

15.0 Appendix A

Table A1. Metadata crosswalk table showing the corresponding fields used in this Alberta Metadata Standard (2023), and other standards used in Western Canada. An asterisk (*) denotes an optional field. Hierarchical levels are shown in bold font above each section.

Alberta Metadata Standards (2023)	<u>B.C. Metadata Standards</u> (RISC, 2019)	<u>WildTrax</u>	FWMIS	<u>Wildlife Insights Minimum Metadata Standards</u> (Ahumada et al., 2019)
Project				
Project ID	Project Identification Number	Project Name	Project ID (auto populated)	Project ID
Project Coordinator	Project Coordinator	Project Coordinator	Project Administrator	Project Admin
Project Coordinator Email	-	Project Coordinator Email	Project Administrator, User Email	Project Admin Email
Project Description	Location Description, Project Objectives	Project Description	*Purpose and Methods	Project Stratification/Project Stratification Type
Study Area				
Study Area ID	Study Area Name	Study Area ID	-	Subproject Name
Study Area Description	Study Area Description	Study Area Description	*Purpose and Methods	Subproject Design
Survey				
Survey ID	Survey Name	Survey ID	-	-
Survey Objectives	Survey Objectives	Survey Objectives	*Purpose and Methods	Project Objectives
Target Species	Target Species*	Target Species		Project Species/Project Species Individual
Survey Design	Project Objectives	Survey Design		Project Sensor Layout / Project Sensor Cluster
*Survey Design Description	Project Objectives	Survey Design Description		-
Event Type	-	Event Type	-	Project Type
Sample Station				
Sample Station ID	Sample Station Label*, Nested in Sample Station*	Sample Station ID	-	Subproject Name

Remote Camera Metadata Standards - Version 2.0

Alberta Metadata Standards (2023)	B.C. Metadata Standards (RISC, 2019)	WildTrax	FWMIS	Wildlife Insights Minimum Metadata Standards (Ahumada et al., 2019)
Camera Location				
Camera Location ID	-	Camera Location ID	Location ID (auto populated)	Location ID
Latitude Camera Location	Easting or Longitude Sample Station	Latitude	Latitude	Latitude
Longitude Camera Location	Northing or Latitude Sample Station	Longitude	Longitude	Longitude
Northing Camera Location	Northing or Latitude Sample Station	UTM/TTM Northing	-	-
Easting Camera Location	Easting or Longitude Sample Station	UTM/TTM Easting	-	-
UTM Zone Camera Location	UTM Zone Sample Station	UTM Ref Meridian	-	-
GPS Unit Accuracy (m)	-	Precision (m)	-	-
Camera Location Comments	Sample Station Comments and Camera Comments	Location Comments	*Location Comments	-
Deployment				
Deployment ID	Deployment Name	Deployment ID	Location, Image Set Start Date	Deployment ID
Deployment Crew	Crew Members	Crew Names, Crew Type	*Crew Name(s)	Recorded By
Service/Retrieval Crew				-
Deployment Start Date Time (DD-MMM-YYYY HH:MM:SS)	Deployment Start Date	Deployment Start Date Time (DD-MMM-YYYY HH:MM:SS)	*Visit Date (YYYY-MM-DD)	Camera Deployment Begin Date
Deployment End Date Time (DD-MMM-YYYY HH:MM:SS)	Deployment End Date	Deployment End Date (DD-MMM-YYYY HH:MM:SS)	*Visit Date (YYYY-MM-DD)	Camera Deployment End Date
Visit Comments	Deployment Comments	Visit Comments	*Visit Comments	Event Description/Event Type/Bait Description
Camera ID	Camera Label	Camera ID	*Equipment Code	Camera ID
Camera Make	Camera Make and Model	Camera Make	Equipment Make	Make
Camera Model		Camera Model	Equipment Model	Model
Camera Serial Number	-	Camera Serial Number	Equipment Serial Number	Serial Number

