

Emerging Technologies and Challenges in Veterinary Entomology

John R. Anderson

Department of Entomological Sciences, University of California,
Berkeley, CA 94720

VETERINARY ENTOMOLOGY REPRESENTS a relatively newly-specialized discipline, closely-linked to medical entomology; because of considerable overlap many workers consider these two fields inseparable. In the United States, veterinary entomology began emerging as a distinctly recognizable, commodity-focused discipline in the early 1900's when U. S. Department of Agriculture entomologists such as L. O. Howard, F. C. Bishop, C. L. Marlatt and M. Imes conducted pioneering basic and applied research directed at control of such insects as the house fly, horn fly, stable fly, cattle warble fly, and various lice- all livestock insect pests introduced from Europe. A significant applied achievement that boosted veterinary entomology was the outstanding success of the cattle tick eradication program carried out by the USDA, Bureau of Animal Industry from 1906-1943, when the cattle tick, *Boophilus annulatus* (Say) finally was eradicated from the U.S. (Graham & Hourrigan 1977).