


## USER MANUAL

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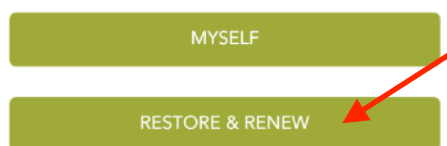
If you find a bug please email:  
[brendanwilde@optusnet.com.au](mailto:brendanwilde@optusnet.com.au)  
[brendan.wilde@rbgsyd.nsw.gov.au](mailto:brendan.wilde@rbgsyd.nsw.gov.au)

## 1 Logging In as RnR User

Page 1

RnR (Restore & Renew) is a project run by the Royal Botanical Gardens Sydney. If you are collecting on behalf of this project you need an email address and password provided to you by RBGS.

I'm collecting for...



MYSELF

RESTORE & RENEW

When first opening the app click

“RESTORE & RENEW”

Then type in the email address and password provided to you and press “LOG IN”



brendanwilde@optusnet.com.au

.....



LOG IN

You will remain logged in until you log out.

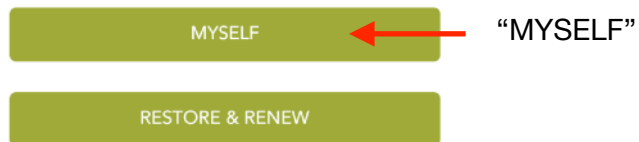
## 2 Logging in as general public

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When first opening the app click  
"MYSELF"

I'm collecting for...

When first opening the app click



Then type in your name this can be anything.  
And an email address for your data to be sent to.  
Then press the "START COLLECTING" button.

The app will send to any email address you enter, so do a test collection and upload it to yourself before doing any real collecting.

A screenshot of a mobile app registration form. It consists of two white rectangular input fields with thin black borders. The first field contains the text "Brendan Wilde". The second field contains the email address "brendanwilde@optusnet.com.au". Below these fields is a green rectangular button with the text "START COLLECTING" in white capital letters.

You will remain logged in until you log out.

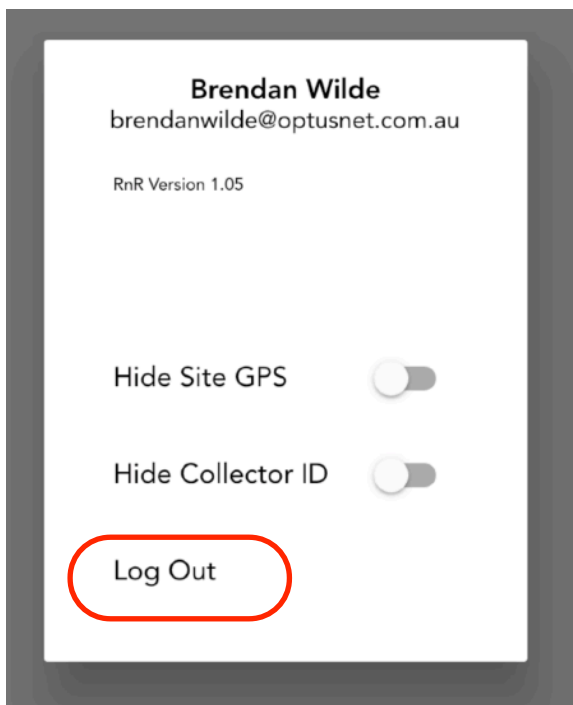
### 3 Logging out

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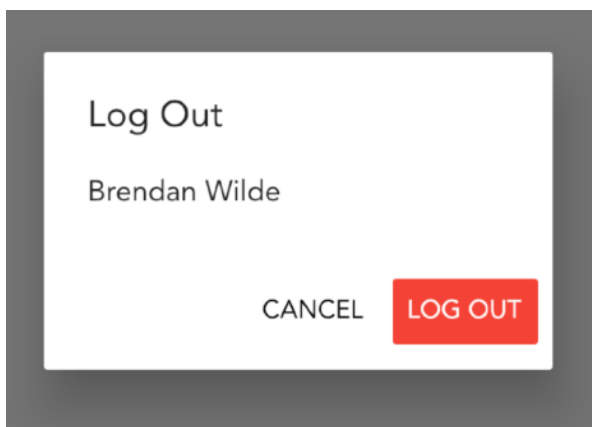
Press the person icon at the top left of the screen.