Alberta Metadata Standards (2023)	<u>B.C. Metadata Standards</u> (RISC, 2019)	<u>WildTrax</u>	FWMIS	<u>Wildlife Insights Minimum Metadata Standards</u> (Ahumada et al., 2019)
Trigger Mode(s)	-	Trigger Mode(s)	*Visit Trigger Mode(s)	Project Sensor Method
*Video Length (seconds)	Video Length Setting	Video Length (seconds)	-	-
Trigger Sensitivity	Trigger Sensitivity Setting	Trigger Sensitivity	-	-
Photos Per Trigger	Photos per Trigger Setting	Photos Per Trigger	[from image metadata; Image Exif Sequence]	-
Motion Image Interval (seconds)	-	Motion Image Interval (seconds)	*Visit Motion Image Interval (seconds)	-
Quiet Period (seconds)	Quiet Period Setting	Quiet Period (seconds)	*Visit Quiet Period (seconds)	Quiet Period Setting
Camera Height (m)	-	Camera Height (m)	*Equipment Height (m)	Height
*Camera Direction (degrees)	-	Camera Direction (Bearing degrees)	*Equipment Direction (degrees)	-
*Stake Distance (m)	-	Stake Distance (m)	*Stake Distance (m)	-
FOV Target Feature	Deployment Feature	FOV Target Feature	*Target Feature	Project Sensor Layout Targeted Type
*FOV Target Feature Distance (m)	-	FOV Target Feature Distance (m)	-	-
Bait/Lure Type	Bait Lure Type	Bait/Lure Type	*Bait/Lure Type	Project Bait Use / Bait Type
*Camera Location Characteristic(s)	Deployment Feature	Camera Location Characteristics	*Landscape Feature(s)	Feature Type
*Walktest Distance (m)	-	Walktest Distance (m)	*Walktest Distance (m)	-
*Walktest Height (m)	-	Walktest Height (m)	*Walktest Height (m)	-
Image Set Start Date Time (DD-MMM-YYYY HH:MM:SS)	-	Image Set Start Date Time (DD-MMM-YYYY HH:MM:SS)	Image Set Start Date Time (YYYY-MM-DD HH:MM:SS)	-
Image Set End Date Time (DD-MMM-YYYY HH:MM:SS)	-	Image Set End Date Time (DD-MMM-YYYY HH:MM:SS)	Image Set End Date Time (YYYY-MM-DD HH:MM:SS)	-
*Deployment Image Count	-	Deployment Image Count	Image Set Total Image Count	-
Image/Sequence				
Image ID	Sequence/Image ID	Image ID	Image ID (auto populated)	Image ID

Remote Camera Metadata Standards - Version 2.0

Alberta Metadata Standards (2023)	B.C. Metadata Standards (RISC, 2019)	WildTrax	FWMIS	Wildlife Insights Minimum Metadata Standards (Ahumada et al., 2019)
Sequence ID		Sequence ID	-	External Sequence ID
Analyst	Surveyor	Analyst	Observer, Observer ID (auto populated)	Photo Type Identified by
Species	Species	Species	Species Scientific Name	Species/Project Blank Images
Individual Count	Count	Individual Count	Individual Count (tag level)	Number of Objects
Age Class	Life Stage and Sex Classes*	Age Class	*Age Class (tag level)	Age
Sex Class		Gender Class	*Sex Class (tag level)	Sex
Behaviour	Behaviour	Behaviour	*Behaviour(s) (tag level)	-
Animal ID	Animal ID	Image/Sequence Comments	*Health/Disease(s), *Coat Colour(s), *Coat Attribute(s), *Collar (Y/N), *Ear Tag (Y/N), *Antler Tine Attributes (Antler Location, Tine Count, Tine Count Precision) (all Tag level)	Individual ID/Project Individual Animals
Human Transport Mode/Activity	Human Transport Mode, Human Use Type*	Human Transport Mode/Activity	-	-
Image/Sequence Comments	Comments	Image/Sequence Comments	*Tag Comments, *Image Comments	Individual Image and Animal Notes
*Image Trigger Mode	-	Image Trigger Mode	*Image Exif Trigger Mode	-
*Image Sequence	-	Image Sequence	*Image Exif Sequence	-
*Image Infrared Illuminator	-	Image Infrared Illuminator	-	-
*Image Flash Output	-	Image Flash Output	-	-
Image/Sequence Date Time (DD-MMM-YYYY HH:MM:SS)	Sequence/Image Start Date, Sequence/Image Start Time	Image/Sequence Date Time (DD-MMM-YYYY HH:MM:SS)	Image Date/Time (YYYY-MM-DD HH:MM:SS)	Date Time Captured

Note: The [B.C. Metadata Standards](#) (RISC, 2019) also contain the following fields not found in the Alberta Metadata Standards (2023): Publish Date, Funding Agency*, Project Start Date, Project End Date*, Region, Wildlife Permit Number*, Survey Start Date, Deployment Photos*, Number of Camera*, Camera Days, Sequence/Image Temperature and Sequence Definition