

FERN Log

A Comprehensive User Guide

Foreword

From the dynamic duo of CAFFE!NE CATS, we are ecstatic to welcome you to the FERN LOG! We poured our heart, souls, and tears into this app for over 2 months to deliver this dream into reality, so we hope you enjoy it as much as the great forests of Maine!

- CAFFE!NE CATS

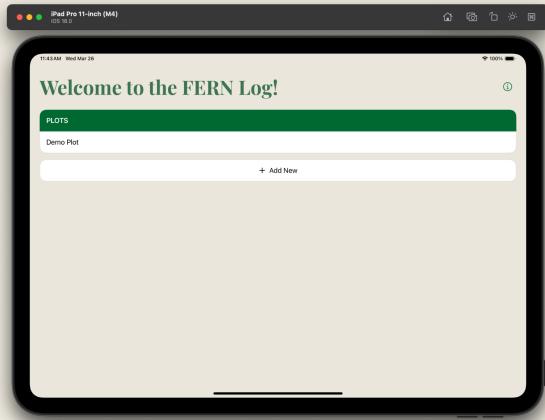
App Walk-through

This is an in-detail walkthrough of **every** menu, button, table and screen in the app!

-  [Landing Page](#)
-  Button: [Empty Plot](#)
-  Button: [Import From Folder](#)
-  Button: [Demo Plot](#)
-  Navigation Link: [Info](#)
-  [Plot Dashboard](#)
-  Navigation Link: [Landing Page](#)
-  Button:  [\(Share\)](#)
-  Navigation Link: [Info](#)
-  Button: [View Full Map \(Plot\)](#)
-  Navigation Link: [Form Editor](#)

Landing Page

The first thing you will see once you open the app is the **Landing Page**. This is where you can create and edit plots.



A screenshot of the landing page.

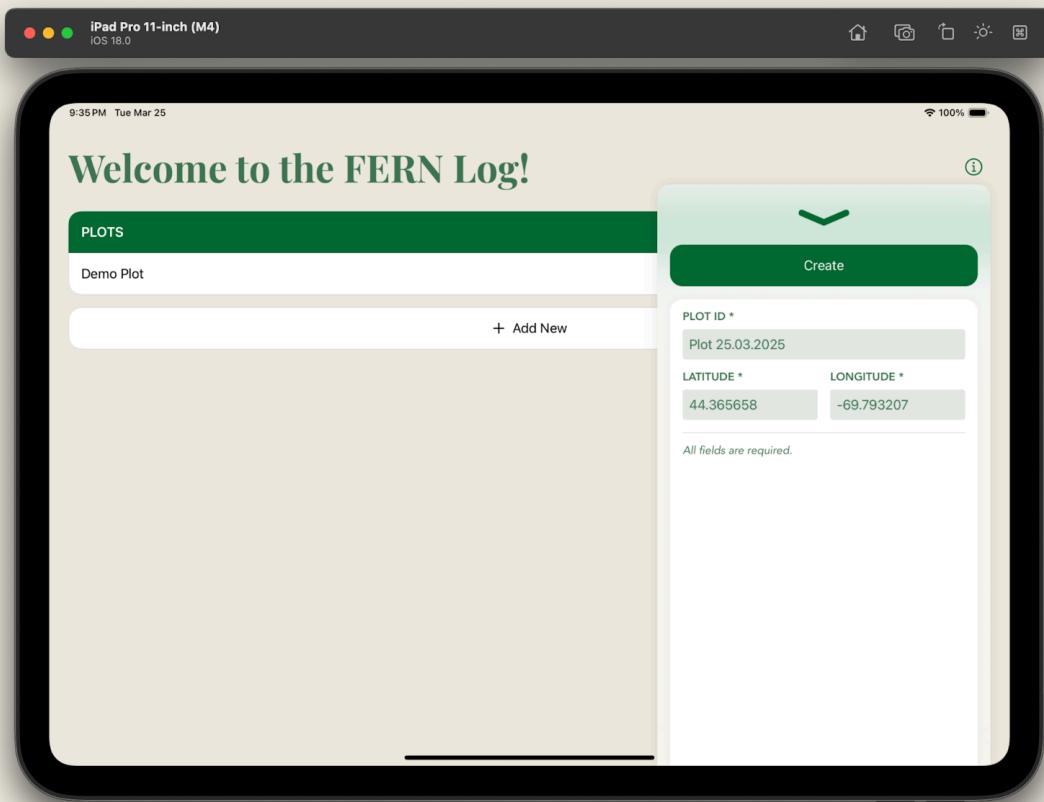


A screenshot of the landing page with the new plot menu presented.

All of your plots will appear in the list titled **PLOTS**. To navigate to the [Info](#) page, tap **(i)** (**Info**). To open the New Plot menu, tap the **+ Add New** button at the bottom of the table. A menu will appear with options to [create an empty plot](#), [import a plot from a folder](#), and [see a demo plot](#). To delete a plot, press and hold its title until a menu appears and tap **Delete**.

Button: Empty Plot

Tapping this button will open a sheet to create a new plot with no data.

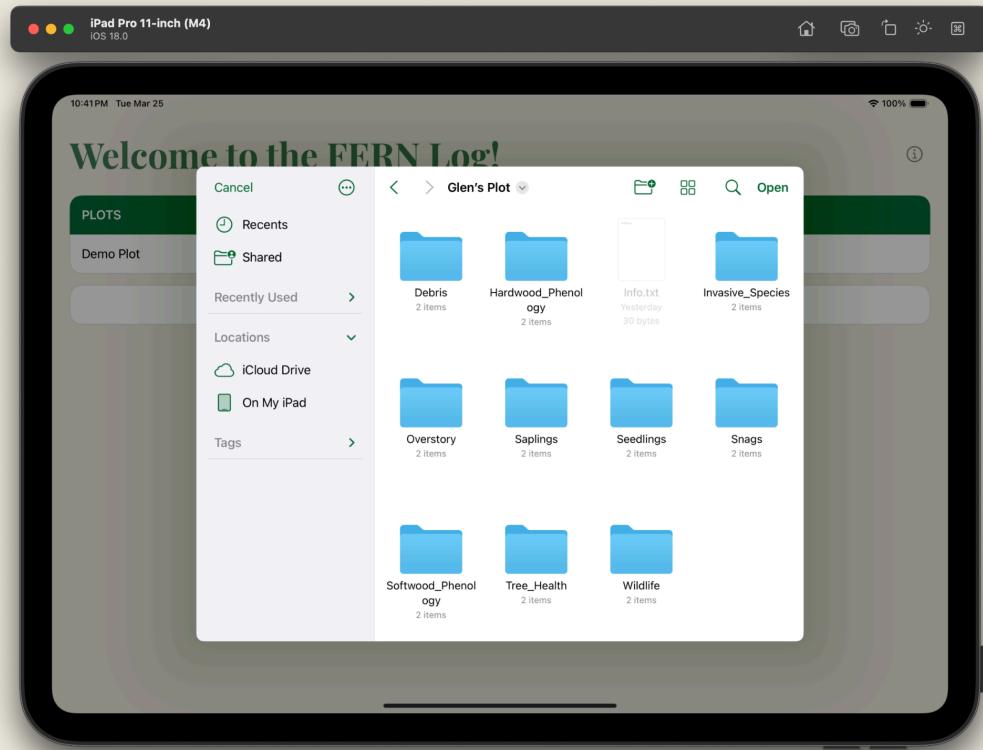


A screenshot of the landing page with the empty plot creation sheet presented.

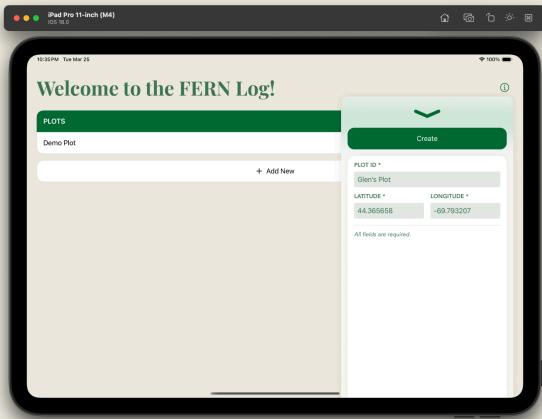
The **PLOT ID** field changes the name of your plot. The **LATITUDE** field changes the horizontal orientation of your plot, in degrees. The **LONGITUDE** field changes the vertical orientation of your plot, in degrees. All fields are required.

