

Terrestrial T12B 2-Dimensional Cover Raw Data Metadata

Rotation

Unique ID	T12B_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	T12B_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	T12B_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

Field Date

Unique ID	T12B_IC00015
Attribute Definition	Day, month, and year data was collected.
Value Type	Date
Format	DD-Mon-YY
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Field Crew Member(s)

Unique ID	T12B_IC00379
Attribute Definition	Initials for the field technicians collecting the field data.
Value Type	Text
Format	2 or 3 letters (UPPERCASE) and 1 number (if necessary); 1 set of initials or a combination of many
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

2-Dimensional Cover Element

Unique ID	T12B_IC01159
Attribute Definition	Elements for which 2D percent cover estimates are obtained from 5 x 5 m plots. 2-Dimensional cover estimate that would be obtained if a photograph had been taken from above all vegetation. Total cover estimates must sum to 100% with other 2-dimensional cover attributes within some plots. Cover estimates are also stratified into 4 height categories some of which must sum to 100%.
Value Type	Code
Format	Element (UPPER and lowercase)
Code	Animal Matter Bare Ground Fungi Grass Lichen Litter = Includes dead vegetation material plus DWM <2 cm in diameter. Moss Other Vascular = Includes all vascular plants (except grasses, sedges, and rushes) and only saplings below 1.3 m in height. Rock Sedge/Rush Shrub Water Wood = Includes live and dead trees >1.3 m tall, plus DWM >2 cm diameter
Missing Values	DNC = Did Not Collect

Quadrant

Unique ID	T12B_IC00259
Attribute Definition	Quadrant where the 5 x 5 m plot for Shrub 2D cover was collected.
Value Type	Text
Format	2 letters (UPPERCASE); 8 letter word
Code	NE = Northeast quadrant NW = Northwest quadrant SE = Southeast quadrant SW = Southwest quadrant Dominant

Total Cover (Percent)

Unique ID	T12B_IC00324
-----------	--------------

Attribute Definition	Total cover estimations obtained from 5 x 5 m plots. Values of all independent categories from 2-dimensional elements within the same 5 x 5 m plot should sum to 100%.
Value Type	Code
Code	0 < 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Cover < 10 centimeters (Percent)

Unique ID	T12B_IC00130
Attribute Definition	Total Cover estimates are stratified into 4 height categories within 5 x 5 m plots. Values are the percent cover of the 2-dimensional element combined which are <10 cm in height; height categories must sum to 100% for each 2-dimensional element.
Value Type	Code
Code	0 < 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Cover 11 to 25 centimeters (Percent)

Unique ID	T12B_IC00132
Attribute Definition	Total Cover estimates are stratified into 4 height categories within 5 x 5 m plots. Values are the percent cover of the 2-dimensional element combined which are between 11 and 25 cm in height; height categories must not be >100% but can be <100% for each 2-dimensional element.
Value Type	Code
Code	0 < 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Cover 26 to 50 centimeters (Percent)

Unique ID	T12B_IC00133
-----------	--------------

Attribute Definition	Total Cover estimates are stratified into 4 height categories within 5 x 5 m plots. Values are the percent cover of the 2-dimensional element combined which are between 26 and 50 cm in height.
Value Type	Code
Code	0 < 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Cover > 50 centimeters (Percent)

Unique ID	T12B_IC00131
Attribute Definition	Total Cover estimates are stratified into 4 height categories within 5 x 5 m plots. Values are the percent cover of the 2-dimensional element combined which are more than 50 cm in height.
Value Type	Code
Code	0 < 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Cause of Bare Ground (Soil)

Unique ID	T12B_IC00118
Attribute Definition	[2007-2009] Description of the cause for any bare ground/soil within the plot.
Value Type	Code
Code	Animal - cattle Animal - other Insect Fire Geological - dry Geological - erosion Human - agriculture Human - cutblock Human - linear Human - road Human - trail Human- industrial Pasture Other
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable NONE = Absent from Survey Area PNA = Protocol Not Applicable