

Survey Protocol

Before you leave the vehicles

- Fill out the COVER SHEET
- Set the GPS to show your transect on the map screen
- Assign people roles
- Do an opening circle

When you find tracks or sign

- Take a waypoint
- Record the information asked for on the SPECIES LOG SHEET

For everything except common prey species:

- Take pictures of both the tracks and the trail; or for sign, a close up and a larger view.
 - Be sure to include a scale measurement.
 - Make sure the pictures are date-stamped with the time the picture was taken; or if you can't do this, follow one of the other methods for keeping the pictures and waypoints together
- Fill out a track log

For common prey species:

- Only take a picture and fill out a track log on a sub-set of the trails, approximately 1 in every 5.

For all target species

- Do as above except make doubly sure you are taking good pictures and describing it well!

For primary target species (wolverine, wolves, red fox):

- Do everything described above
- Leave the transect and follow the trail as long as you can, looking for genetic samples (scat, hair, urine, blood). Set the GPS to record your route when you begin; save your route when you stop.
- For wolverine, CALL Cascadia Wild so that a biologist can follow up with the sighting!

If you survey an area not on the transect

- Set the GPS to record the route you travel
- Fill out the species information separately on the log sheet labeled "OFF-TRANSECT"
- Save the route you traveled on the GPS when you are done

At the end of the survey

- Fill in the SUMMARY SHEET

continued on back

- Double check that any routes on the GPS are saved
- Do a closing circle
- Get gear and snopark passes back from everyone

Back in Portland

- Call your safety person and let them know you have returned safely.

NOTES:

- Don't record a species unless you are 99% sure of the identification
- Record unknowns on the species log sheet; you don't need to take a picture or fill out a track log
- If you see multiple trails in a short distance, use your judgment as to whether to record it as one or many
- The proximal pad is an additional heel pad that shows behind the first heel pad on some species, such as on the front feet of mustelids.
- Measure stride as the distance from one foot to where that same foot lands again, from the same spot on the foot both times.