

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)



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