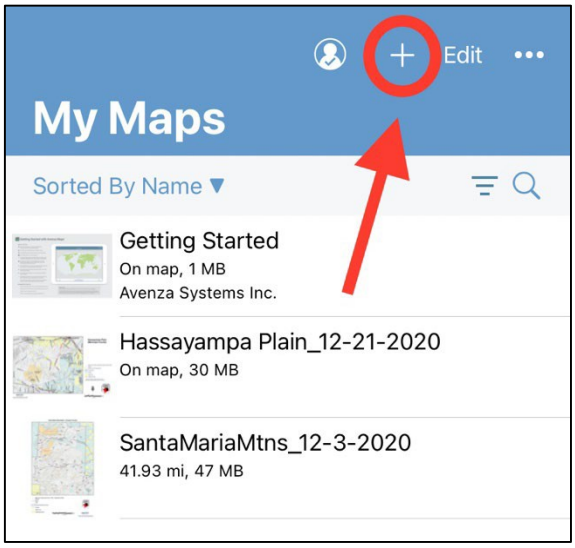
How to Download and Use Avenza Maps App for the AZFO eBird Gaps project

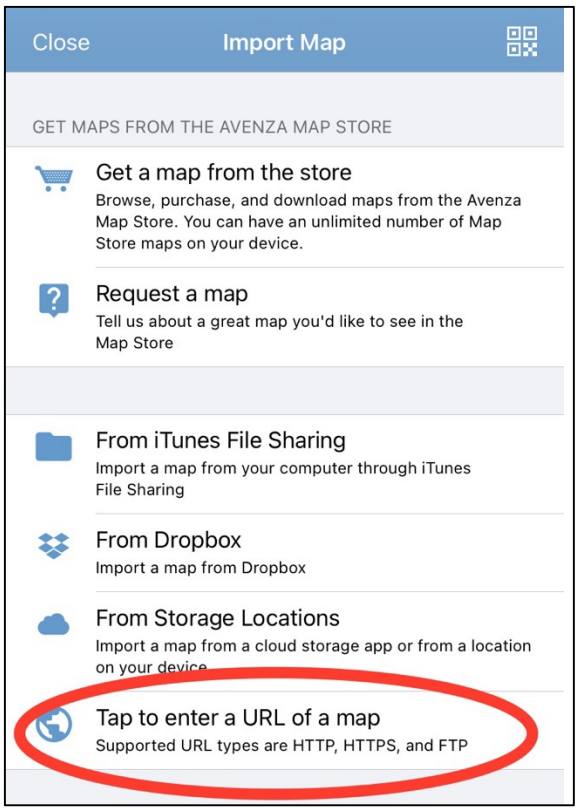
1. Download Avenza App from your app store onto your smartphone. The following instructions are for iOS smartphones, so may differ from the steps used for Android smartphones. Visit the Avenza website (see link at bottom of this document) for more information and trouble-shooting for iOS and Android smartphones.

2. Open the Avenza app.

3. Go to the "+" symbol at the upper right corner of the page to import a map:

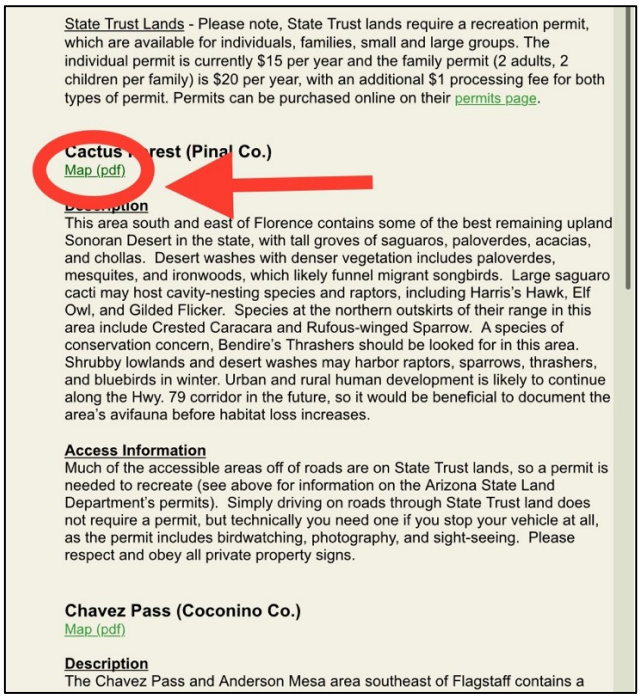


4. Click on the "Tap to enter a URL of a map" option:



5. Go to your browser (e.g. Safari, Google Chrome, Firefox, etc.) and go to the AZFO eBird Gaps webpage:
http://azfo.org/birding/eBirdGaps.html

6. Click on the eBird Gap map that you want to download:


State Trust Lands - Please note, State Trust lands require a recreation permit, which are available for individuals, families, small and large groups. The individual permit is currently $15 per year and the family permit (2 adults, 2 children per family) is $20 per year, with an additional $1 processing fee for both types of permit. Permits can be purchased online on their permits page.