Button: Import From Folder

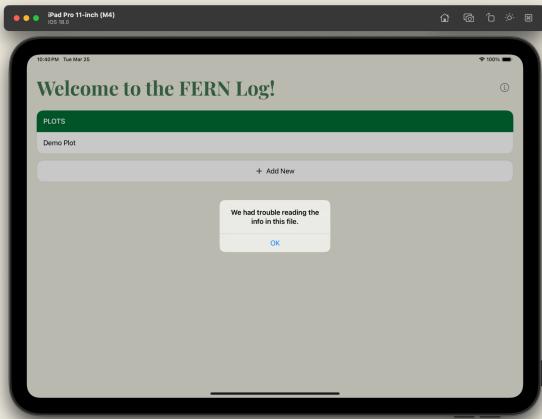
Tapping this button will open a window where you can select a folder to read plot data from.



A screenshot of the landing page with the folder importer window presented.



A screenshot of the landing page with the successful imported plot creation sheet presented.



A screenshot of the landing page with the error alert presented.

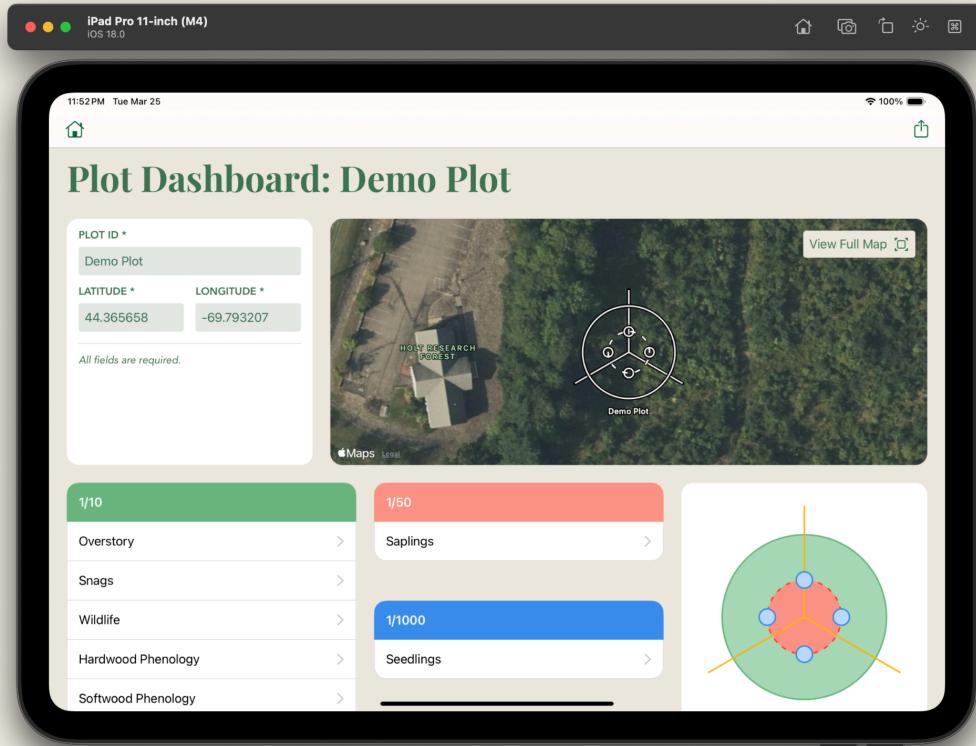
To select a folder, navigate into it by tapping it and then tapping **Open** in the upper right corner of the folder importer window. The selected folder must fit the [FERN Log plot folder criteria](#).

If the selected folder meets the criteria, then you will be presented with a sheet. The **PLOT ID** field changes the name of your plot. The **LATITUDE** field changes the horizontal orientation of your plot, in degrees. The **LONGITUDE** field changes the vertical orientation of your plot, in degrees.

If it doesn't meet the criteria, then you will get an error alert.

Button: Demo Plot

Tapping this button will create a demo plot, add it to your list of plots, and open it.



A screenshot of the demo plot dashboard.

TREE ID	SPECIES	STATUS	DBH	HEIGHT
001	Oak	Live	0 in	10 ft
002	Birch	Live	0 in	10 ft
003	Pine	Live	0 in	10 ft

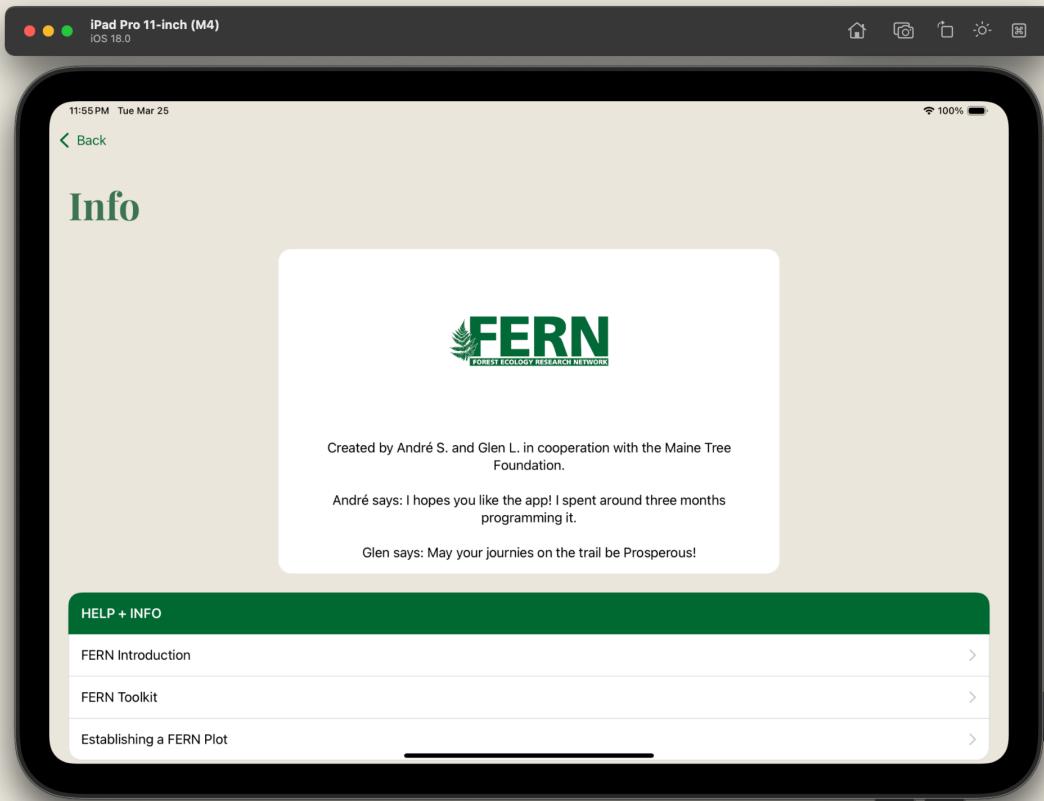
A screenshot of the demo overstory form.

PLOT	SPECIES	CLASS 1	CLASS 2	CLASS 3	CLASS 4
N	Red Oak	0	0	0	0
S	Yellow Oak	0	0	0	0
W	Birch	0	0	0	0
M	White Oak	0	0	0	0

A screenshot of the demo seedlings form.

Navigation Link: Info

A page for help and info.

