

Sentinel App
Quick Start Guide
May 2021

The app is available on the **Apple App Store** and **Google Play Store**, the easiest way to find it is by searching for “BIP Research” on either store, here’s how the listings look for each of them:

App Store



BIP Research

Bee Informed Partnership



AGE

4+

Years Old

CATEGORY



Utilities

DEVELOPER



Bee Informed Partner

LANGUAGE

EN

English

SIZE

28.5

MB

Google Play



BIP Research

The Bee Informed Partnership Tools

E Everyone

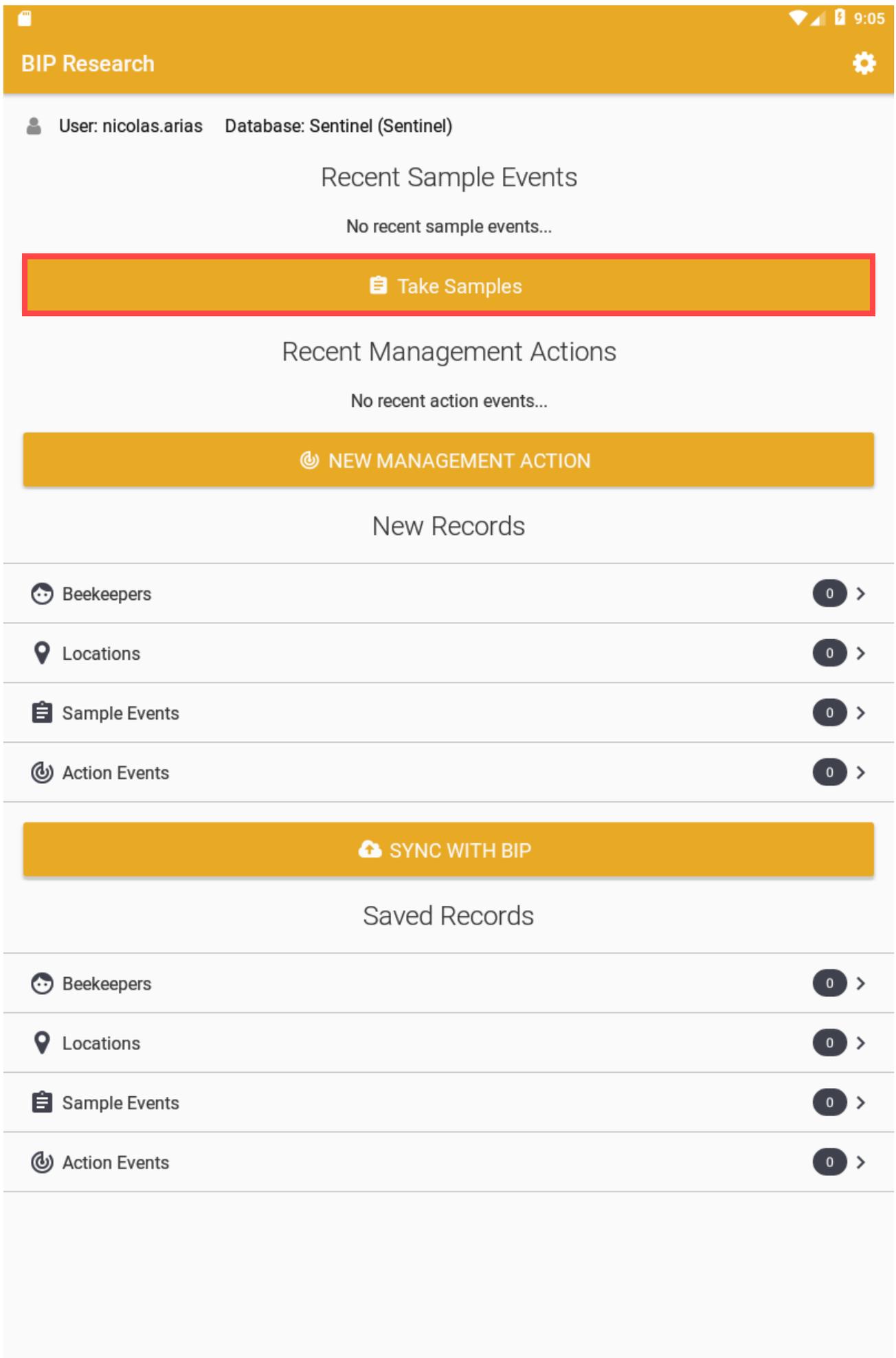
This app is available for all of your devices

Add to Wishlist

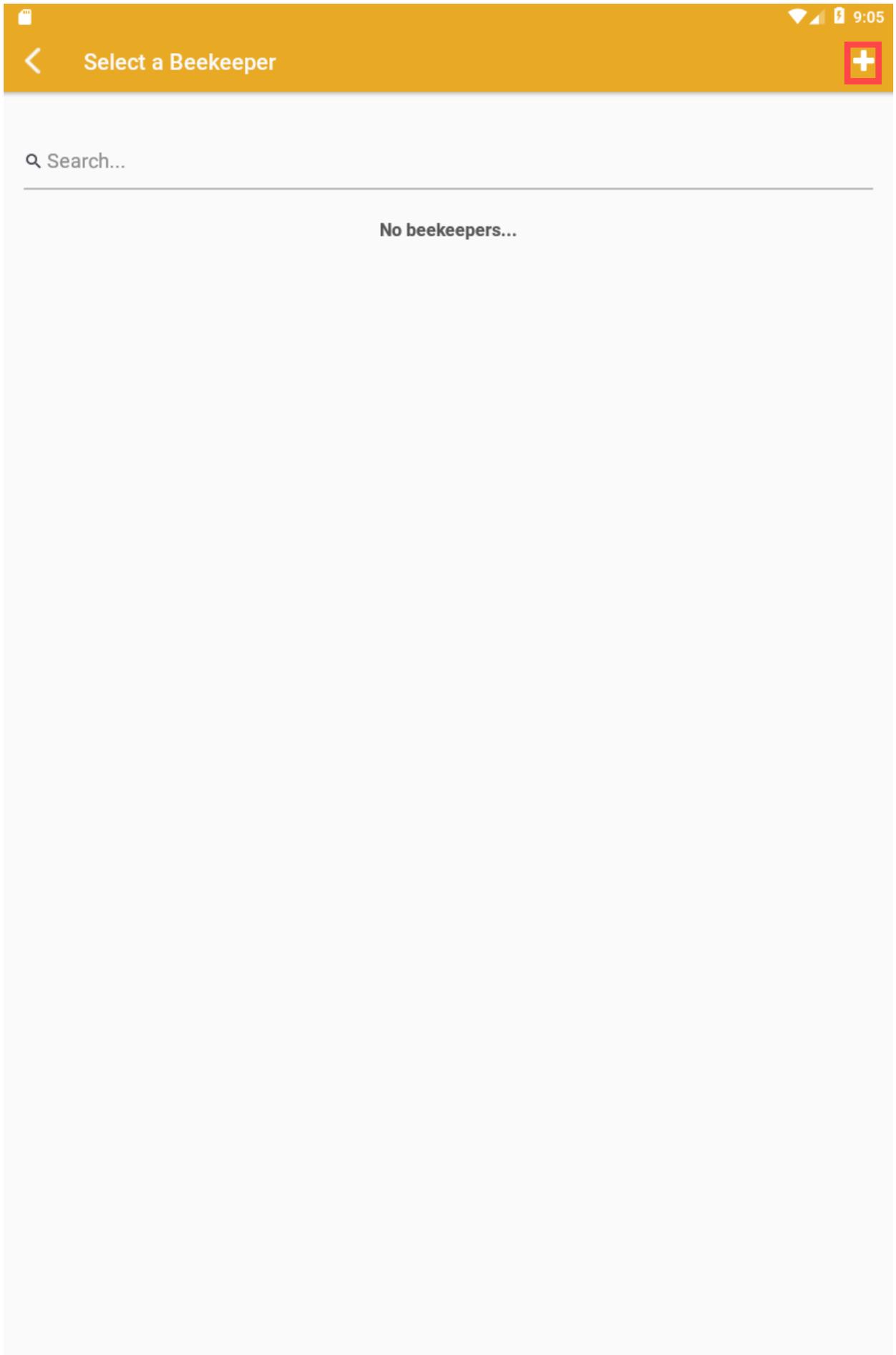
Install

The app is only available for **Phones** and **Tablet devices**. Currently, there is no way to enter your Sentinel records on your computer.

Get started by tapping the “Take Samples” button.



This screen shows the list of available beekeepers. Since there are no beekeepers, we need to create a new one. Tap the plus button at the top right corner of the screen to create it.



Fill in the details for the beekeeper and tap the save icon to finish creating it.

Android status bar: 9:10

← Edit Beekeeper  

First Name
Nicolas

Last Name*
Arias

Phone Number

Email

Address Line 1

Address Line 2

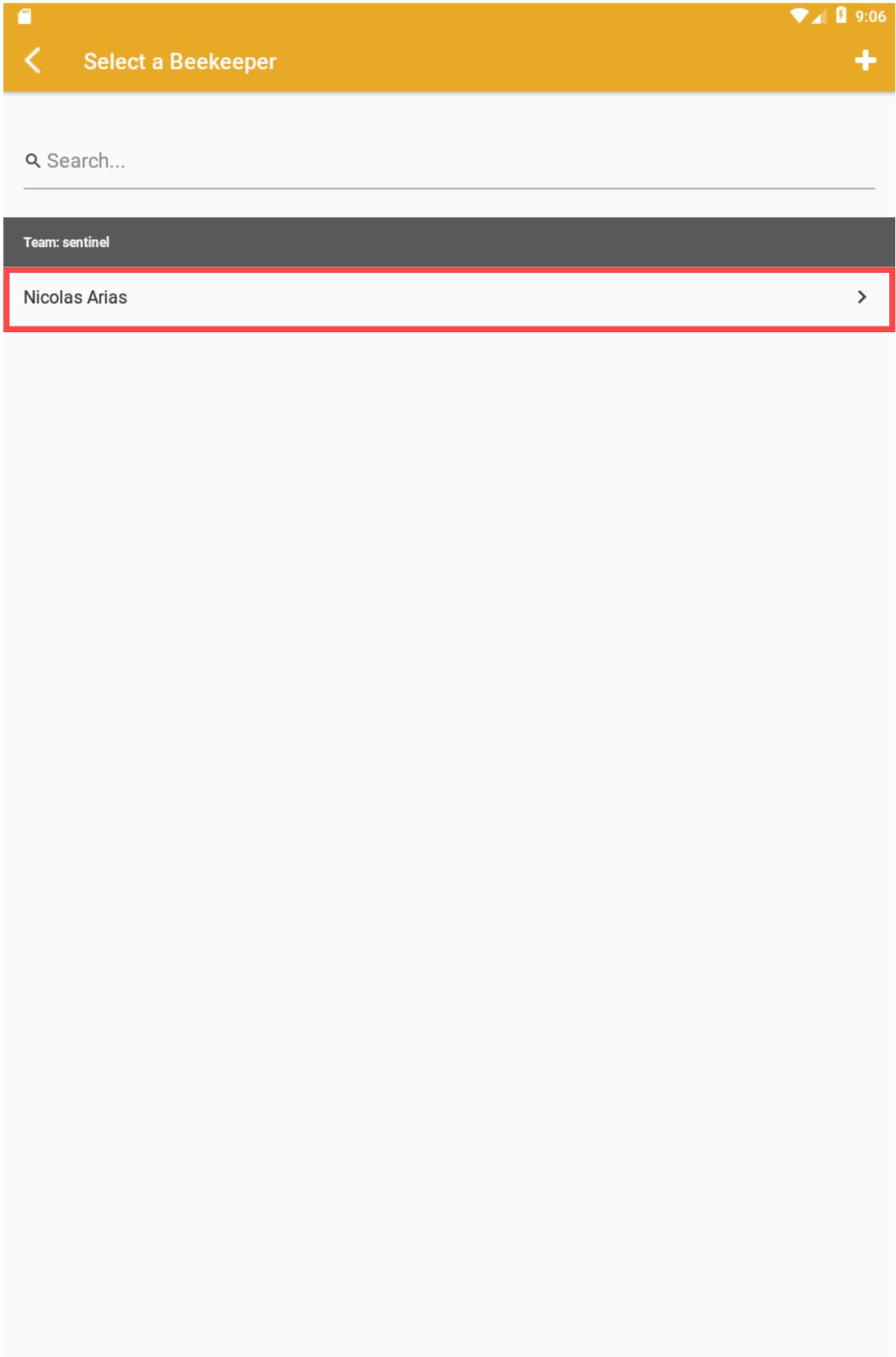
City

State

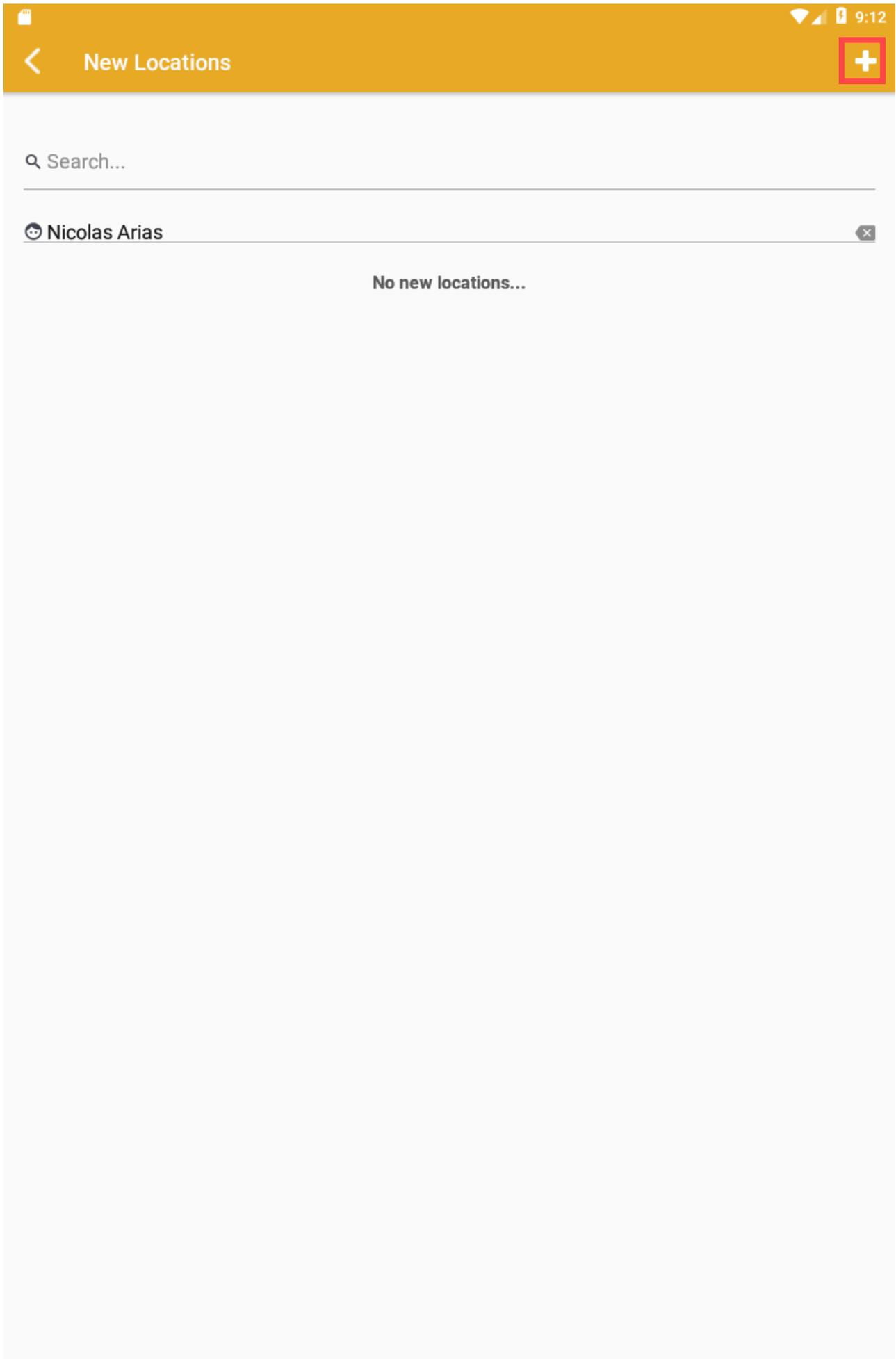
Zip Code

Android navigation bar

Once the record has been created, you'll be taken back to the beekeepers list. Tap the beekeeper's name to select it .



The next screen shows the different locations associated with the selected beekeeper. Tap the plus button to create a new location.



Enter the details for the location. You can tap the map image or the “Pick From Map” button to select the exact location from the map, or you can enter the coordinates by hand if you have them.

If you have selected the location from the map or entered the coordinates yourself, it's not required to fill in the address information.

9:06

← New Location

Beekeeper

Nicolas Arias

Location Name

My Yard



PICK FROM MAP

Latitude

37.4219977

Longitude

-122.0839723

State

Select...

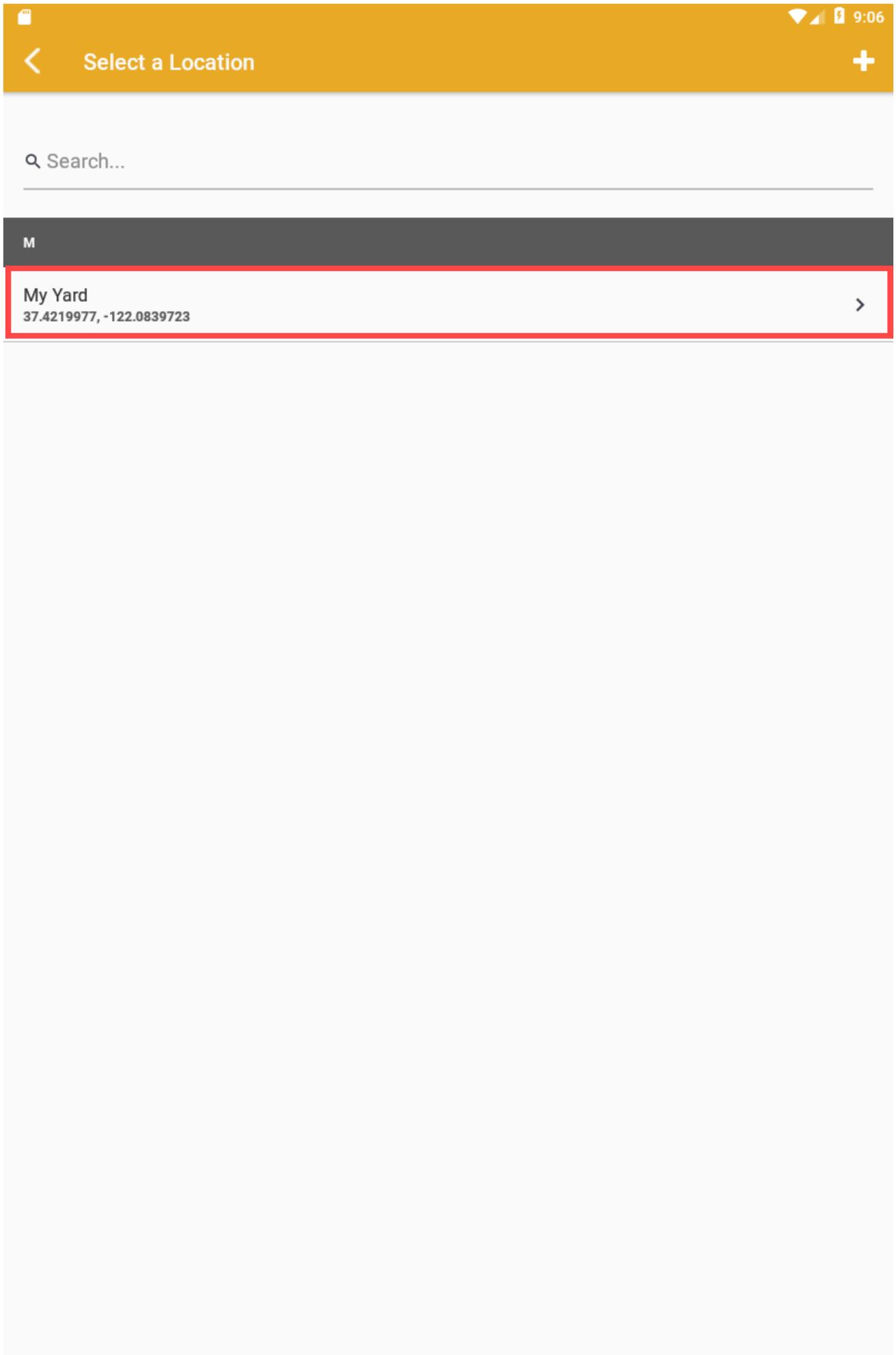
County

Select a state first

Street Address

City

Tap the location name to select it for sampling.



The first part of the form is used to enter general yard level information.

After entering it, you can tap the “+ Sample” button to start recording data for each individual sample.

← New Sample Event

Beekeeper
Nicolas Arias

Location
My Yard

Collection Date
Apr 15th 2021

Sampler

Event Notes

Samples

+ SAMPLE

Reason for Sampling

Total Colonies

Healthy Colonies

Non-healthy Colonies

Dead Colonies

Seasonal Info

The sample form consists of three different sections: Colony Status, Equipment and Inspection. You can navigate through them by tapping the section at the bottom of the screen.

The screenshot shows a mobile application interface for a 'New Sample' form. The top bar is orange with a back arrow, the title 'New Sample', and a save icon. The form contains several sections: 'Colony is...' with radio buttons for 'ALIVE', 'DEAD', and 'NON-VIABLE'; 'Colony Number' and 'Bottle ID' as text input fields; 'Yard group' as a text input field; 'Queen Status' with a dropdown menu currently showing 'Queen Right'; 'Frames of Bees' and 'Brood Pattern' as range sliders, both currently set to 'n/a'; and 'Notes' as a text input field. At the bottom, a light blue bar contains an up arrow icon. Below this is a red-bordered navigation bar with three items: 'Equipment' (selected), '10 Frames Type: Field', and a right arrow. The Android navigation bar is visible at the very bottom.

Colony is... **ALIVE** DEAD NON-VIABLE

Colony Number

Bottle ID

Yard group

Queen Status

Queen Right

Frames of Bees

n/a

Brood Pattern

n/a

Notes

Equipment >

10 Frames Type: Field

The last thing you must do is to go back to the home screen and tap on the “SYNC WITH BIP” button. This will upload the records to our server so that the lab can process your samples.