The User Details dialog will pop up, press “Log Out” at the bottom.



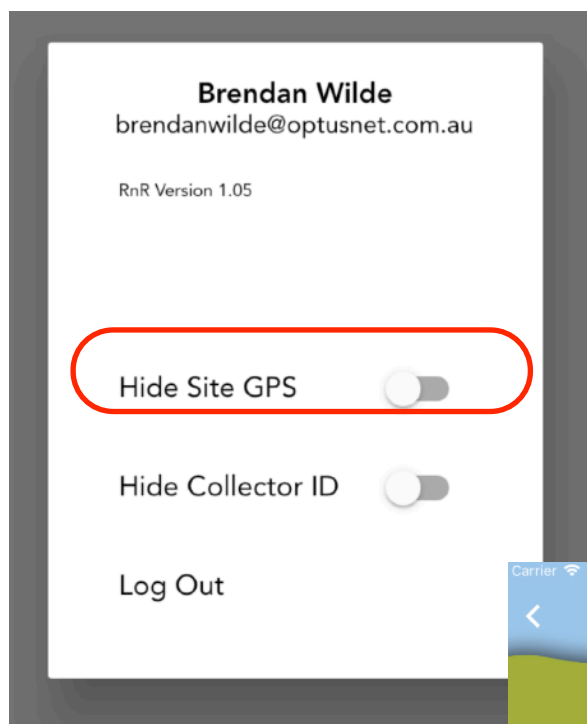
Another dialog will pop up to confirm you want to log out. Hit “LOG OUT”.  
When logging out all data will stay on the phone.



Press the person icon at the top left of the screen.



The User Details dialog will pop up with 2 preferences.

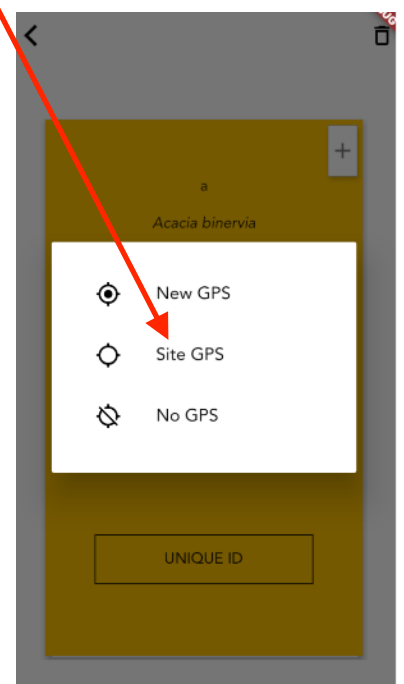
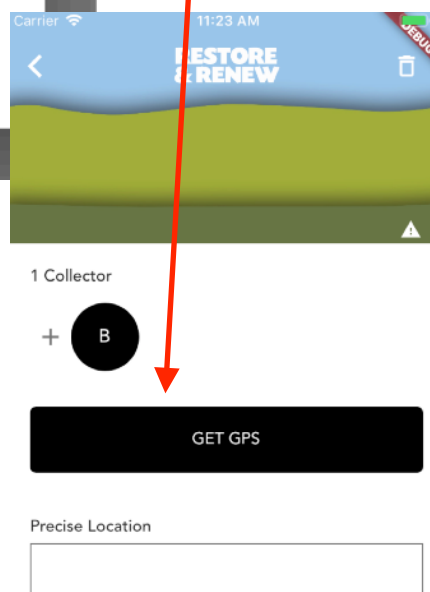


### Hide Site GPS

Sliding the button to the right will hide the “GET GPS” button on the site detail screen.

And hide the GPS selector on the collection screen. With this option on pressing the “GET GPS” button on a collection will automatically get a gps reading without the showing the extra options.