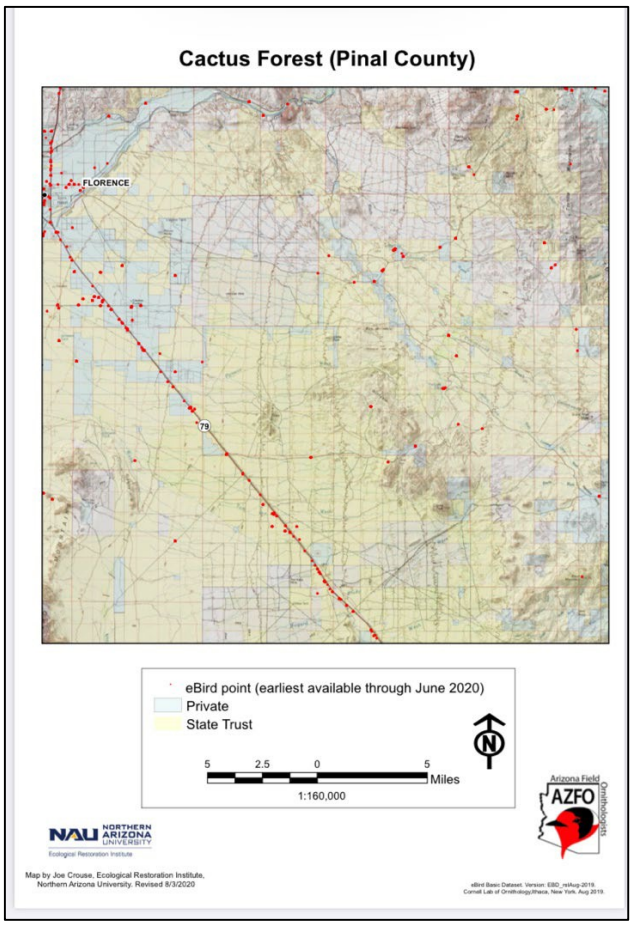
Cactus Forest (Pinal Co.)
Map (pdf)

Description
This area south and east of Florence contains some of the best remaining upland Sonoran Desert in the state, with tall groves of saguaros, paloverdes, acacias, and chollas. Desert washes with denser vegetation includes paloverdes, mesquites, and ironwoods, which likely funnel migrant songbirds. Large saguaro cacti may host cavity-nesting species and raptors, including Harris's Hawk, Elf Owl, and Gilded Flicker. Species at the northern outskirts of their range in this area include Crested Caracara and Rufous-winged Sparrow. A species of conservation concern, Bendire's Thrashers should be looked for in this area. Shrubby lowlands and desert washes may harbor raptors, sparrows, thrashers, and bluebirds in winter. Urban and rural human development is likely to continue along the Hwy. 79 corridor in the future, so it would be beneficial to document the area's avifauna before habitat loss increases.

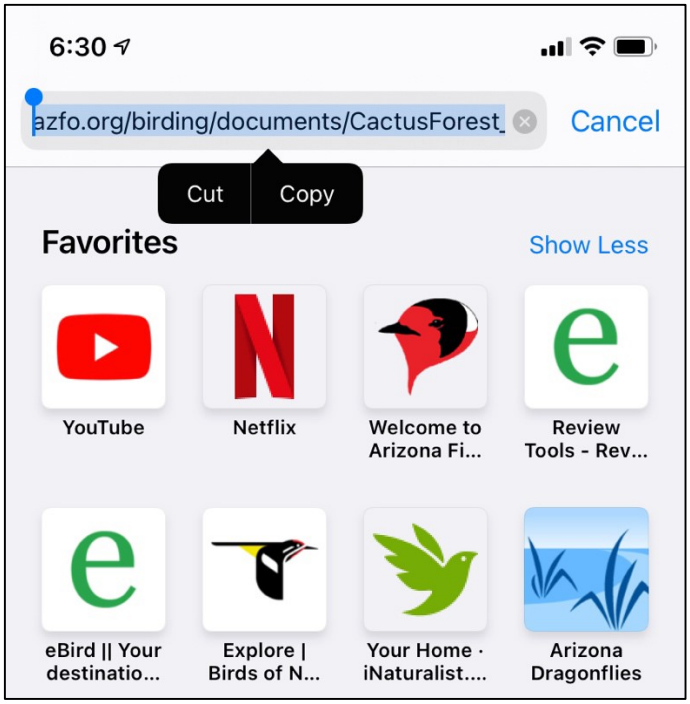
Access Information
Much of the accessible areas off of roads are on State Trust lands, so a permit is needed to recreate (see above for information on the Arizona State Land Department's permits). Simply driving on roads through State Trust land does not require a permit, but technically you need one if you stop your vehicle at all, as the permit includes birdwatching, photography, and sight-seeing. Please respect and obey all private property signs.

