

Will, Gary C.

1972. Studies of northern Idaho white-tailed deer, 1969-1971.
Ph.D. Thesis, University of Idaho. 40 p.

Reference Location:

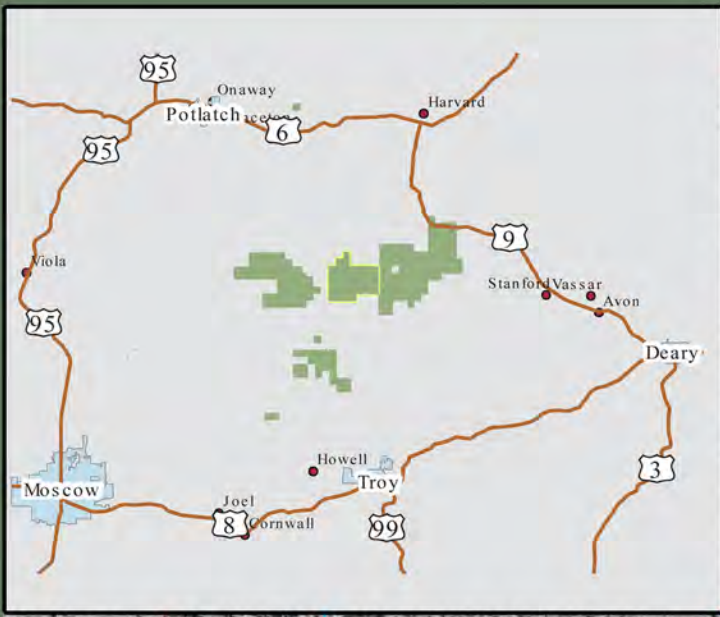
QL 737 V55 W5

Experimental Forest Unit:

East Hatter Creek

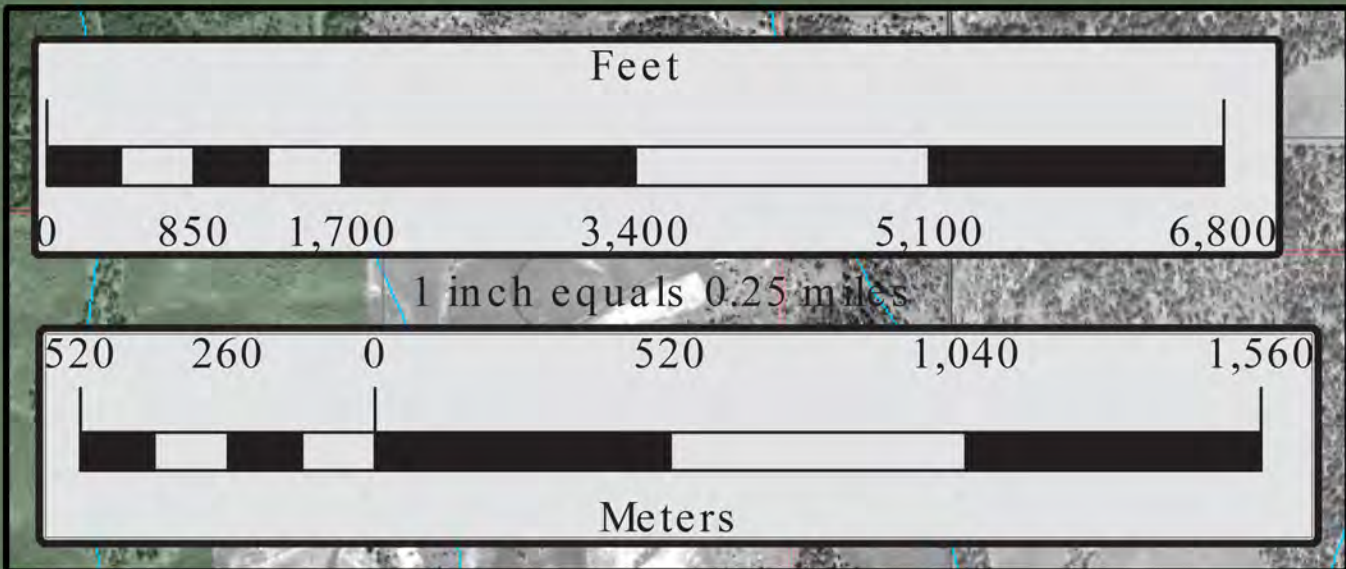
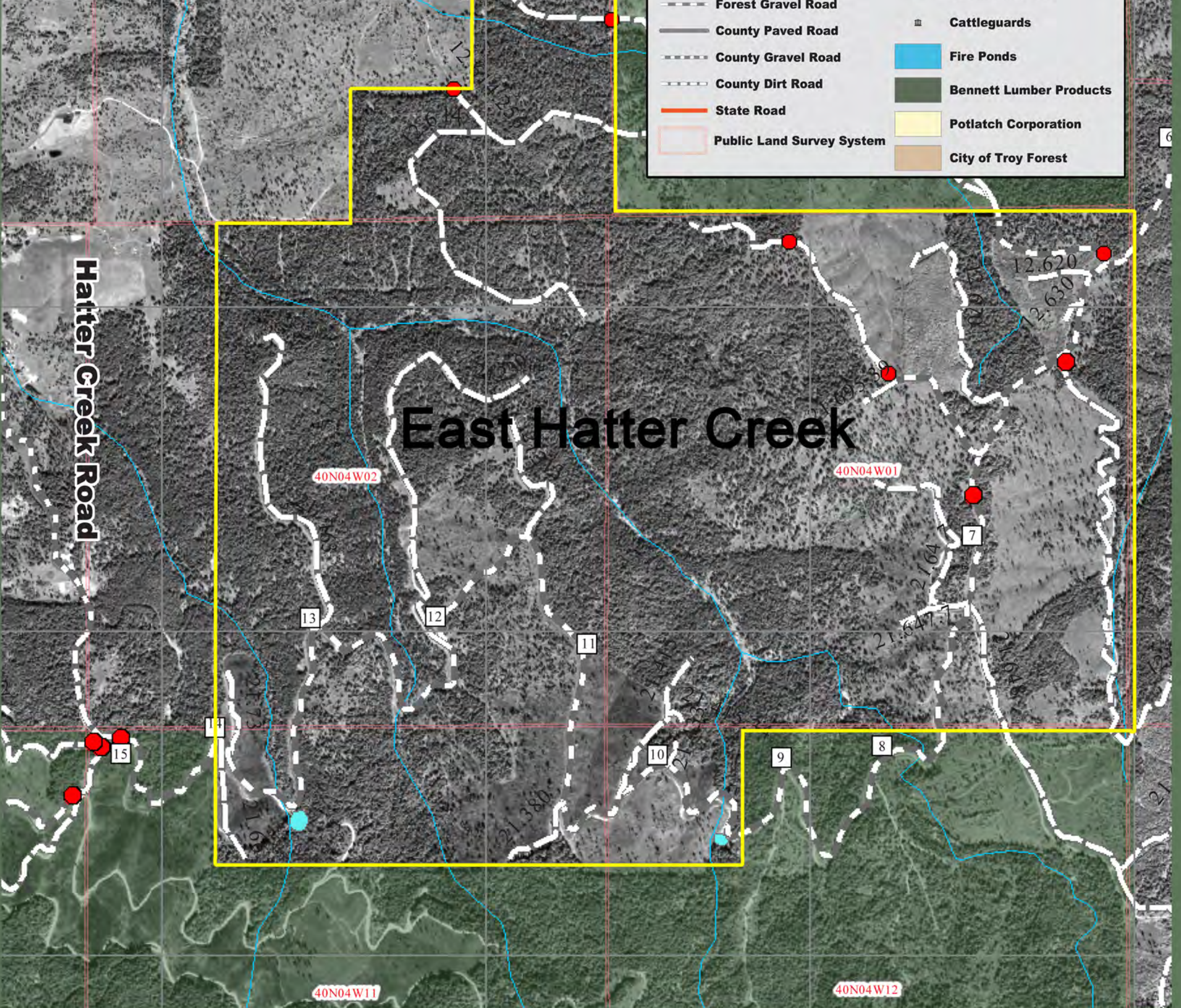
Summary:

Studies on the white-tailed deer are presented in two parts: population characteristics and hunting success. The reproductive biology and harvest of white-tailed deer (*Odocoileus virginianus ochrourus* Bailey) were studied in northern Idaho from 1969 to 1971. Check station data and life tables showed that hunters selectively killed bucks. Reproductive performance was estimated from a sample of 32 does; an average of 2.00 ± 0.64 ova were produced per ovulating doe. Mortality of oocytes averaged 9 percent. The reproductive performance for all age classes was estimated at 1.42 fawns per doe. Spotlight counts showed that does lost an average of 0.6 fawns by fall. The estimated herd increase during the fawning period was 86 percent. Productivity measured at birth and again before the hunting season was 46 ± 10 and 30 ± 6 percent, respectively. Because some samples were small, the estimates of productivity may not be completely representative of northern Idaho white-tails. Hunting success on deer in an 800 acre enclosure is compared with the hunting success on an adjacent free-ranging herd. Deer density in both areas approached 30 per square mile. Hunting success and the average hunting times expended in killing deer were comparable; success was near 5 percent and hunters killed a deer about every 100 hours. Low hunting success in northern Idaho is attributed to unskilled hunters and not to low deer density.



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: **Will, Gary C.;**
Studies of Northern Idaho White-tailed deer
(1969)

University of Idaho Library:

Call Number- **QL 737 U55 W5**

College of Natural Resources:

Department- **Wildlife**

Other Sources: