

Date:			Temp:			Time Start:		Route:					
Weather:			Name:			Time End:		Other Notes:					
Species	Time Found	Status (e.g. AOR, DOR)	Fresh /Old	Size (cm)	Sex	Location or Waypoint, or description		Habitat 1	Habitat 2	Where found on road	Road lane (e.g. EB)	Direction	Comments
						Lat/civ-east	Long/civ-north						

Note datasheet developed by Eco-Kare International as modified from Wildlife on Roads program: <https://inaturalist.ca/projects/wildlife-on-roads-in-ontario>, please contact kegunson@eco-kare.com for questions.

Key to datasheet

Field	Categories	Comments
Weather	temperature, cloud cover, precipitation, and wind speed	24 hour or 48 hour previous weather. Wind speed using the Beaufort scale that varies from calm, breeze to storm.
Time	24 hour or 12 hour AM/PM	These fields describe survey effort and can assist with interpreting data
Route Surveyed	Name of road	Describe the surveyed route, e.g. effort
Species	English or latin name	If species unknown then list group name (e.g. frog, small mammal).
Time Found	24 hour or 12 hour AM/PM	Can also extract this from waypoint reading
Status	Alive-on-road (AOR), dead-on-road (DOR), injured-on-road (IOR)	If species is injured, then phone the necessary assistance; if a possible SAR, phone closest biologist for Identification
Age, sex, and size	Adult, juvenile, hatchling, neonate; male, female	Describe type of size measurement in other notes
Describe animal carcass remains	Example: Fresh, or old (with maggots, desiccated or skeletal)	Define these categories for the study; generally fresh occurred in the last 24 hours and there is no decomposition; time of occurrence essential for fresh and AOR observations.
Location	Geographic co-ordinates or also location description, i.e. distance to nearest landmark	Use geographic coordinates in decimal degrees with a modern map datum (WGS84 or NAD83) if collecting data across large area otherwise can use Universal Transverse Mercator (UTM), but need to record zone; Can extract from waypoint or phone metadata, however best to also write it down because these are not always 100% reliable; if using cell phone or hand-held then have device on for a while to record satellites.
Habitat adjacent to both sides of road	Example: Forest, wetland, open water, agriculture, residential, built-up	Broad or specific categories depending on objectives, specific categories could refer to Ecological Land Classifications; define scale used to define habitat.
Where found on road	Middle of lane or road, road edge, or shoulder	This field is important to quantify intentional road-kill; but also where animals get hit on roads.
Road lane	EB, WB, NB, SB	If only one lane road not applicable.
Direction	Heading E, W, S, N	Direction animal is moving, most applicable for AOR or when carcass is flattened on road in its initial position
Comments	Details not captured by other fields also see other notes	Comments will depend on objectives of study, i.e. describe scene where animal found; road type (gravel or paved); picture ID; carcass/animal marked; sample obtained; unique ID; behaviour if AOR or IOR