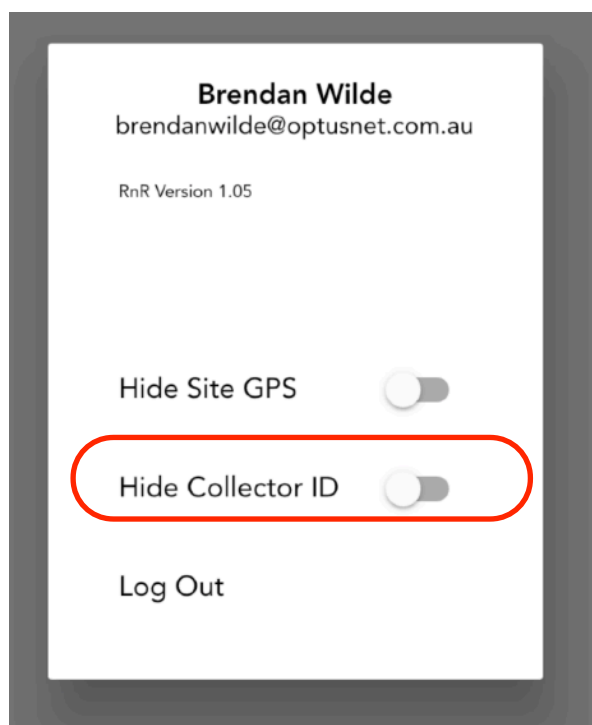
\*When you add a new site, the current user is added to that site. The preferences the user had when making that site are also taken into the site. Any new sites you add after changing the preference should inherit those settings



Press the person icon at the top left of the screen.

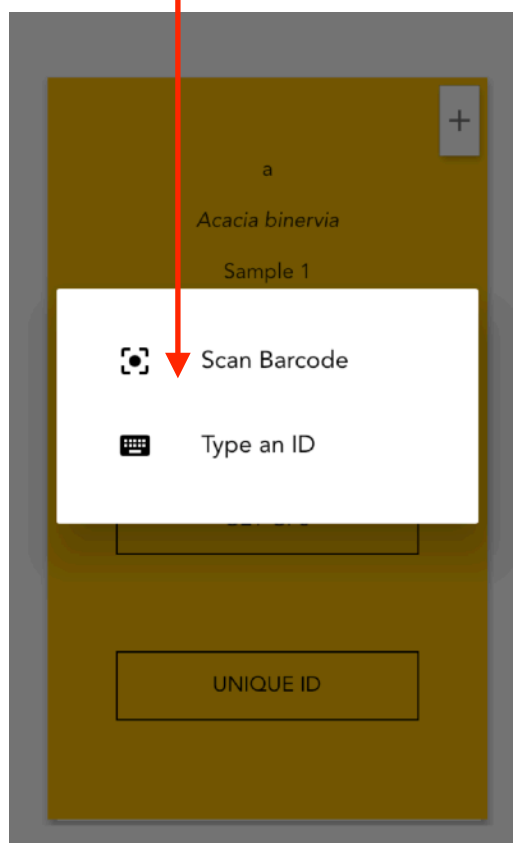


The User Details dialog will pop up with 2 preferences.



### Hide Collector ID

Sliding the button to the right will hide the options dialog showing on the collection screen. With this option on pressing the “UNIQUE ID” button will open the camera ready to scan a barcode.



\*When you add a new site, the current user is added to that site. The preferences the user had when making that site are also taken into the site. Any new sites you add after changing the preference should inherit those settings.

## 6 Add a flag from the home screen

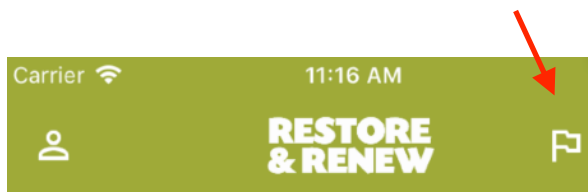
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“Flags” are a note of a plant Species at a location.

They are useful for recording where you have seen a plant, not seen a plant, or to take a note of a plant you saw and where you saw it.

There are 2 ways to create a flag.

1 click the Flag icon at the top right of the home screen.



This will bring up the Species selector list.

