

Terrestrial T26D Breeding Birds (ARU) Abiotic Raw Data Metadata

Rotation

Unique ID	T26D_IC00001
Attribute Definition	Reference describing when data was collected at a broad level (i.e., Prototype, Rotation 1, Rotation 2). The rotation number indicates the visit number (i.e. 1 = first visit, 2 = second visit or first revisit).
Value Type	Text
Code	Prototype = 2003--2006 Rotation 1 = 2007 onward Rotation 2 = 2015 onward

ABMI Site

Unique ID	T26D_IC00003
Attribute Definition	Reference number given to each ABMI data collection site. An alphabetized suffix distinguishes a new site from the old site(s). Off grid data collection sites are appended with an OG prefix, 2-5 letter project code prefix, and a 1-2 digit suffix.
Value Type	Number
Format	1-4 digits & 1 letter (if necessary); OG & 2-5 letter prefix, 1-4 digits, and 1-2 digit suffix
Range	1-1656; OG & 2-5 letter prefix (if applicable)

Year

Unique ID	T26D_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

Quadrant

Unique ID	T26D_IC01279
Attribute Definition	Indicates the quadrant where data were collected i.e. northeast, southeast, southwest, northwest. The addition of a 'b' to the quadrant code indicates that the ARU was moved to a new location during the season. The presence of a number (1-4), corresponds to the T01B Site Suitability Collection Methodology 3 (Linear Off-Grid ARU points).
Value Type	Code

Format	2-letter code (UPPERCASE)
Code	NE = Northeast quadrant SE = Southeast quadrant SW = Southwest quadrant NW = Northwest quadrant 1 2 3 4
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Identification Date

Unique ID	T26D_IC00192
Attribute Definition	Day, month, and year data was analyzed by specialist.
Value Type	Date
Format	DD-Mon-YY
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Identification Analyst

Unique ID	T26D_IC00012
Attribute Definition	Initials for the technicians/specialists identifying the specimens.
Value Type	Code
Format	2-3 letter code (UPPERCASE) and 1 digit if necessary
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Method

Unique ID	T26D_IC01183
Attribute Definition	Refers to the type of listening method
Value Type	Code
Code	11 = 3 minute full analysis 12 = 1 minute full analysis no visual scan 13 = 1 minute full analysis with fixed-time 14 = 3 minute full analysis with fixed-time

Rain

Unique ID	T26D_IC01185
Attribute Definition	Classification level of background abiotic noise detected by the Autonomous Recording Unit in the recording.
Value Type	Code

Code	0 = No rain present on track. 1 = Light rain present on track - affects the ability to hear distant/faint species, drops seldom hit microphones. 2 = Moderate rain present on track - affects the ability to hear nearby species, drops often hit microphones. 3 = Heavy rain present on track - significantly affects the ability to detect species, drops very frequently hit microphones.
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Wind Conditions

Unique ID	T26D_IC01184
Attribute Definition	Classification level of background abiotic noise detected by the Autonomous Recording Unit in the recording.
Value Type	Code
Code	0 = No wind present on track 1 = Light wind present on track - usually hear rustling leaves/trees creaking 2 = Moderate wind present on track - begins to muffle microphones 3 = Heavy wind present on track - always muffles microphones, frequency and decibel graphs spike constantly
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Industrial Noise

Unique ID	T26D_IC01186
Attribute Definition	Classification level of background abiotic noise on recording.
Value Type	Code
Code	0 = No industrial noise present on track. 1 = Faint industrial noise present on track (a distant truck, a low hum from a processing plant) - affects distant/faint species detection. 2 = Moderate industrial noise present on track (a pump-jack whirring nearby, significant noise from processing plants) - begins to affect species detection. 3 = Heavy industrial noise present (trucks driving by the recorder, loud processing plants, plane flying overhead) - significantly affects ability to detect close-range species.
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Background Noise

Unique ID	T26D_IC01187
Attribute Definition	Classification level of background noise noted on the recording that is not identified as wind, precipitation or industry.

Value Type	Number
Code	0 = No background noise detected. 1 = Faint background noise present (e.g. running water not close to recorder; distant thunder rumble) - affects detection of distant/faint species. 2 = Moderate background noise present on track (e.g. moderately loud water) - begins to affect detection of closer species. 3 = Heavy background noise present (e.g. running water or rapids very close to recorder; mosquito sitting on top of the microphone) - species difficult to detect even if present.
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Recording Date

Unique ID	T26D_IC01274
Attribute Definition	Day, month, and year data was recorded.
Value Type	Date
Format	DD-Mon-YY

Recording Time

Unique ID	T26D_IC01275
Attribute Definition	Time of day recording was taken (24 hr clock).
Value Type	Date
Format	hh:mm:ss

Interval 1 (1 minute)

Unique ID	T26D_IC01188
Attribute Definition	Minute interval detection time. Reflects the second of first detection for an individual bird within a one minute processing interval.
Value Type	Number
Range	0-59
Unit	Seconds
Missing Values	VNA = Variable Not Applicable

Interval 2 (1 minute)

Unique ID	T26D_IC01189
-----------	--------------

Attribute Definition	Minute interval detection time. Reflects the second of first detection for an individual bird within a one minute processing interval.
Value Type	Number
Range	0-59
Unit	Seconds
Missing Values	VNA = Variable Not Applicable

Interval 3 (1 minute)

Unique ID	T26D_IC01190
Attribute Definition	Minute interval detection time. Reflects the second of first detection for an individual bird within a one minute processing interval.
Value Type	Number
Range	0-59
Unit	Seconds

Abiotic Noise

Unique ID	T26D_IC01282
Attribute Definition	Minute interval detection time. Reflects the second of first detection of an intermittent abiotic background noise within a one minute processing interval.
Value Type	Code
Code	Other Background Noise Rain Wind Industrial Noise Deterrents Planes Traffic Trains
Missing Values	DNC = Did Not Collect

Intensity

Unique ID	T26D_IC01283
Attribute Definition	The intensity level of the intermittent abiotic noise recorded within the one minute processing interval.
Value Type	Code
Code	1 = Light 2 = Moderate 3 = Heavy
Missing Values	DNC = Did Not Collect