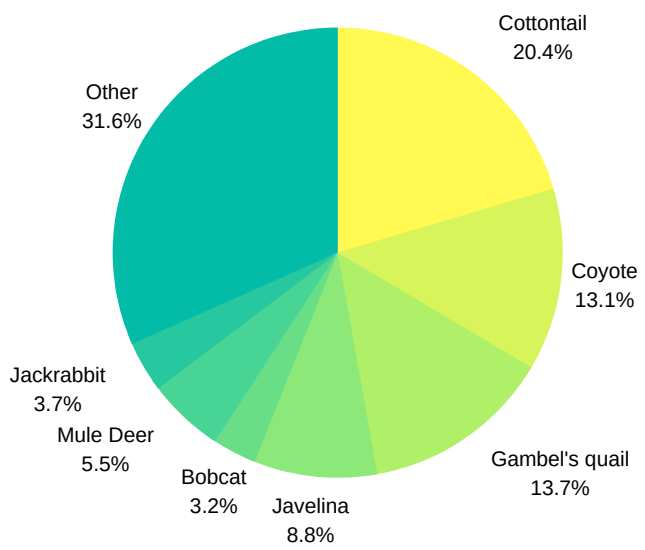




# Oro Valley Wildlife

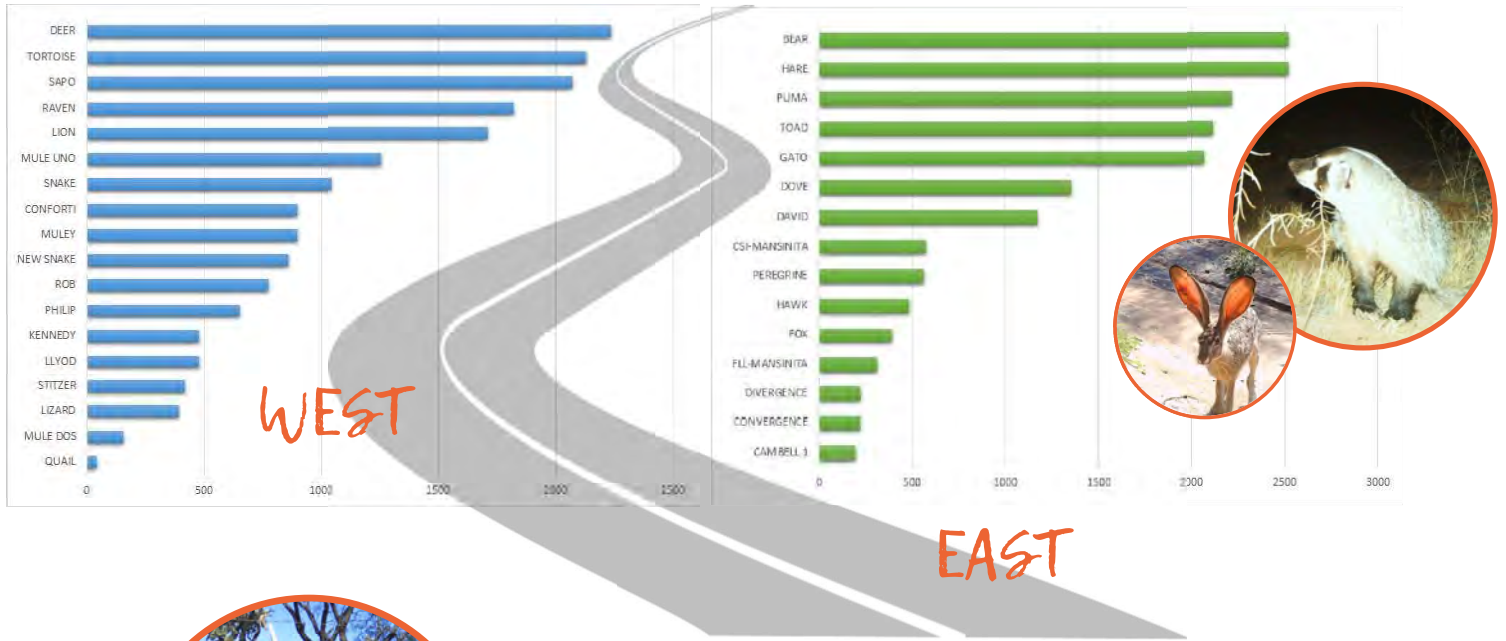
In 2012 we began monitoring wildlife near the Oracle Road wildlife bridge and underpasses, which were completed in May 2016. Our goal is to study wildlife trends before and after the construction of the wildlife crossings, to highlight successes, and to identify emerging issues, lessons learned, and needed improvements.



