

Introduction
• 58% of human pathogens are zoonotic diseases.1
Rabies is almost 100% fatal but 100% preventable. >55,000 people die annually.²
• \$300 Million/Year – Rabies prevention and control in U.S. ³
Raccoons thrive in human environments (urban & rural). ⁴ Highly adaptable, charismatic, abundant species. Primary reservoir for several zoonoses. #1 Carrier of rabies in the U.S. ²
CONTROL AND PREVENTION 2

Introduction 90% of rabies cases in the U.S. involve wildlife (primarily raccoons, bats, skunks).⁵ Close association between raccoons and humans creates greater risk for exposure. >39,000 people each year receive PEP.⁶ USDA manages raccoon rabies with Oral Rabies Vaccine (ORV) baiting. Other Zoonotic Diseases Leptospirosis Raccoon Roundworm

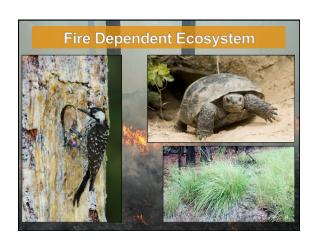
Introduction ORV baiting currently conducted in 14 eastern states. Little known about effects of ORV on raccoon behavior – home range shift, social structure, etc. Can the findings from this study provide management implications for other zoonotic diseases?

Giardia

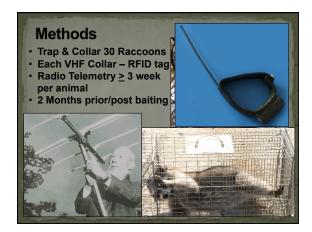




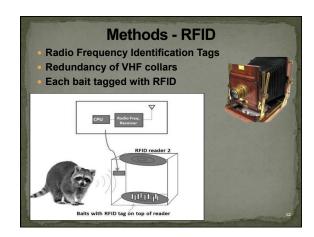


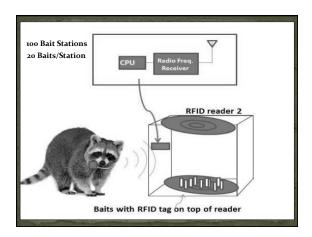




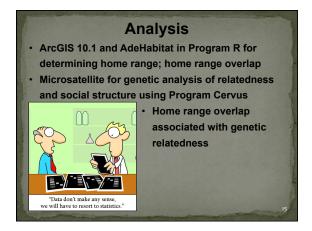
















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