

NOCTURNAL BEHAVIOR OF WHITE-TAILED DEER
IN THE HATTER CREEK ENCLOSURE

A Thesis

Presented in Partial Fulfillment of the Requirements for the

DEGREE MASTER OF SCIENCE

Major in Wildlife Management

In the

UNIVERSITY OF IDAHO GRADUATE SCHOOL

By

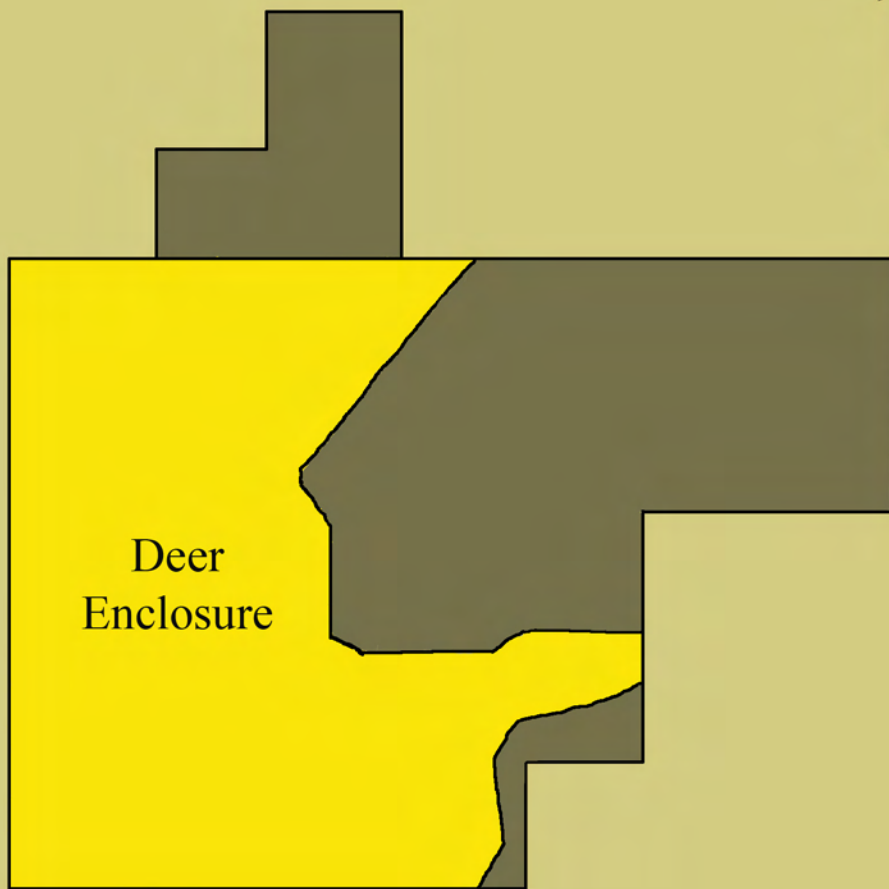
Harold Lee Gladfelter

July, 1966

Abstract

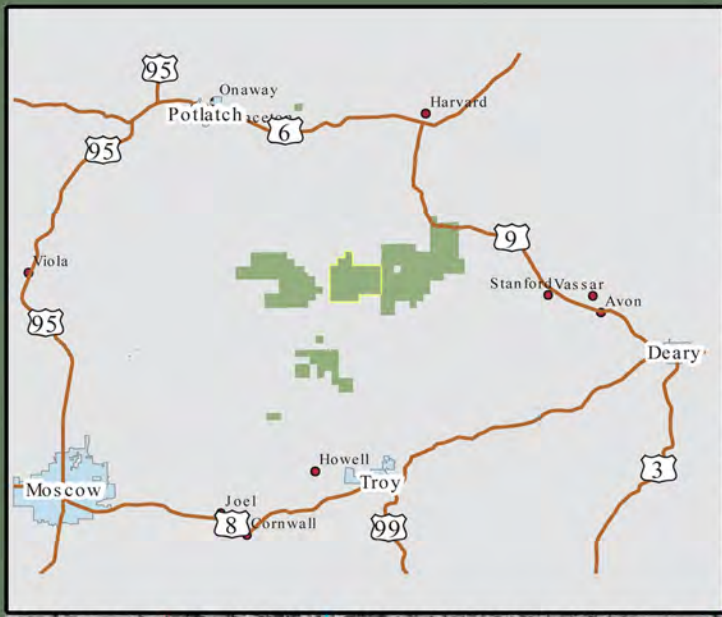
The nocturnal behavior of white-tailed deer was studied in the 800-acre Hatter Creek deer enclosure in northern Idaho. Techniques used for locating and observing the deer at night were small neon blinkers and sheep bells which had been attached to collars on captured deer, an infrared sniperscope, electronic counting devices used for movement studies, and observation perches used for direct observation of behavior. The nocturnal movement of deer was greater in the evening than in the morning and was related to change in light intensity after sunset and before sunrise. The length of the nocturnal activity periods was related to decreases in temperature and increases in humidity. Nocturnal feeding activity decreased from summer to winter and was accompanied by decreasing monthly mean temperatures. The bedding activity increased from summer to winter with bedding activity in the winter occurring the greater part of the night. However, bedding periods were interrupted with short feeding periods.

East Hatter Creek Unit Map
1987



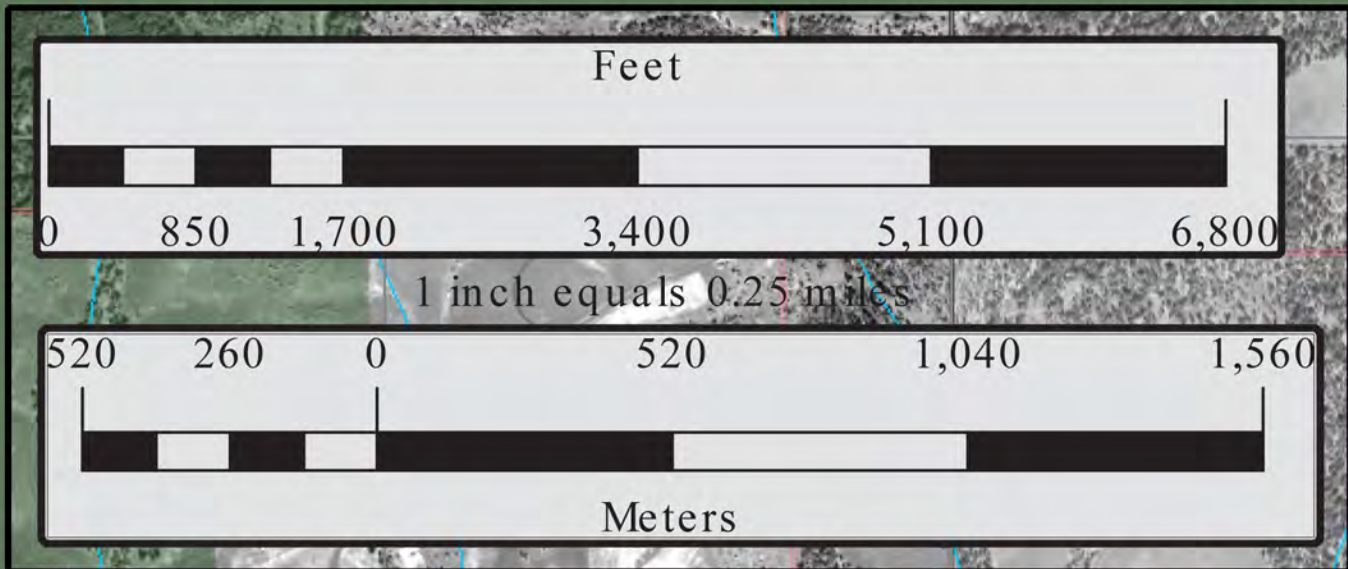
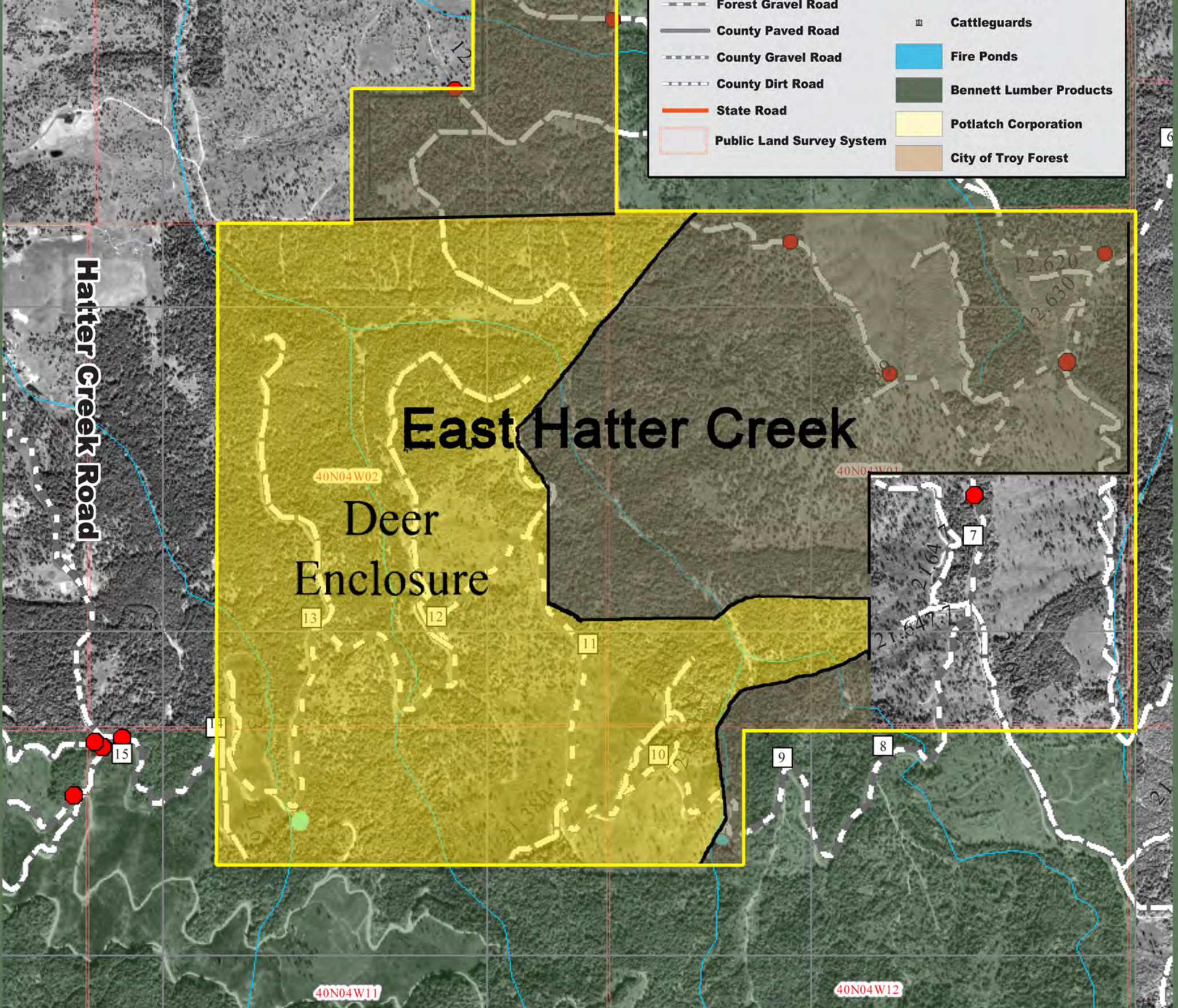
University of Idaho Experimental Forest

Scale: 1:24,000



UI Experimental Forest Administrative Map 2004

- | | |
|---------------------------|-------------------------|
| Running Surface Water | Forest Gates |
| Railroad Grade | CB Mile Markers |
| Forest Gravel Road | Cattleguards |
| County Paved Road | Fire Ponds |
| County Gravel Road | Bennett Lumber Products |
| County Dirt Road | Pottlatch Corporation |
| State Road | City of Troy Forest |
| Public Land Survey System | |



East Hatter Creek



Location of Complete Research:

Author & Title: Gladfelter, Harold Lee
Nocturnal Behavior of White-Tailed Deer in the Hatter Creek
Enclosure

University of Idaho Library:

Call Number- SK301.G54 1966

College of Natural Resources:

Department- Wildlife

Other Sources: