

ArcGIS Collector App for Natural Resources in State Parks

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CA State Parks
7th November 2016



Overview

- Collector Application
- Benefits
- Questions??



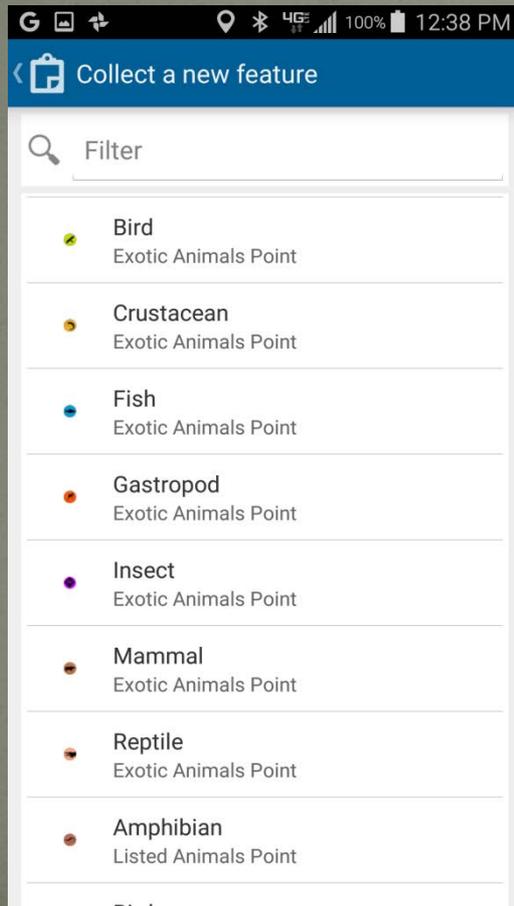
Collector Application

- To document natural resource observations
- Data collected in the field (handheld devices)
- Data is geo-referenced
- Can help inform policy, funding, and management decisions

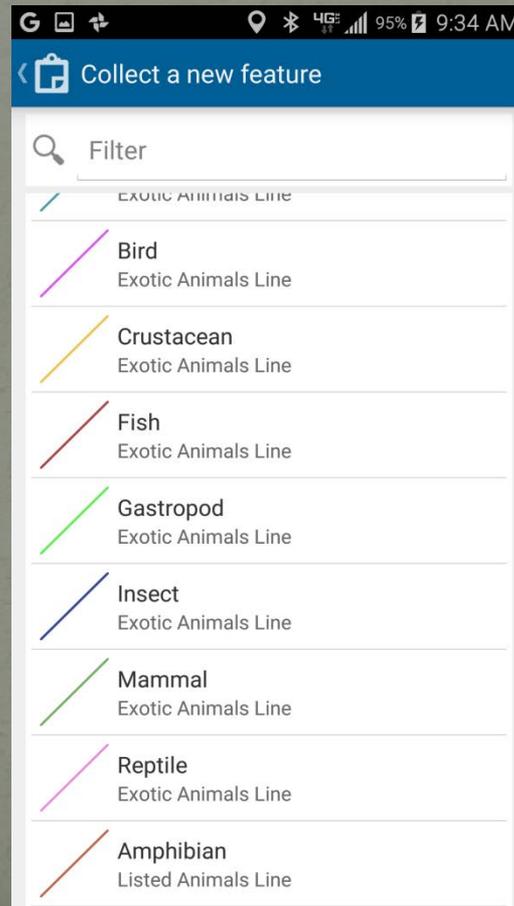


Features

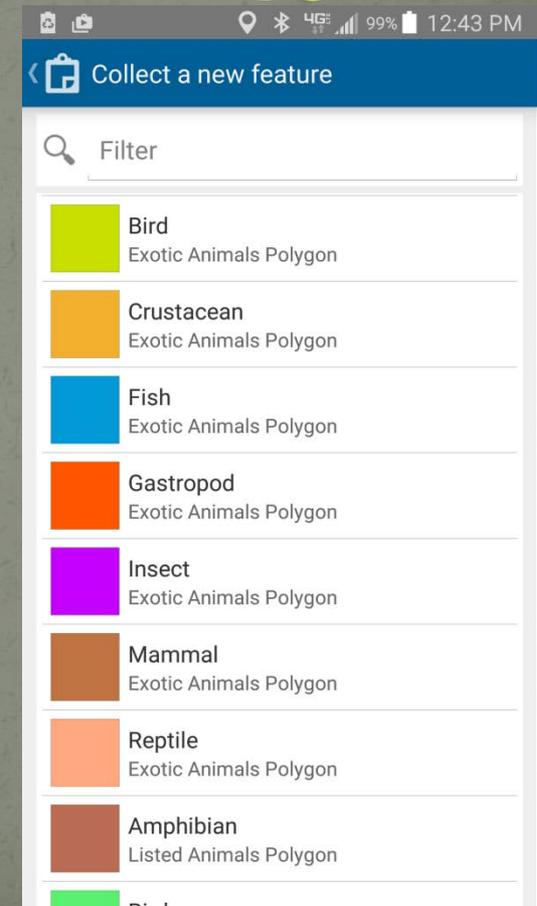
Point



Line



Polygon



All Maps 5



MUDatasheetCapital

Sep 21, 2016 | California State Parks ... [Download](#)



MUDatasheetGold-Fields

Mar 15, 2016 | California State Parks ... [Download](#)



MUDatasheetDiabloVista

Downloaded: Oct 28, 2016 [Sync](#)

<  Collect a new feature

 Filter

 **Bird**
Exotic Animals Point

 **Crustacean**
Exotic Animals Point

 **Fish**
Exotic Animals Point

 **Gastropod**
Exotic Animals Point

 **Insect**
Exotic Animals Point

 **Mammal**
Exotic Animals Point

 **Reptile**
Exotic Animals Point

 **Amphibian**
Listed Animals Point

Bird



Listed Animals Point:

long:-121.49723783 lat:38.57640242

ANIMAL TYPE

Bird

FULL NAME

Bald Eagle (*Haliaeetus leucocephalus*)

OBSERVATION CONFIDENCE

likely

PRESENCE INDICATOR

indirect

BEHAVIOR

fly-over

IMMEDIATE THREATS

visitor impact





SPATIAL REPRESENTATION

line

SPATIAL UNITS

square meters

AREA SIZE

1

SPATIAL CONFIDENCE

questionable but likely

EXTENT

widespread

EXTENT CONFIDENCE

likely

DENSITY

low

DENSITY CONFIDENCE





SPATIAL CONFIDENCE

questionable but likely

EXTENT

widespread

EXTENT CONFIDENCE

likely

DENSITY

low

DENSITY CONFIDENCE

definite

CURRENT MANAGEMENT ACTION

unknown

NOTES

ATTACHMENTS





SPATIAL CONFIDENCE

questionable but likely

EXTENT

widespread

EXTENT CONFIDENCE

Add attachment from

 <p>Camera</p>	 <p>Gallery</p>
---	--

CURRENT MANAGEMENT ACTION

unknown

NOTES

it's raining today

ATTACHMENTS

<  Collect a new feature

 Filter

 Exotic Animals Line

 Bird
Exotic Animals Line

 Crustacean
Exotic Animals Line

 Fish
Exotic Animals Line

 Gastropod
Exotic Animals Line

 Insect
Exotic Animals Line

 Mammal
Exotic Animals Line

 Reptile
Exotic Animals Line

 Amphibian
Listed Animals Line



PROTOCOL

MU inspection

ANIMAL TYPE

Insect

FULL NAME

zed Honeybee (*Apis mellifera scutellata*)

OBSERVATION CONFIDENCE

<No value>

PRESENCE INDICATOR

<No value>

ANIMAL BEHAVIOR

<No value>

SPATIAL REPRESENTATION

<No value>

SPATIAL UNITS

STREAM





SPATIAL CONFIDENCE

<No value>

EXTENT

<No value>

EXTENT CONFIDENCE

<No value>

DENSITY

<No value>

DENSITY CONFIDENCE

<No value>

CURRENT MANAGEMENT ACTION

<No value>

NOTES

ATTACHMENTS



69.4 ft

< Collect a new feature

Filter

 Bird
Exotic Animals Polygon

 Crustacean
Exotic Animals Polygon

 Fish
Exotic Animals Polygon

 Gastropod
Exotic Animals Polygon

 Insect
Exotic Animals Polygon

 Mammal
Exotic Animals Polygon

 Reptile
Exotic Animals Polygon

 Amphibian
Listed Animals Polygon

 Bird



Fire Burn Polygon:

No valid length

PROTOCOL

<No value>

FIRE TYPE

<No value>

FIRE NAME / PROJECT NAME

BURNED PERIMETER MILES

BURNED AREA ACRES

DATE STARTED

November 04, 2016

Use current

DATE ENDED





FIRE NAME / PROJECT NAME

BURNED PERIMETER MILES

BURNED AREA ACRES

DATE STARTED

November 04, 2016

🕒 Use current

DATE ENDED

November 04, 2016

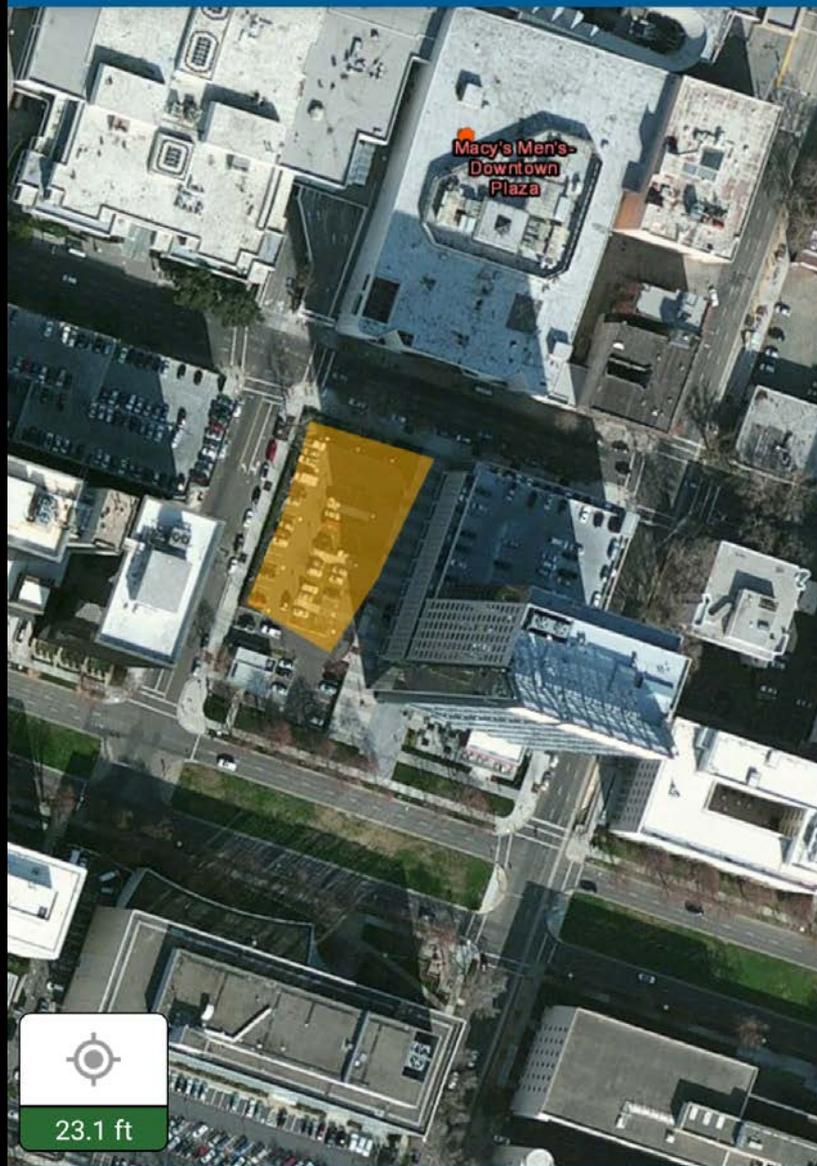
🕒 Use current

OBSERVATION CONFIDENCE

<No value>

NOTES

ATTACHMENTS



23.1 ft

Benefits

- Being able to collect data in the field and have it geo-referenced
- Cloud based
- Simple interface
- Ability to use on Android, iOS, and now Windows platform
- Easy configuration and setup
- Disconnected editing
- Take photos and videos on the fly and they are linked to the feature you are taking data for



Questions???

