

**NON-INVASIVE SAMPLING
Hair Collection Protocol**

1. Wear laboratory gloves at all times during the collection.
2. Sterilize instruments between samples (i.e. washing with ethanol).
3. If an animal is present and it is not possible to collect tissue or blood, pull hair from the animal ensuring that the hair has a follicle attached.
4. If an animal is not present, carefully collect all hair from source (i.e. barbed-wire fence), keeping different clumps that may represent different animals separate. Please remember that our best chance at getting DNA is from hairs with follicles attached!
5. Place hairs in a paper envelope and label each envelope with field ID and collector name. On data sheet, refer to field ID and include pertinent information about sample.
6. Please collect at least 10 hairs per individual if possible (more is better!).
7. Please send samples as soon as possible to the lab at NWRC:

National Wildlife Research Center
Attn: Toni Piaggio or Melissa Neubaum
4101 LaPorte Ave.
Ft. Collins Co 80521-2154
970-266-6142

SAMPLE COLLECTION DATA SHEET

Date: _____ Sample Collected By: _____ Field ID: _____

Locality Information (i.e., UTM, Lat/Long, location description): _____

Sample type (i.e., blood, tissue, hair): _____ Species: _____ Sex: _____ Age: _____

Any other important information about individual (i.e. pack, condition of animal): _____

What would you like the genetics lab to do (i.e. species ID, individual ID, relatedness to other animals, genotype for database, detection of hybrid, etc.)? _____

Additional Notes: _____

****Please label sample with field ID and collector name****