



# Shinnery Oak

## at Packsaddle WMA

The Wildlife Department recently partnered with Oklahoma State University to learn more about the bird community using shinnery oak at Packsaddle Wildlife Management Area, and how this unique plant could be restored in southwestern Oklahoma.

### A TOUGH NUT TO CRACK

For decades, researchers have been uncertain if shinnery oak acorns could germinate in anything but the perfect conditions. But this is one of the first studies that has looked at restoration opportunities with this low-growing oak and gotten acorns to germinate.

Restoration opportunities will be most limited by soil conditions and water availability.

1 in 10 acorns could result in a seedling.

1,000

collected acorns could yield

200

acorns for planting that could yield

100

seedlings for planting



*The Field Sparrow was the most common bird detected during the study.*

### TOP 10 MOST COMMON BIRDS AT PACKSADDLE WMA IN 2017-2018