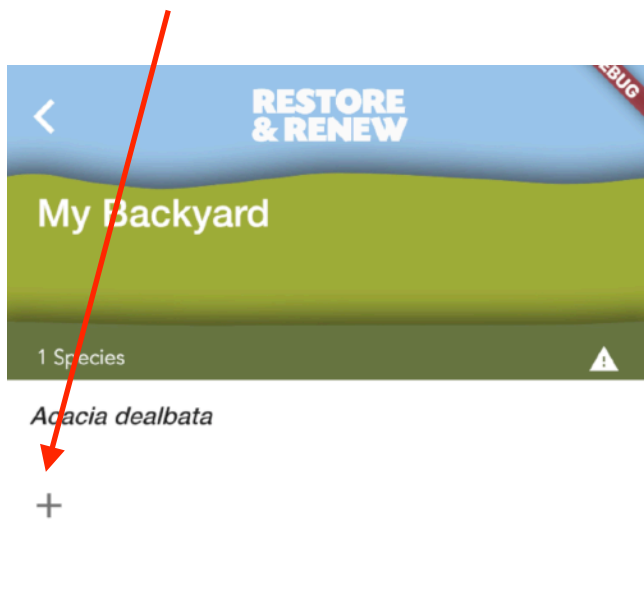
## 7 Add a flag from a site

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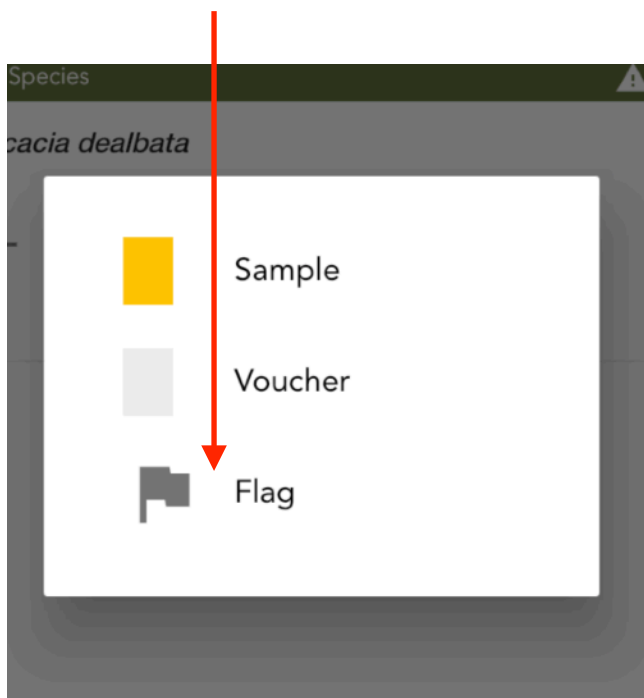
Add a Site. (see Adding a Site)

Add the Species you want to add a flag for. (see Adding a Species)

Press the “+” button under the species name.



This will open the collection type selector dialog.  
Hit the Flag Button.





## 8 Edit a flag type

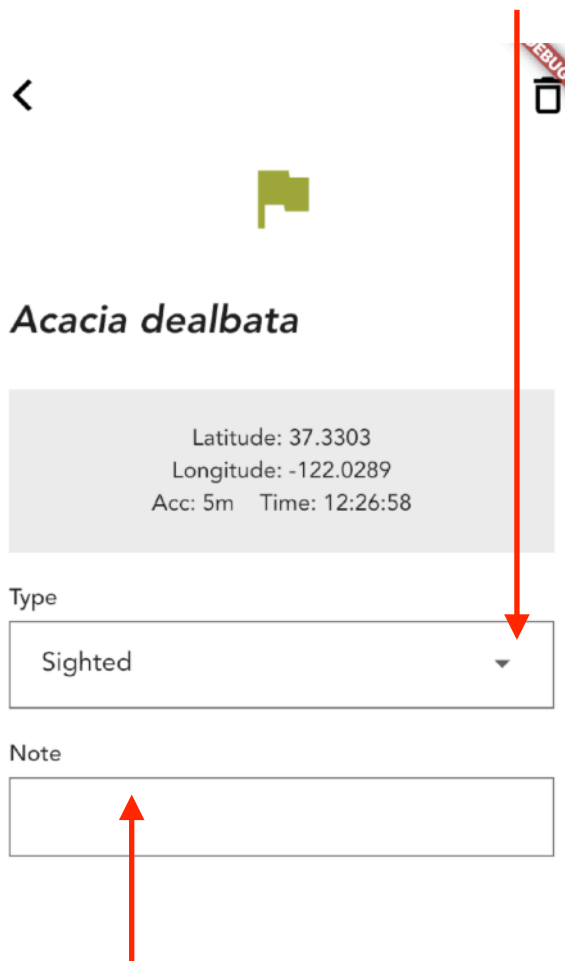
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If you have a flag on the home screen or a site, click on the flag to open it.

In the flag screen you can edit the flag type.

You can select

- “Sighted” (default) which is a green flag
- “Not Sighted” which is a red flag
- “Other” which is a grey flag



< 

***Acacia dealbata***

Latitude: 37.3303  
Longitude: -122.0289  
Acc: 5m Time: 12:26:58

Type

Sighted ▼

Note

There is also a note field that you can edit.

Anything that can be deleted will have a Trash Can icon in the top right hand corner. Click this to delete the item.

These things can be deleted:

A Site from the site screen.

A Species from the Site detail screen.

A Flag from the home screen.

A Flag from the species list.

A Sample collection from the species list.

A Voucher collection from the species list.

A Sample or Voucher from a pair of collections, i.e. a Sample and Voucher together.

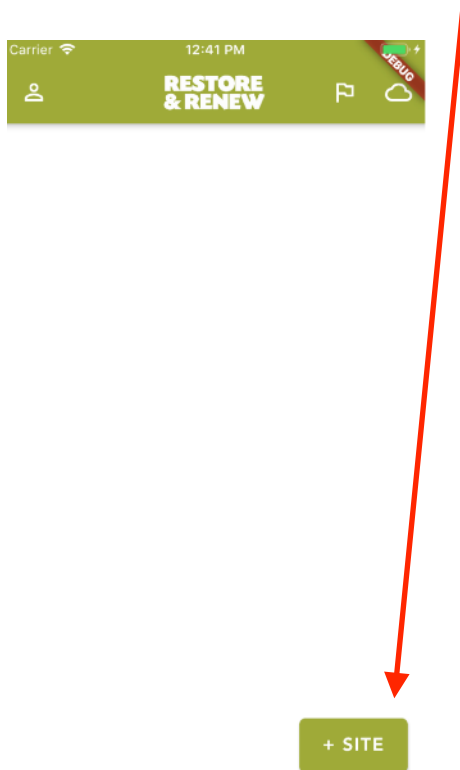
Look for a trash can icon top right hand corner of the screen.



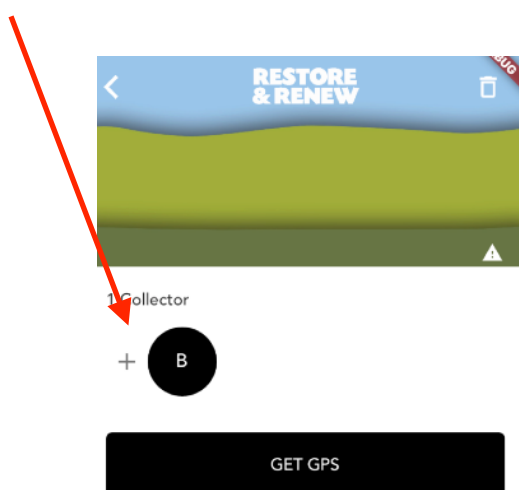
## 10 Adding a Site

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On the home screen is a “+ SITE” button at the bottom right.



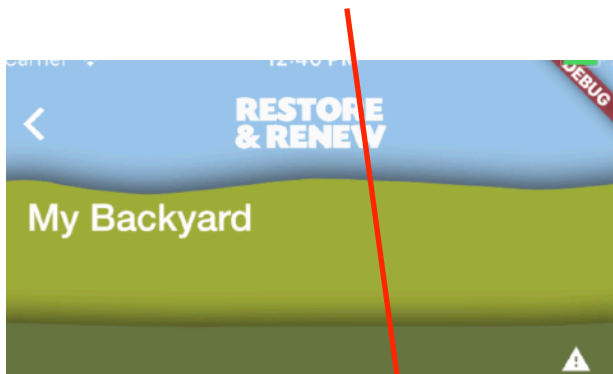
This will open a new Site with the logged in user as the first collector. A “Precise Location” is required, What you type here should help someone after you to find the site again.



## 11 Adding a Species to collect

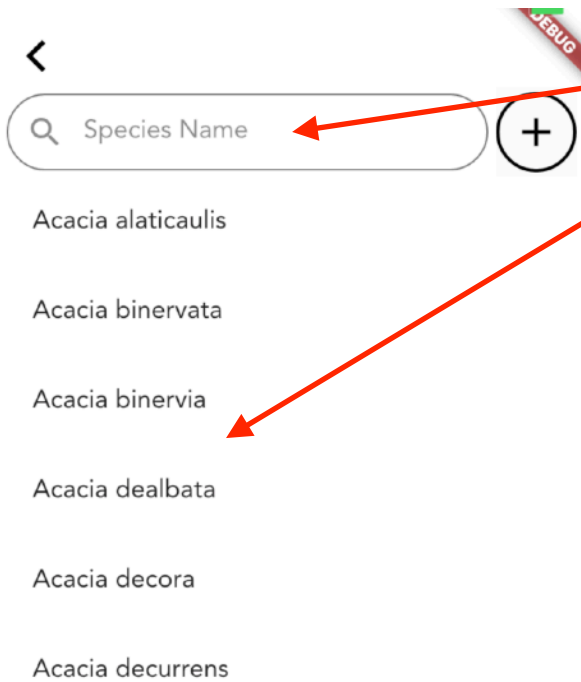
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On the Site detail screen there is a “+ SPECIES” button.  
Press this to select a species or add a new species.  
See “Using the Species selector”



The species selector works the same no matter how it is opened.

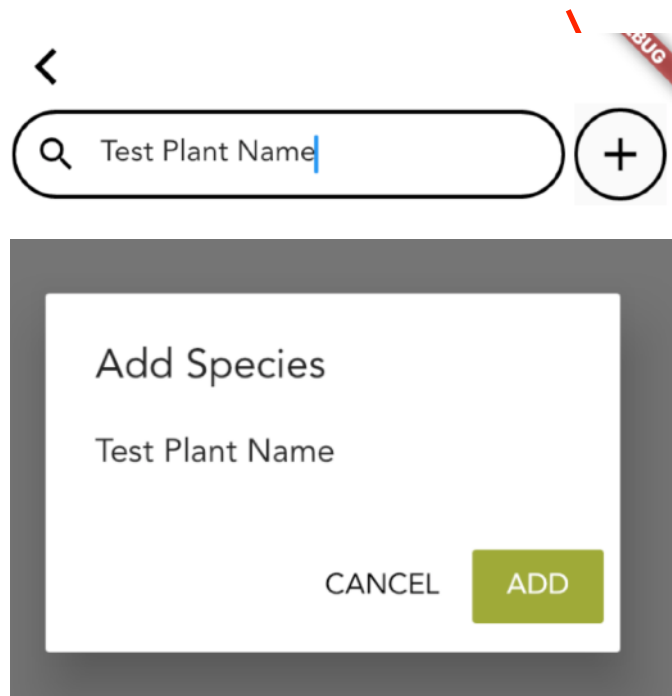
- 1 Type in the search field to look for your species.
2. If it shows up in the list, click it to use it.
3. If doesn't show up in the list, click the plus button to use it.



Type in the name of the species you are looking for in the search field. Or scroll the list.

Click the name you need from the list.

If you can't find the name you typed in the search field in the list of species then hit the plus button and you can add the new species name. Names you add will not be added to the species list. This list is plants that are part of the RnR project and your plant may not be part of this.



