

## Terrestrial T20A Lichen Identification (2003-2008) Raw Data Metadata

---

### Rotation

Unique ID	T20A_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	T20A_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	T20A_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

### Field Date

Unique ID	T20A_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	T20A_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

Identification Date

Unique ID	T20A_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	T20A_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

Advanced ID Date

Unique ID	T20A_IC00096
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

Advanced ID Analyst

Unique ID	T20A_IC00012_2
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

Microhabitat Type

Unique ID

T20A\_IC00212

Attribute Definition

List of all microhabitats identified within each 50 x 50 m quadrant surrounding the ABMI site centre where moss specimens were collected.

Value Type

Code

Format

2 or 3 Letter Code (UPPERCASE), List as many as present

Code

LS = Soft stumps and logs | LH = Hard stumps and logs | WMF = Wetlands, marshes, and fens with or without trees and shrubs | WSB = Shores/banks of wetlands, ponds, lakes, and streams | WDS = Moist depressions/seasonal wetlands | WPW = Peatlands with or without standing water at the surface | TD = Roots, bases, trunks, and branches of live deciduous trees | TC = Roots, bases, trunks, and branches of live coniferous trees | HB = Buildings and structure | DT = Tip-ups | DM = Mineral soil from any other causes | DC = Agricultural cultivation | UH = Humus soils with or without tree/shrub cover | BC = Boulders (>50 cm diam.), cliffs, and ledges including crevices | RR = Rocks (<50 cm diam.) tops, sides, and bases | MISC = Miscellaneous collection of specimens that appear different from any other microhabitat; includes specimens from animal matter.

Missing Values

DNC = Did Not Collect | VNA = Variable Not Applicable | NONE = Absent from site

Plot Number

Unique ID

T20A\_IC00246

Attribute Definition

Indicates the 1st, 2nd, 3rd, 4th, 5th, or 6th location each microhabitat was searched for moss and lichen species.

Value Type

Number

Range

1 to 6

Missing Values

VNA = Variable Not Applicable

Common Name

Unique ID

T20A\_IC00122

Attribute Definition

Common name of lichen species identified within the 1 hectare site by microhabitat and plot.

Value Type

Text

Missing Values      DNC = Did Not Collect | VNA = Variable Not Applicable |  
NONE = Absent from Survey Area | PNA = Protocol Not  
Applicable | SNI = Species Not Identified | SNR = Species  
Needs Review | UID = Unable to Identify

### Scientific Name

Unique ID              T20A\_IC00286  
Attribute Definition    Scientific name of lichen species identified within the 1 hectare  
site by microhabitat and plot.  
Value Type             Text  
Missing Values        DNC = Did Not Collect | VNA = Variable Not Applicable |  
NONE = Absent from Survey Area | PNA = Protocol Not  
Applicable | SNI = Species Not Identified | SNR = Species  
Needs Review | UID = Unable to Identify

### Taxonomic Resolution

Unique ID              T20A\_IC00310  
Attribute Definition    Resolution to which lichen was identified (e.g. Family, Genus,  
Species etc.).  
Value Type             Text  
Missing Values        VNA = Variable Not Applicable

### Unique Taxonomic Identification Number

Unique ID              T20A\_IC00357  
Attribute Definition    Globally unique identifier of all lichen species identified within  
the 1 hectare site by microhabitat and plot. Unique taxonomic  
identifiers are generally taken from the International Taxonomic  
Information System (ITIS; <http://www.itis.gov/>).  
Value Type             Number  
Missing Values        VNA = Variable Not Applicable