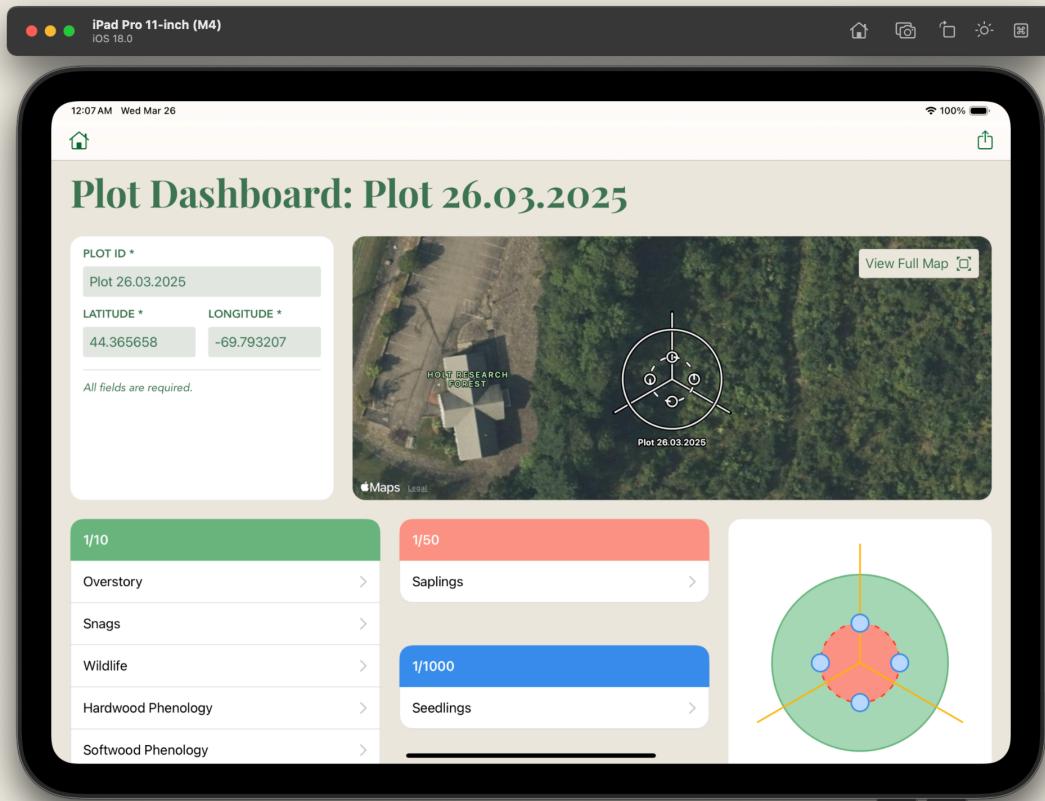


A screenshot of the info page.

To get help on a topic, tap a row in the list. (That's probably how you got here!)

Plot Dashboard

This is the page where you can access all of your plot forms.



A screenshot of the plot dashboard page.

Tap (**Landing Page**) to navigate back to the [Landing Page](#). Tap (**Share**) to [share a folder containing your plot](#).

The **PLOT ID** field changes the name of your plot. The **LATITUDE** field changes the horizontal orientation of your plot, in degrees. The **LONGITUDE** field changes the vertical orientation of your plot, in degrees.

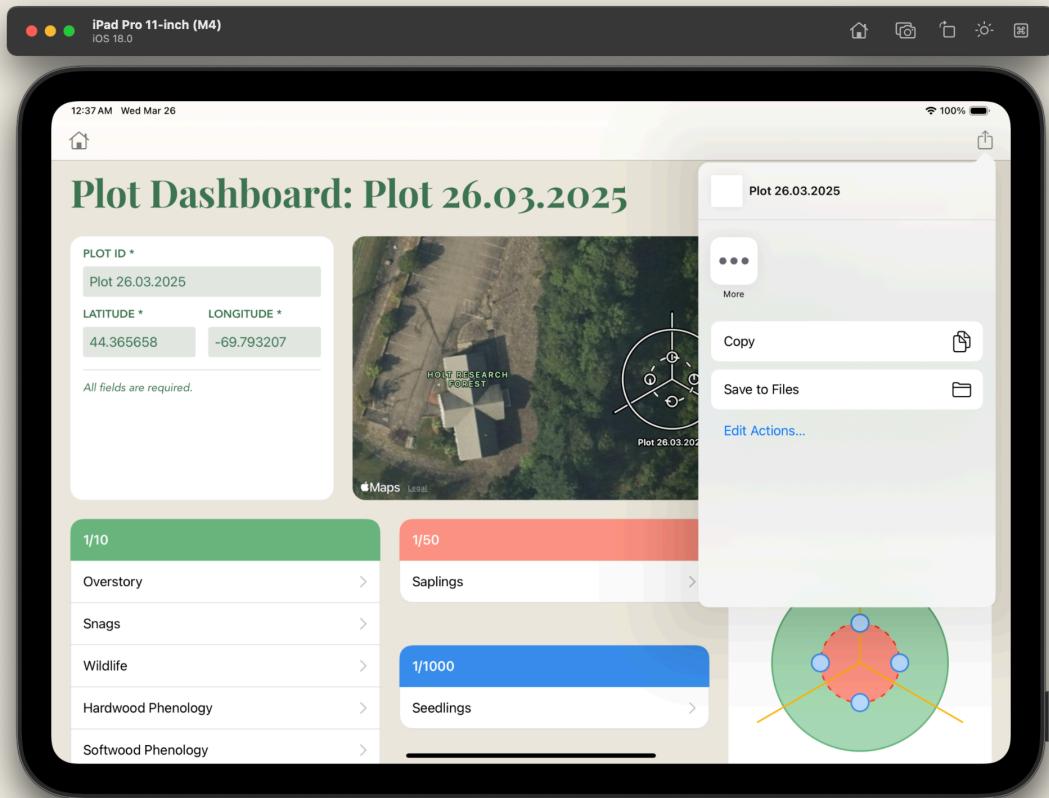
Tap **View Full Map** to see a fullscreen version of the [Plot Map](#).

Tap a row in one of the plot scale lists to visit the corresponding [Form Editor](#).

Tap the **Info** link at the bottom of the page to navigate to the [Info](#) page.

Share Menu

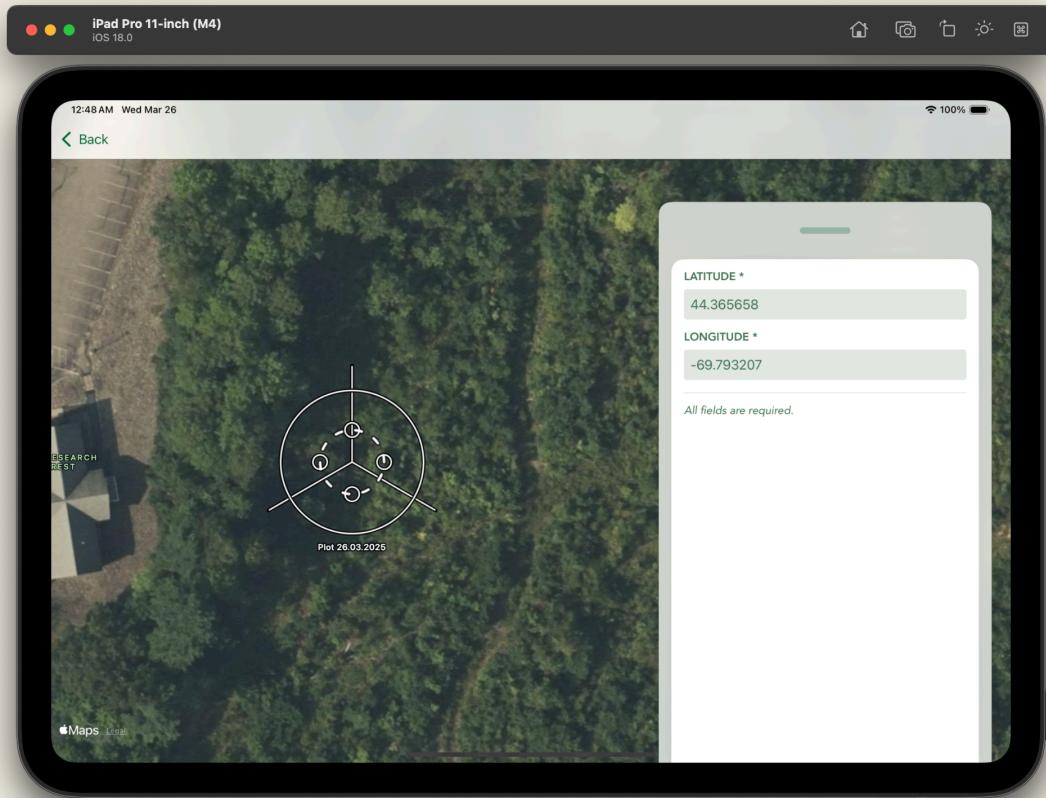
After tapping the  (**Share**) button, a default share menu will appear. You can then choose what you want to do with this folder.



A screenshot of the plot dashboard page with the share menu options presented.

Plot Map

You can pinch in to zoom in and out to zoom out. Drag left, right, up and down to pan respectively.

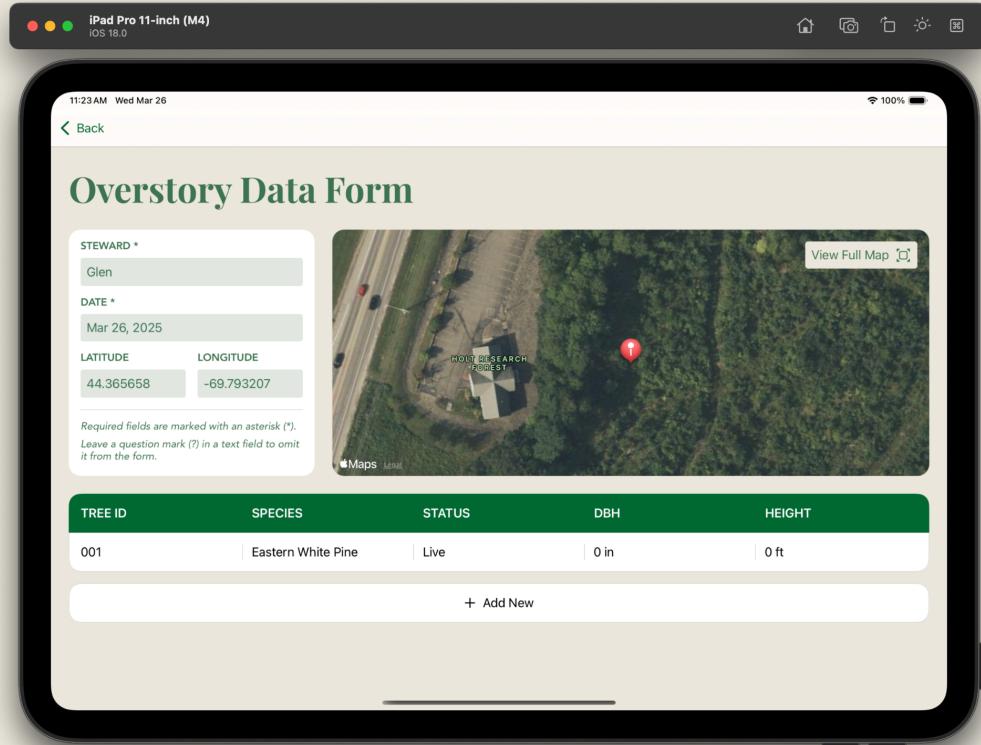


A screenshot of the plot map page.

The **LATITUDE** field changes the horizontal orientation of your plot, in degrees. The **LONGITUDE** field changes the vertical orientation of your plot, in degrees.

Form Editor

The Form Editor page is a page used to change the information you've gathered from your plot. While each page varies slightly, they all follow the same basic layout.



A screenshot of the plot map page.

A screenshot of the overstory form editor page with the date sheet presented.

Tapping the < **Back** button will navigate you back to the [Plot Dashboard](#).

The **STEWARD** field changes the name of the person filling out this form. The **DATE** field will open a sheet to edit the date the info was recorded.

The **LATITUDE** field changes the horizontal orientation of your plot, in degrees. The **LONGITUDE** field changes the vertical orientation of your plot, in degrees. These fields are not required. To omit them from the form, type a **?** in them.

Tap **View Full Map** to see a [fullscreen version of the form's map](#).

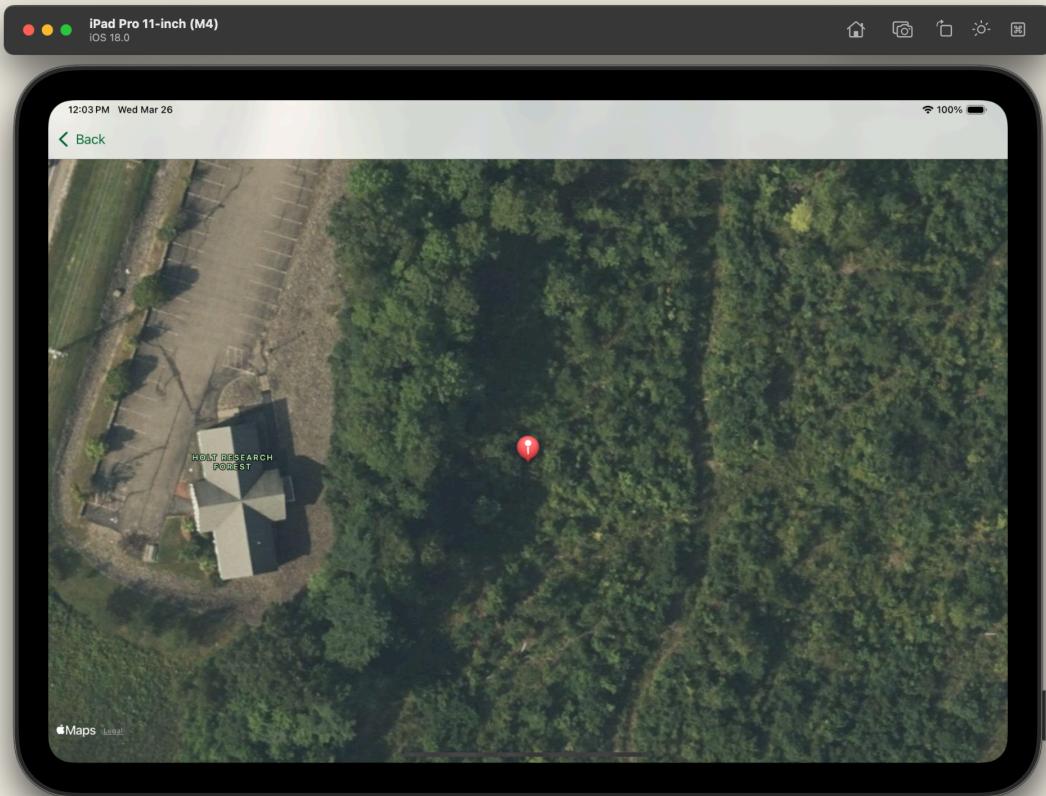
In the Hardwood Phenology and Softwood Phenology forms. There is an additional field – **TREE ID** – used to edit the tree ID of the tree the rest of the data is focusing on.

