR ENHANCEMENT OF MAN'S FOOD SUPPLY, OUTDOOR RECREATION, AND ENVIRONMENT—Project Leader: B. L. Kay, Specialist, Department of Agronomy and Range Science, Davis. Cooperators: R. A. Evans and J. A. Young, USDA, University of Nevada, Reno; M. B. Jones, Department of Agronomy and Range Science, Hopland Field Station; and the late W. E. Martin, Agricultural Extension Service, Davis.

INTRODUCTION, ADAPTATION, AND MULTIPLICATION OF DOMESTIC AND FORAGE PLANTS USEFUL ON RANGE WILDLAND AND RECREATIONAL AREAS—Project Leader: Beecher Crampton, Prof., Department of Agronomy and Range Science, Davis.

INTEGRATED CONTROL OF FLIES AND THE ROLE OF DUNG-INHABITING INSECTS IN THE NATURAL RECYCLING OF DUNG IN PASTORAL-WILDLANDS ECOSYSTEMS—Project Leader: John R. Anderson, Prof., Department of Entomology and Parasitology, Berkeley. Cooperators: C. A. Raguse, J. L. Hull, and Richard Merritt, Graduate N.I.H. Trainee, Department of Entomology and Parasitology, Berkeley.

A STUDY OF FLORA AND FAUNA AT SIERRA FOOTHILL RANGE FIELD STATION—Project Leader: Kenneth B. Zamvil, Graduate Student, Department of Psychology, Davis. Cooperators: Donald Owings, Asst. Prof., Department of Psychology, Davis; Robert L. Rudd, Prof., Department of Zoology, Davis; and Robert G. Schwab, Asst. Prof., Department of Animal Physiology, Davis.

Joseph P. Guild is Station Superintendent.



Field day lunch (top photo, and cover) is a good social occasion at Sierra Foothill Range Field Station. Left photos show a tour group observing range demonstrations and listening to field lectures.



FOOTHILL RANGE STATION

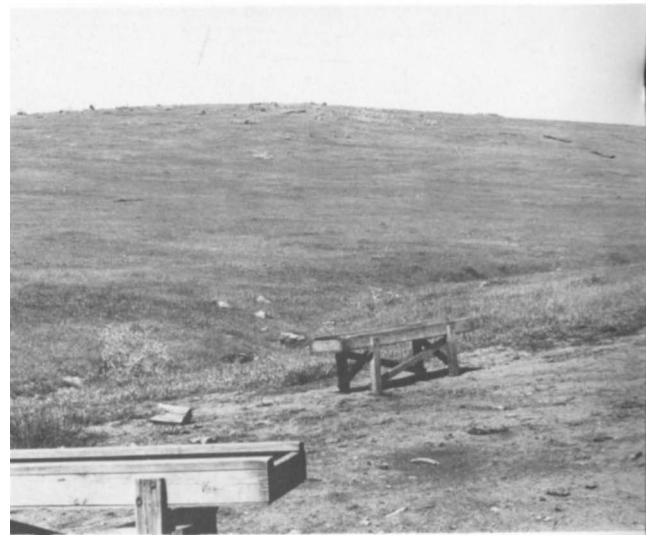
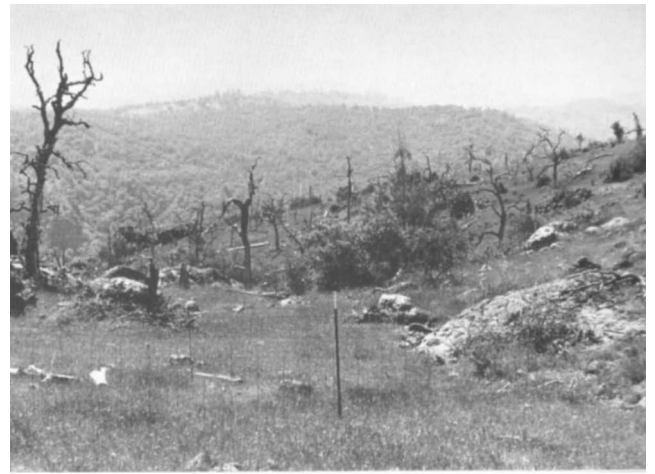


Beef cattle at the Station grazing on Scott irrigated pasture (photo above). New beef cattle buildings and facilities near the station headquarters are shown in photo below.



CALIFORNIA AGRICULTURE, MARCH, 1972

Photos to right look south from Forbes Field near the Station boundary and show (above) stumps and brush after burning but before clearing, and (below) rangegrass covering cleared area with typical brush and oak-covered hillside (before brush conversion) in background.



Forbes Field looking north showing cleared range with good grass cover typical of the brush conversion areas at the Station.



Redwood storage tanks used for livestock waterers at the Station.