

## Terrestrial T10A Tree Core Ages Raw Data Metadata

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### Rotation

Unique ID	T10A_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	T10A_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	T10A_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

### Field Date

Unique ID	T10A_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	T10A_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	T10A_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	T10A_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

Quadrant

Unique ID	T10A_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	T10A_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	T10A_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	T10A_IC00122
Attribute Definition	Common name of tree from which a core or cookie was taken.
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	T10A_IC00286
Attribute Definition	Scientific name of tree from which a core or cookie was taken.
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	T10A_IC00310
Attribute Definition	Resolution to which taxa was identified (e.g. Family, Genus, Species etc.).
Value Type	Text
Missing Values	VNA = Variable Not Applicable

### Unique Taxonomic Identification Number

Unique ID	T10A_IC00357
Attribute Definition	Globally unique identifier of tree from which a core or cookie was taken. Unique taxonomic identifiers are generally taken from the International Taxonomic Information System (ITIS; <a href="http://www.itis.gov/">http://www.itis.gov/</a> ).
Value Type	Number
Missing Values	VNA = Variable Not Applicable

### Tree Height (metres)

Unique ID	T10A_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	T10A_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

### Age (years)

Unique ID	T10A_IC00097
Attribute Definition	Unadjusted number of tree rings counted from cores or cookies, taken at 1.3 m (DBH) height.
Value Type	Number
Format	1 or more digits
Range	1 and up
Unit	years
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

### Age Estimation Confidence

Unique ID	T10A_IC01119
Attribute Definition	This field describes the confidence of the tree age estimation
Value Type	Code
Code	1 = Excellent: Age is accurate to +/-1   2 = Good: Age is accurate to +/-2   3 = Fair: Age is accurate to +/-3   4 = Poor: Age is accurate to +/-4   5 = Very Poor: Age is very inaccurate and variable (age correction is >20 yrs)
Missing Values	DNC = Did Not Collect