Radio Telemetry for Conservation Research

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Telemetry Technologies

• GPS
• Satellite
• Radio
Radio Telemetry Specs

- 10- to 15-mile range with most equipment
- Line-of-sight required
What Does Radio Telemetry Tell Us?

• Who is/is not out there?
• Home range
• Habitat use
• Den location
• Dispersal
• Intra- and inter-species interaction
• Carcass retrieval
Radio Gear - Transmitter

- Antenna
- Power supply
- Weather proofing
- Size/weight appropriate to animal
- Mount (backpack, collar, ear tag, implant)
Radio Gear - Receiver

- One- or two-piece configuration
- Antenna
- Power supply
- Electronics
- Mount (handheld, vehicle, airplane)