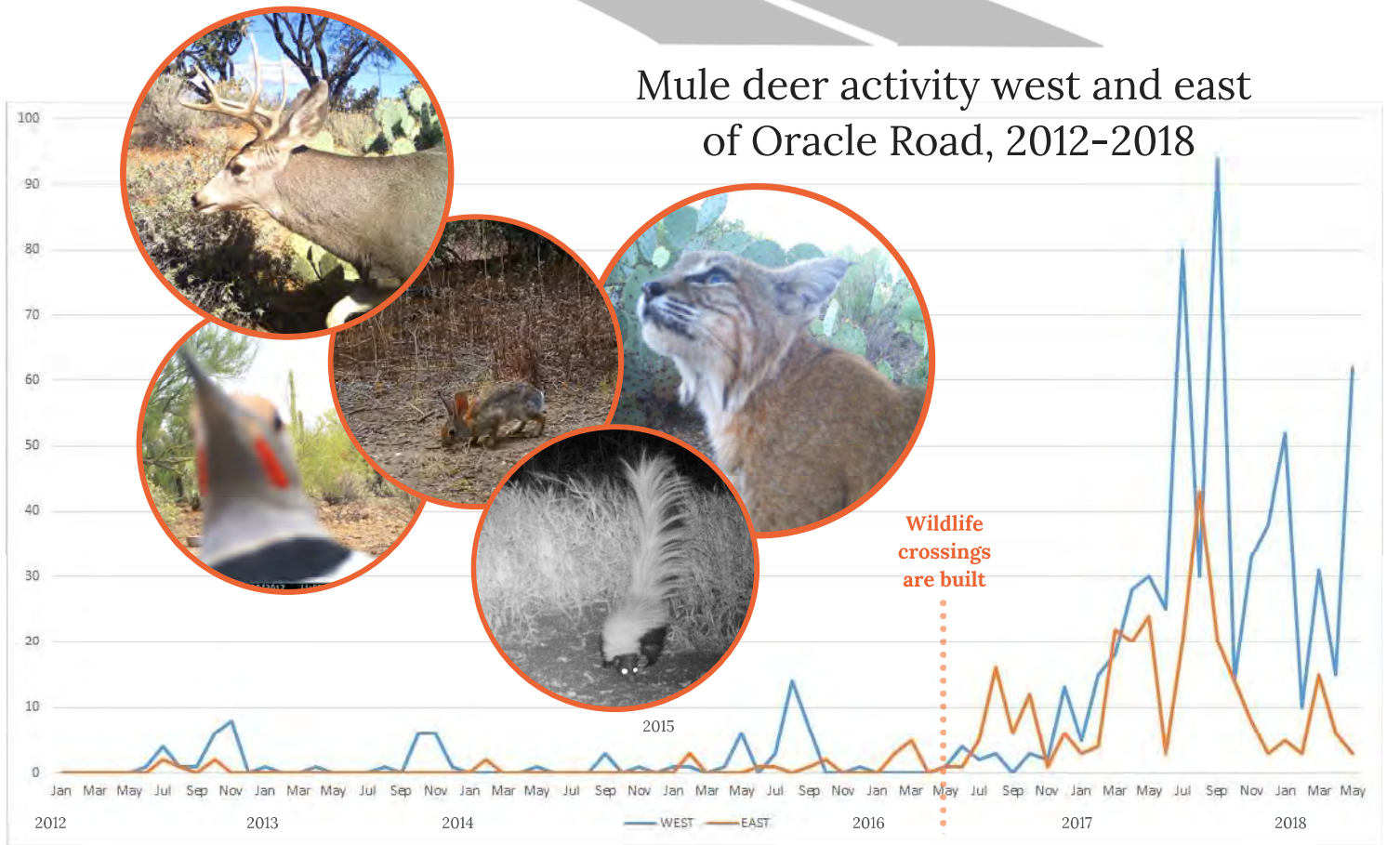
-  **49 sites (30 active)**
-  **62+ species**
-  **77,500+ photos**
-  **37 Desert Monitors**

# Oro Valley Wildlife

Number of monitoring days (effort) by location, 2012-2018



Mule deer activity west and east of Oracle Road, 2012-2018



Comparing sites HARE, PUMA, TOAD, DAVID, PEREGRINE, CSI (EAST), and DEER RAVEN, LION, TORTOISE, CONFORTI, LLOYD (WEST)



# Catalina State Park


Progress Report: November 2019

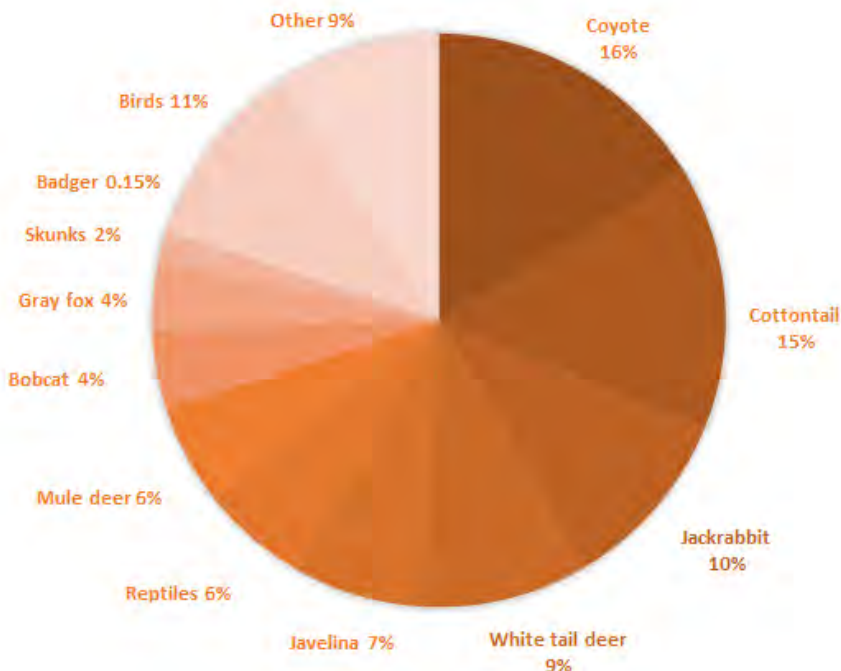
Since 2009

 14 sites (11 active)

 3,800+ days

 30+ species

 11,000+ photos

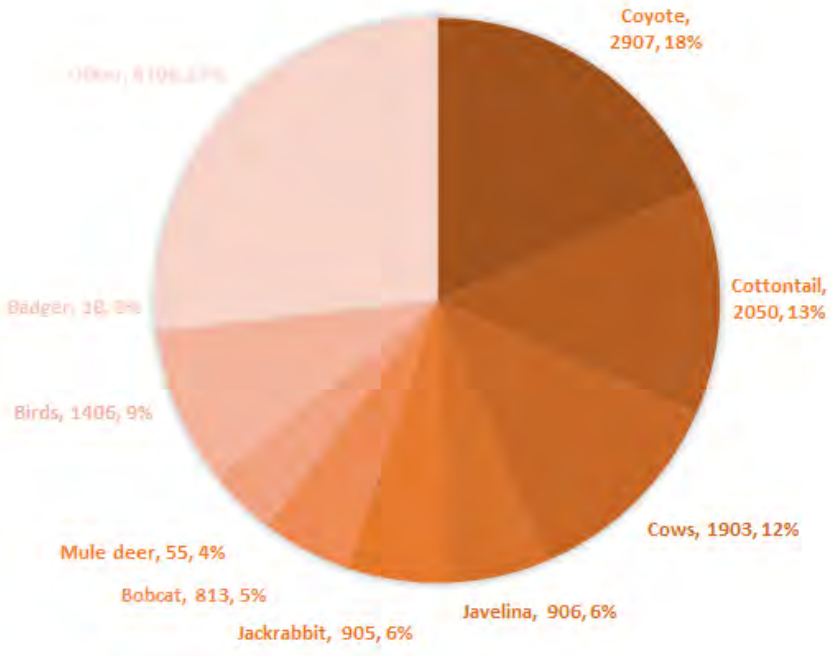


**Notable animal appearances include:** Mountain lion, badger, desert tortoise, Gila monster, raccoon, ringtail, and all four species of skunk: hooded, striped, hognose, and spotted. Spotted skunks are rare, with just two records from the BEAR camera, in 2012 and 2015. There appears to be a good balance of predator and prey animals in both species and abundance, and excellent meso-carnivore diversity.







# Big Wash Cameras

Progress Report: November 2019



## Since 2012

-  **13 sites (4 active)**
-  **2,700+ days**
-  **27+ species**
-  **20,200+ photos**

**Notable animal appearances include:** Badger, hooded skunk, striped skunk, white-tailed deer, gray fox, raccoon, and desert tortoise. A female mountain lion has appeared twice, on the SAPO and DEER cameras.

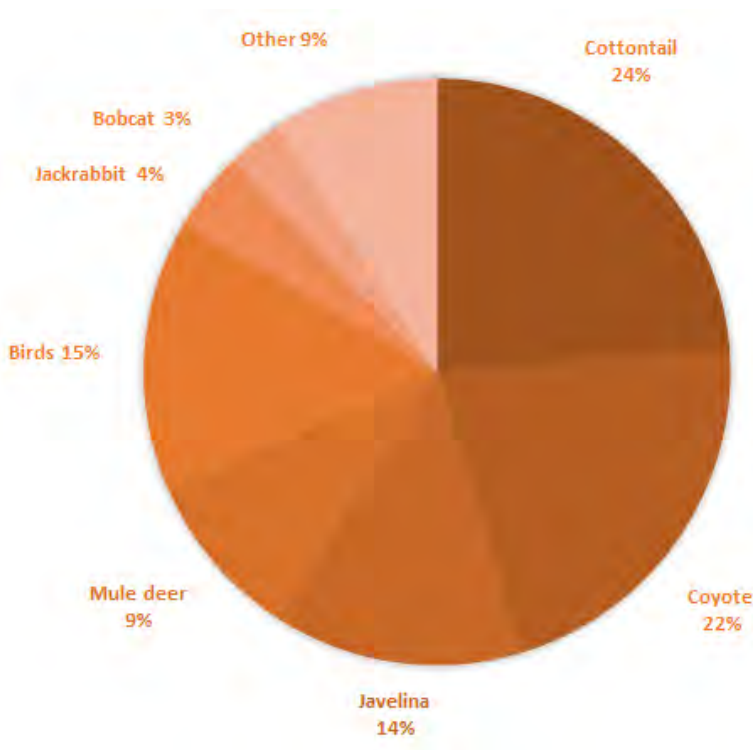


# Wildlife Underpass

Progress Report: November 2019

Since 2012

- 📍 11 sites (6 active)
- ☀️ 3,000+ days
- 👂 28+ species
- 📷 10,000+ photos

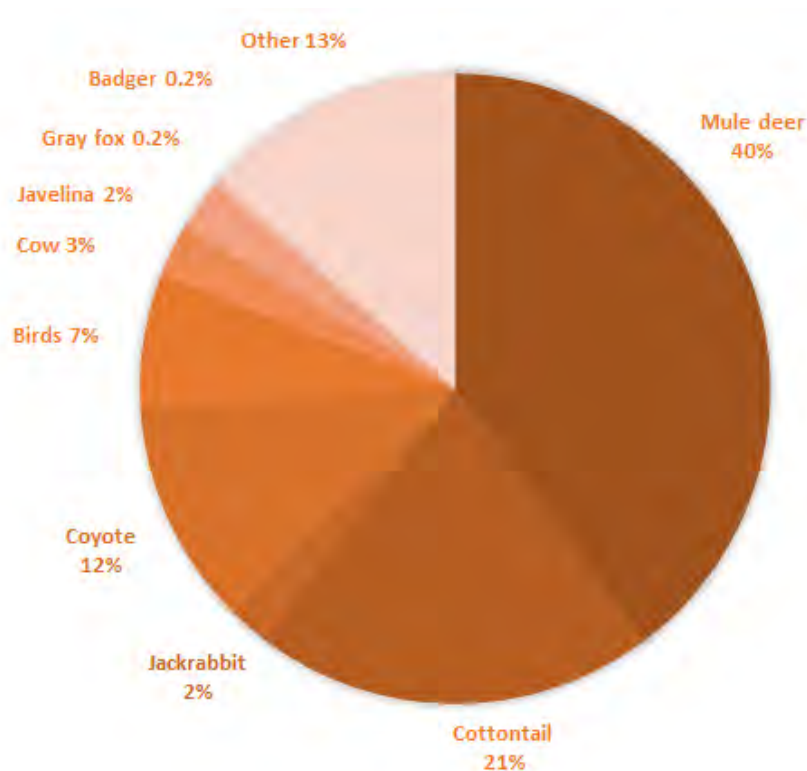


Notable animal appearances include: **Bighorn sheep, white-nose coati, badger, raccoon, Gila monster, and white-tail deer.** Of these species, only the coati and white-tail deer have used the underpass, to date. The bighorn and coati were photographed east of the underpass. **Badgers have been photographed both east and west, including a female with young.** Six cameras were placed west, and five east, of the wildlife underpass.






# Wildlife Bridge Cameras

Progress Report: November 2019



**Since 2016**

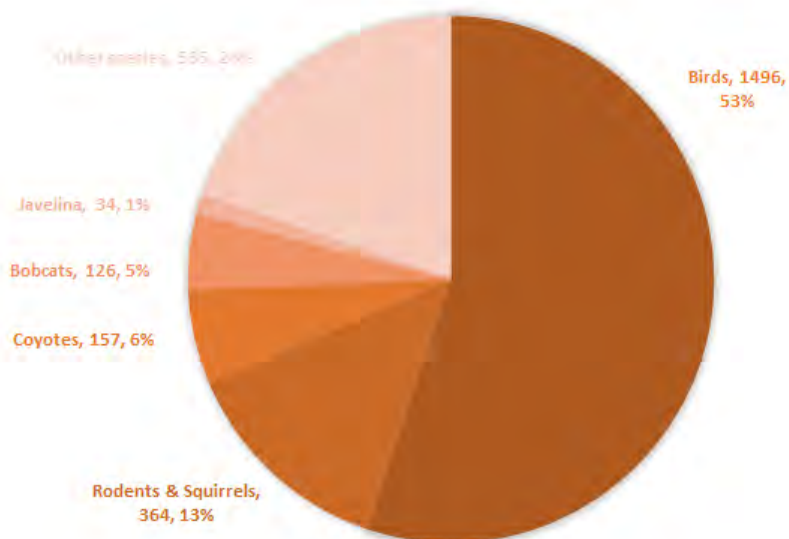
-  **9 sites**
-  **1,000+ days**
-  **25+ species**
-  **4,800+ photos**

**Notable animal appearances include:** Badger, hognose skunk, hooded skunk, striped skunk, and gray fox. Of these species, only the badger has been documented using the bridge, with one occurrence to date. Four cameras were placed west of the wildlife bridge on Oracle Road, and five cameras were placed on the east approach.




# Mule Camera

Progress Report: November 2019



## Since 2014

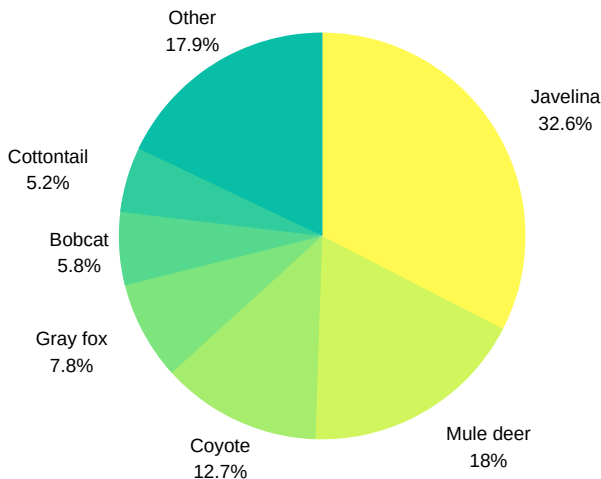
-  **2,224 days**
-  **17+ species**
-  **2,800+ photos**





**Notable animal appearances include:** 1 badger, 2 Gila monsters, 6 other reptiles, 1 hummingbird, 1 hawk, 19 roadrunners, 2 gray foxes, 10 rabbits, and 5 owls.



# Tucson Mountains

We began monitoring the northern portion of the Tucson Mountains and Avra Valley in 2015. Our goal is to provide new information from understudied areas on the outskirts of protected habitat found in Tucson Mountain Park and Saguaro National Park West, and to highlight the importance of mobility for Sonoran Desert wildlife moving between the Tucson and Tortolita mountains and in the I-11 corridor.

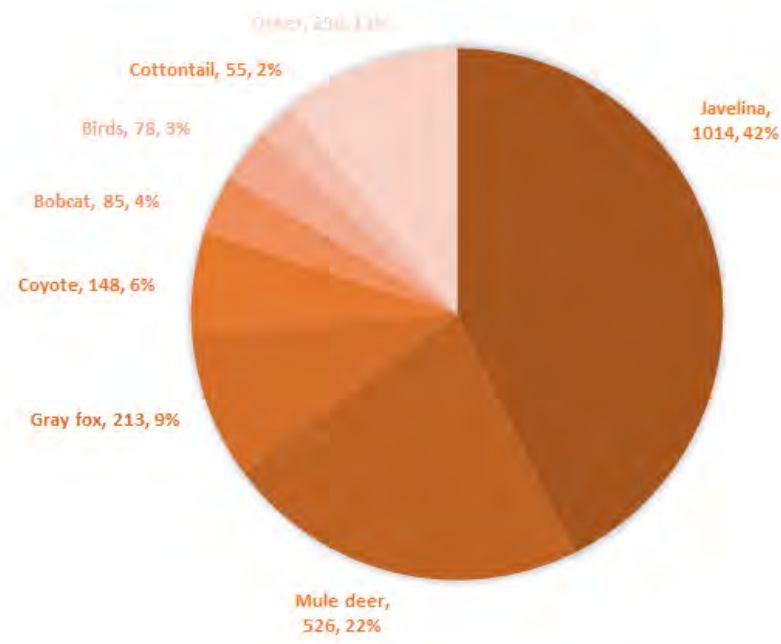


-  **23 camera sites**
-  **30 species**
-  **5,900+ photos**
-  **12 Desert Monitors**







# Scenic Drive Cameras

Progress Report: November 2019



## Since 2015

-  **12 sites (9 active)**
-  **1,400+ study days**
-  **15+ species**
-  **3,000+ photos**





**Notable animal appearances include:** Badger, ringtail, raccoon, hooded skunk, and striped skunk. These are important meso-carnivores in the desert ecosystem. In addition, a mountain lion appeared in December 2017 on the Nyssa camera, which is the only camera at a water source.

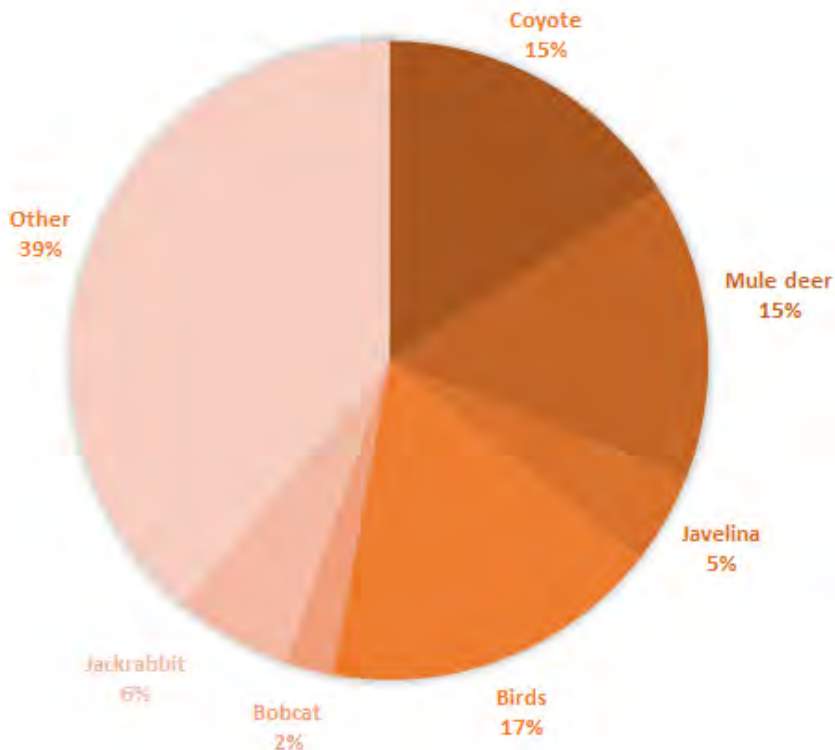


# Avra Valley

Progress Report: November 2019

**Since 2016**

-  **2 sites**
-  **900+ study days**
-  **12+ species**
-  **400+ photos**





# Carpenter Camera

Progress Report: November 2019

Since 2018



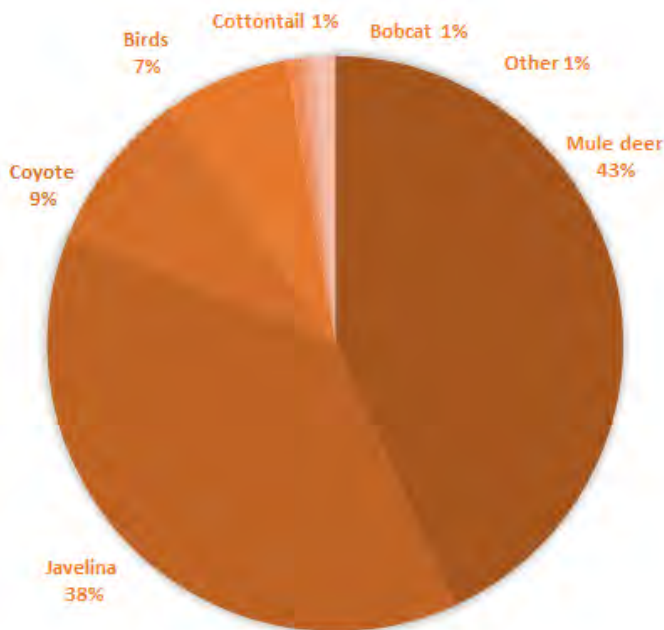
630+ days



10+ species



1,300+ photos

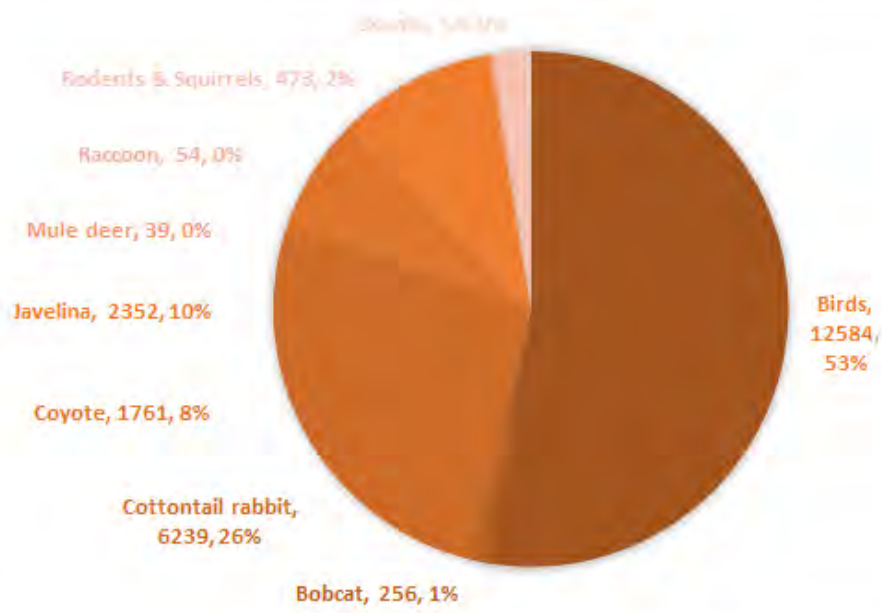


Notable animal appearances include raccoon and gray fox. This camera is located at a water source and receives high amounts of wildlife activity, primarily from mule deer and javelina, and has produced more of photos of **animals with young** than any other camera in our program to date.



# Gato Camera

Progress Report: November 2019



## Since 2012

- 2,400+ days
- 37+ species
- 36,800+ photos





**Notable animal appearances include:** Badger, painted redstart, roadrunners, western tanagers, desert tortoise, striped and hooded skunks, whitetail deer, gray foxes, elf owl, and ladderback woodpeckers. A coyote family with pups made frequent appearances in 2018 and 2019. **This camera site has the highest number of species in our program to date.**

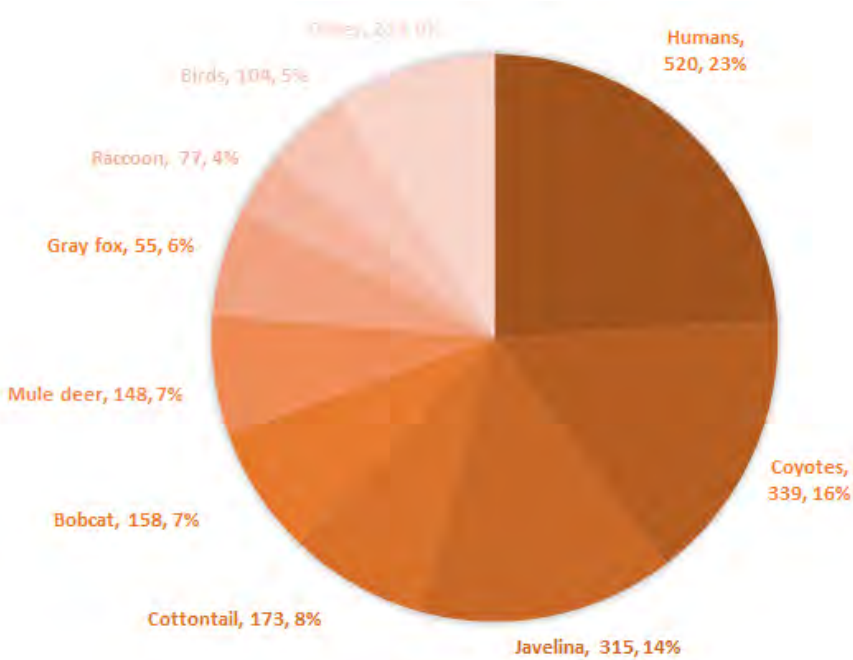


# Los Morteros & El Rio

Progress Report: November 2019

Since 2015

-  10 sites (1 active)
-  4,323 study days
-  18+ species
-  2,300+ photos

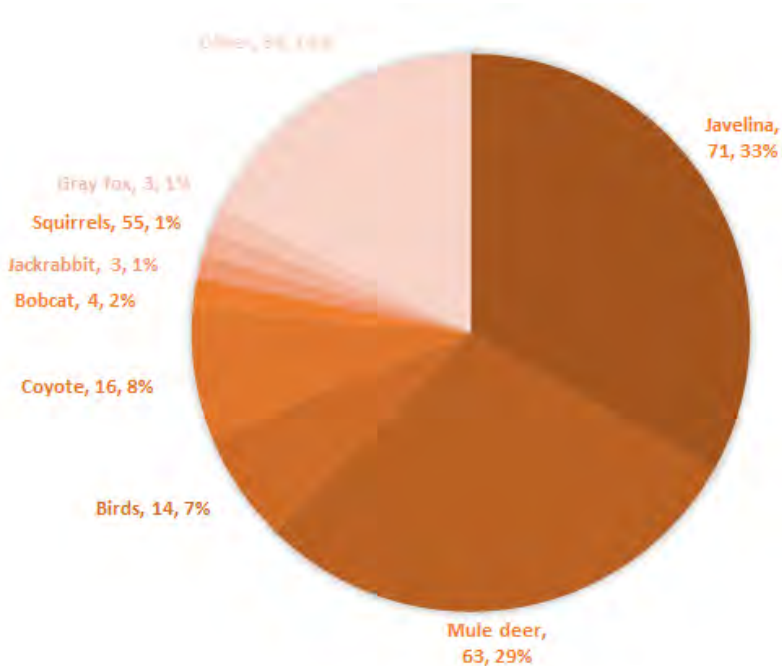


**Notable animal appearances include:** Badger, hooded skunk, and striped skunk. These are important meso-carnivores in the desert ecosystem. The Dos Sierra camera is the only camera currently active in this area of the Tucson Mountains near El Rio Preserve. Camera theft has been the biggest cause of camera loss in this area.






# Sanctuary Cove

Progress Report: November 2019



**Since 2016**

-  **800+ days**
-  **8+ species**
-  **250+ photos**

The Wren camera located in Sanctuary Cove contributes to our knowledge of our Tucson Mountains wildlife. The presence of mule deer is good to see, as is continued presence of meso-carnivores (including foxes and bobcats) and coyotes. Javelina, the seed dispersers of the desert, are in abundance.