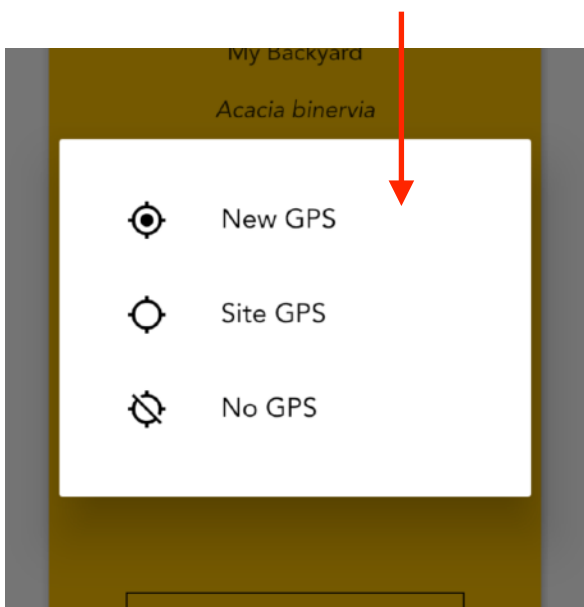
A Site GPS is a way of assigning the 1 gps location to all the collections made at that site. This is helpful if you want to make collections and fill out the app form later. You might mark the Site's GPS then fill in the collections in the car as you leave the site.

Add a Site. (See add a site)  
Click the GET GPS Button.



This will get a gps location for your site.

When you add collections to a species you can select, "Site GPS" from the gps picker.  
If you don't see the GPS picker see "User preferences Hide Site GPS"

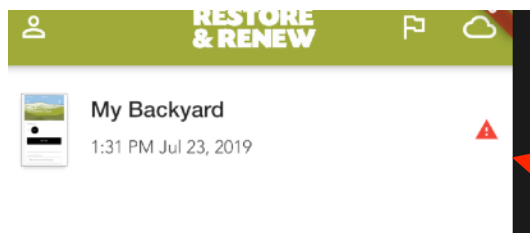


The other options on this window:

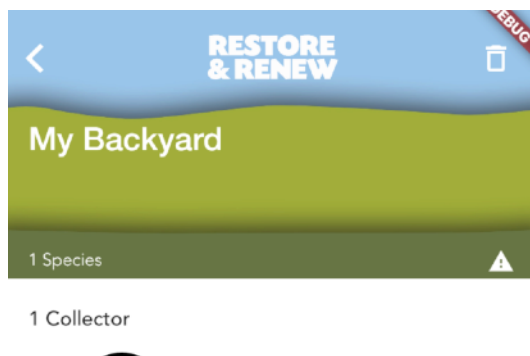
New GPS, gives the collection it's own gps

No GPS, allows you to set the gps to nothing and close the collection window. Each collection requires something in the gps field.

Alert icons will show when some information is missing that will prevent the data being uploaded.



This will show next to a site on the site list, when the site will not be uploaded.

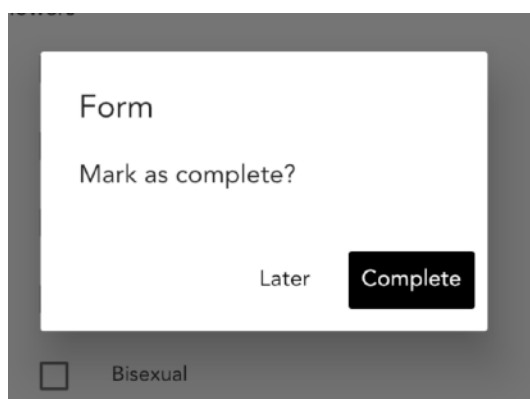


At the top of a Site form,



And next to the Species with issues.

Click the species name to open the form behind it. Fill out the form or hit the back button to leave the form.



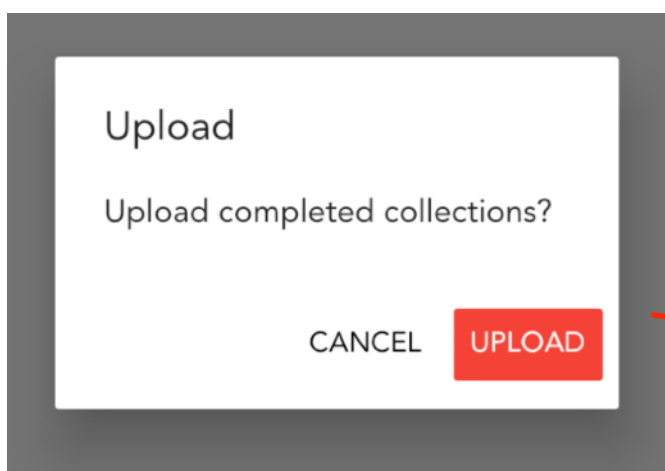
You will be asked if you want to complete the form. If you hit yes the application will think you are finished with this species and this species is ready to be uploaded.

If a site has any alert icons it will not upload. If you have a Species with no collections the site will display a white Alert icon. Either add a collection to the species or delete the species.

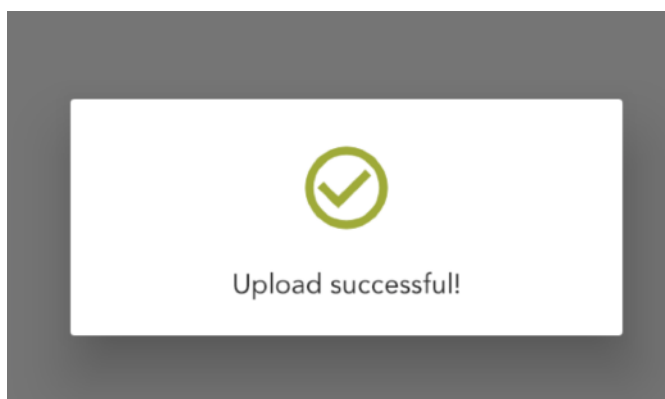
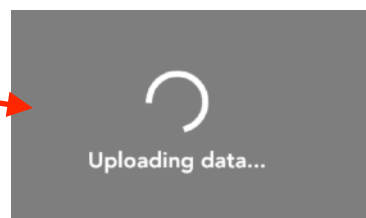
Sites and the collections attached to them can be uploaded anytime you have an internet connection. The data is sent as an email so if you are on a business wifi there is a chance the network will reject your upload. You should get an error message if this happens and you can try again when you are on a different network. If you are using your mobile data provider you shouldn't have any issues with sending.



Press the cloud button to upload.



If there is an internet connection you will get an Upload dialog. Click "UPLOAD"



When done you will get the following dialog and a green ticked cloud next to the uploaded sites.

Currently the sites remain on the device and you will need to delete them manually. You can edit the sites but can't upload them again. This will change in a future release.

If you are an RnR user the data will be emailed to your log in email address and to the RnR server. If you are a general public user the data will be emailed to the email address you used at log in.



**Version 1.06**

- Now sends an email to the logged in user and an email to the RnR server.

## TODO

- upload dialog show the count of sites ready to upload?
- delete sites once uploaded, can't be sure that they have been sent...

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**Version 1.05**

- added a log in as public or private user page
- now has 'public' and 'private' log in screens
- added initial (first only for public user), the code was in a constructor that I could get so just did 1 letter
- added back buttons on the public and private log in windows
- if collect is public don't show rnr collector names when you click on the icon for the collector
- if collect is public don't show the rnr collector list when they click the plus icon for a new collector
- now need to have a 'precise location' in a site before you can fill out the rest of the form
- added new user preferences for hiding the collector id and the site gps
- form hides until you fill out the precise location
- now shows the version number on the user prefs window, it's manually entered in the site list page

## TODO

- upload dialog show the count of sites ready to upload?
- on export check if the user has a password and send data to rnr (need an address from work)
- delete sites once uploaded, can't be sure that they have been sent...

## BUG

edit user screen crashes!!! fixed, changed the pop to happen inside the function that does the push

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**Version 1.04**

## CHANGES

- start rewriting the web database to change over from Firestore to mysql. Put on hold.