Tap a row in the data table to edit it using the [Data Editor Sheet](#).

Tap **+ Add New** to add a new row.

Form Map

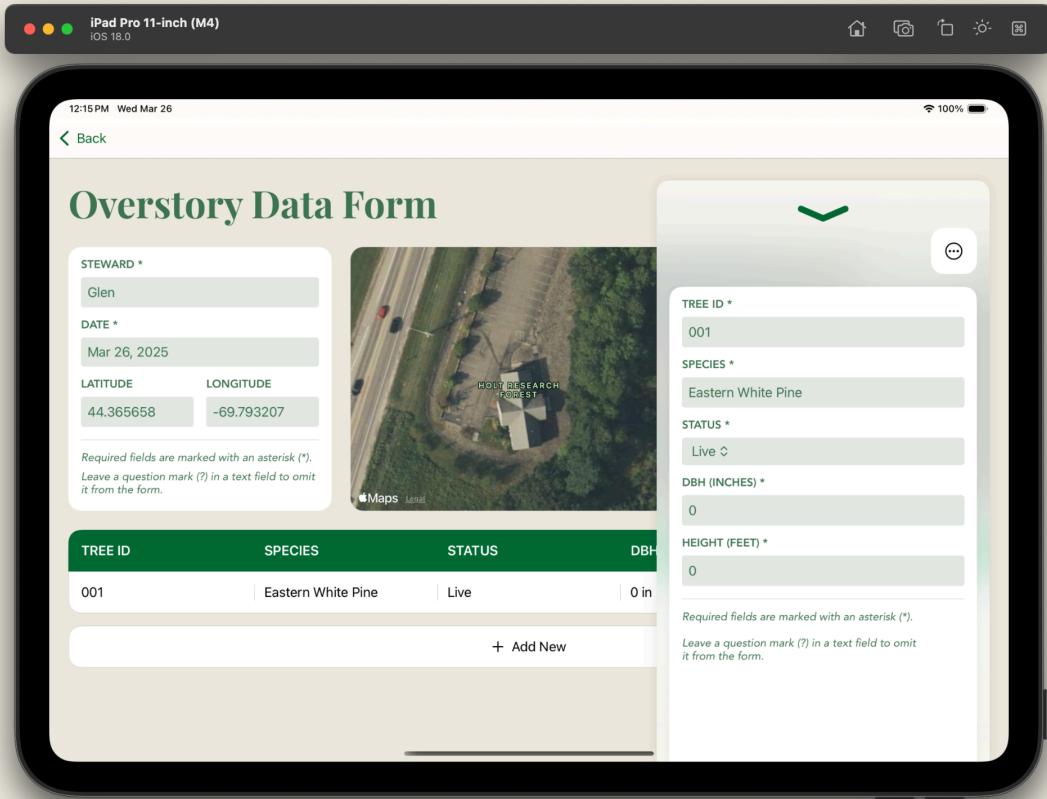
Very similar to the [Plot Map](#), you can pinch in to zoom in and out to zoom out. Drag left, right, up and down to pan respectively.



A screenshot of the form map page.

Data Editor Sheet

This is where you edit the data in a row.



A screenshot of the data editor sheet.

In most forms there is a (**Menu**). Tapping on this will give you the option to delete the selected row.

The fields vary depending on form.