Chavez Pass (Coconino Co.)
Map (pdf)

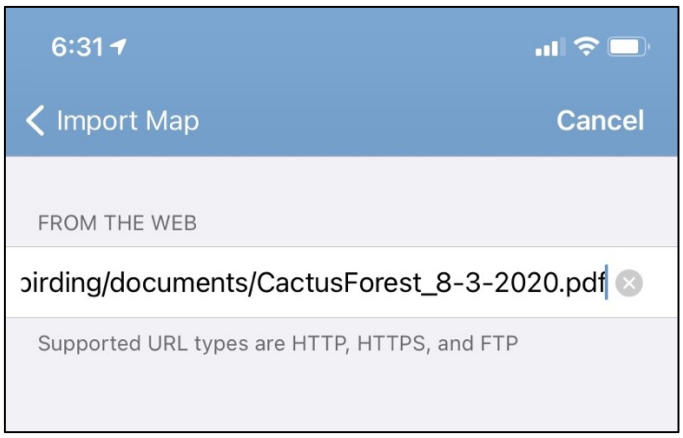
Description
The Chavez Pass and Anderson Mesa area southeast of Flagstaff contains a



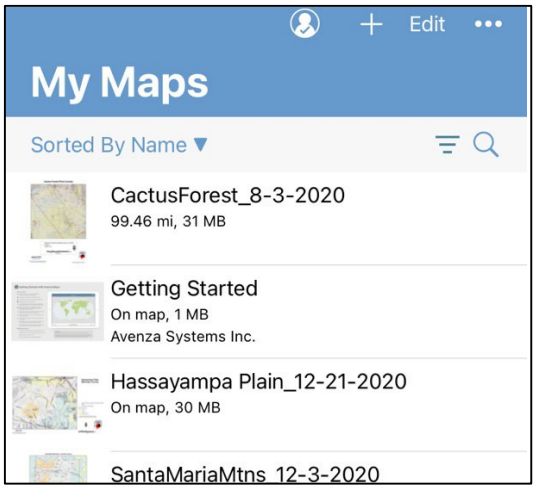
7. Click on the URL address on the map page and click “copy”:



8. Go back to the Avenza app and paste the copied URL address in the box and click “Go” at bottom of screen:

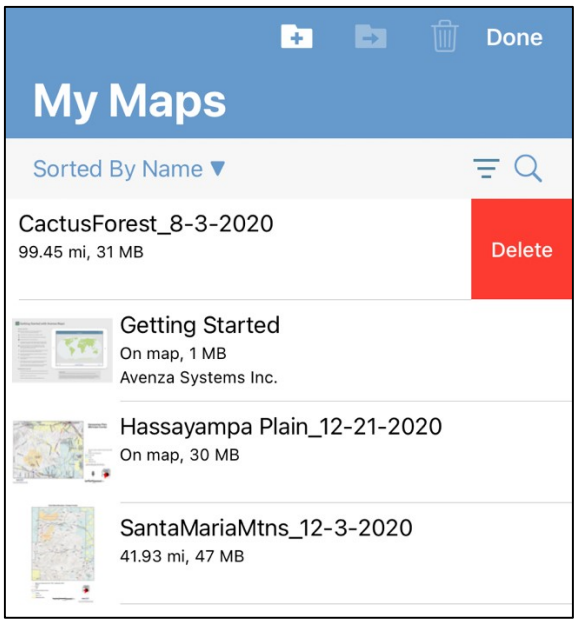


9. Clicking “Go” will automatically download the PDF map file onto your Avenza app:

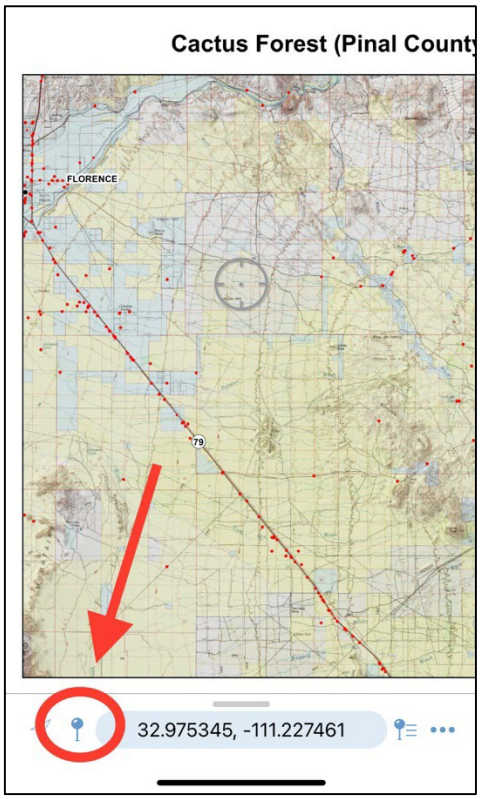


10. You can now click on the map you have just downloaded to open and use it while you’re visiting this AZFO eBird Gaps area!

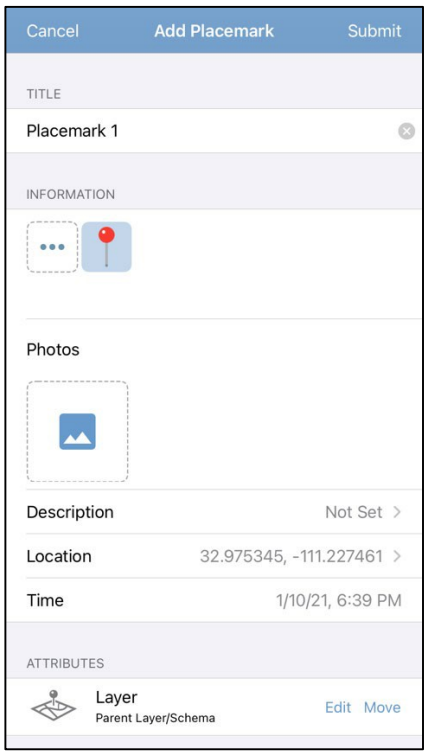
*NOTE that the free version of this app only allows you to store a maximum of 3 downloaded maps at any given time. Upgrading to the paid version allows you more options, but you do not need that to use the app or participate in the AZFO eBird Gaps project! To delete a map to free up space, simply swipe left on the map and click “delete”:



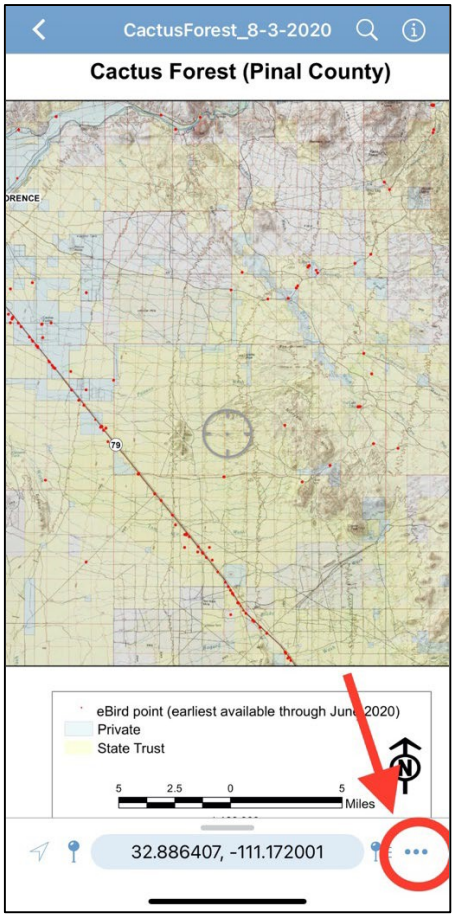
11. To mark a location while having a map open—such as where you parked your vehicle—make sure the map cursor is at your present location, and click on the marker icon at the bottom left of the screen:

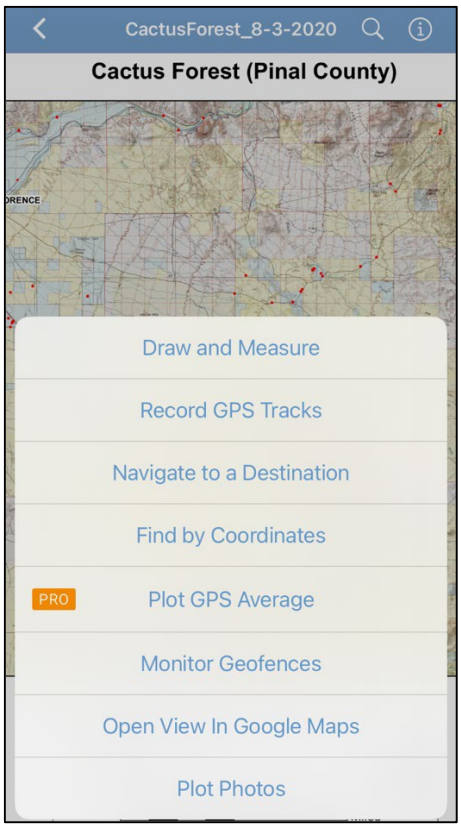


12. You can then choose a name for the location you are marking before you click on “submit” on the upper right part of the screen:

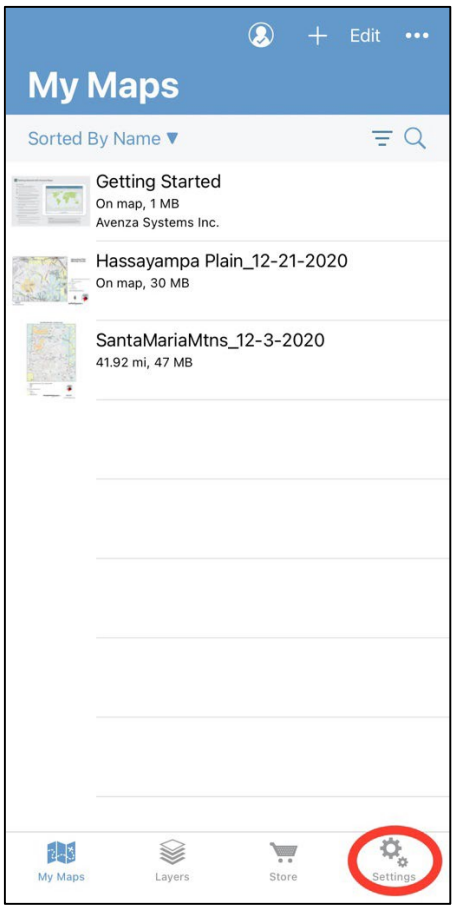


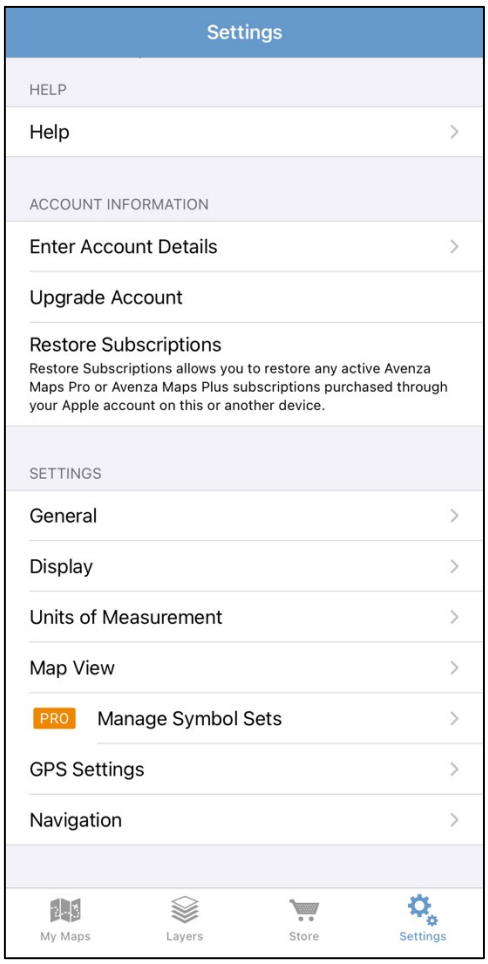
13. For other map and navigation features, click on the 3 dots at the bottom right of the screen:





14. You can also adjust settings for the app, including the units of measurement used for navigation between points:


Edit
My Maps
Sorted By Name
Getting Started
On map, 1 MB
Avenza Systems Inc.
Hassayampa Plain_12-21-2020
On map, 30 MB
SantaMariaMtns_12-3-2020
41.92 mi, 47 MB
My Maps
Layers
Store
Settings



15. Visit the website and their support page for more information on using the app for iOS and Android smartphones, and trouble-shooting: