

Terrestrial T10C Tree Core Rings (since 2016) Raw Data Metadata

Rotation

Unique ID	T10C_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	T10C_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	T10C_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

Field Date

Unique ID	T10C_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	T10C_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	T10C_IC01071
Attribute Definition	Day, month, and year data was analyzed by specialist.
Value Type	Date
Format	DD-Mon-YYYY
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Identification Analyst

Unique ID	T10C_IC01054
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

Quadrant

Unique ID	T10C_IC00262
Attribute Definition	Quadrant where core or cookie was collected from tree species to measure age, including: 1 hectare (1 ha) plot, northeast (NE), southeast (SE), southwest (SW), northwest (NW).
Value Type	Code
Code	1 ha = 1 hectare plot NE = northeast quadrant SE = southeast quadrant SW = southwest quadrant NW = northwest quadrant

Tree Core Type

Unique ID	T10C_IC00349
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Attribute Definition	Tree cores taken for: Largest Tree i.e. tree with largest DBH found within the central 1 ha of the ABMI site; Leading Species i.e. dominant or co-dominant trees that make up the majority of the stand composition (most abundant species), not including veterans found within each of the four quadrants, and; Secondary Species i.e. dominant or co-dominant trees that make up the second most abundant species but must be $\geq 20\%$ of the stand composition, not including veterans found in each of the four quadrants.
Value Type	Code
Code	Largest Tree Leading Species Secondary Species

Sample Type

Unique ID	T10C_IC00285
Attribute Definition	Indicates whether a core or cookie type of sample was taken
Value Type	Code
Code	Cookie Core
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Common Name

Unique ID	T10C_IC00122
Attribute Definition	Common name of specimen collected during sampling.
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	T10C_IC00286
Attribute Definition	Scientific name of organism collected during sampling.
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	T10C_IC00310
Attribute Definition	Resolution to which organism was identified (e.g. Family, Genus, Species etc.).
Value Type	Text
Missing Values	VNA = Variable Not Applicable

Unique Taxonomic Identification Number

Unique ID	T10C_IC00357
Attribute Definition	Globally unique identifier of all species. 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

Tree Height (metres)

Unique ID	T10C_IC00350
Attribute Definition	Height of the tree in metres, to the top leaf or stem (0.1 m increments).
Value Type	Number
Format	1 or more digits
Range	1.3 and up
Unit	metre
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

DBH (centimetres)

Unique ID	T10C_IC00144
Attribute Definition	Diameter of tree at breast height (1.3 metre) for the largest tree, leading species, or secondary species from which a tree core or cookie was collected to measure age
Value Type	Number
Unit	centimetre
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable VNA = Variable Not Applicable

Number of Rings

Unique ID	T10C_IC01296
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Attribute Definition	A count of the visually distinct tree rings present in the sample.
Value Type	Number
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Number of Estimated Rings

Unique ID	T10C_IC01297
Attribute Definition	An estimate of how many rings are missing before the pith on samples missing the pith and having appropriate rings to make the estimate.
Value Type	Number
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Comment

Unique ID	T10C_IC01300
Attribute Definition	In analyzing tree cores, additional information is provided on the condition and quality of the tree core collected.
Value Type	Code
Code	Bark Missing Broken Complete = Analysis completed Not Analysed = Too many pieces or very unclear rings Pith Missing No Indication of Pith Unclear Pith Unclear Rings Sample Not Mounted
Missing Values	VNA = Variable Not Applicable DNC = Did Not Collect Not Received = Sample not received