

SW-217 (FY2021)

BABCOCK RANCH PRESERVE-DOGLEG 3

INVASIVE PLANT MANAGEMENT

COMPLIANCE INSPECTION REPORT

Final Report to the Florida Fish and Wildlife Conservation Commission

Contract No.: 19091

Task Assignment No.: FN-019

19 February 2021

Dexter Sowell, Robert Gundy, Frank Price



**INVASIVE PLANT TREATMENT COMPLIANCE INSPECTION REPORT**

TA#: FN-019 FY 2021 Contractor Walker Exotics and Tree Eradication  
PCL Name Babcock Ranch Preserve Managing Agency/County Florida Forest Service  
Site Location Punta Gorda, FL Inspected By Gundy, Sowell

**ACTIVE PHASE** Inspection Date Photographs Taken? Y/N  
Personnel on site: # Supervisor(s) FDACS Lic(s) # Laborers  
Equipment on site (# & list)  
Herbicide(s) in use per TA? Y/N PPE per label? Y/N  
Method(s) Per TA? Y/N  
(Aerial, Basal, Broadcast, CS, Foliar, Hand Pull, Hack, Mech., Lacing)  
Target Species Per TA? Y/N

**POST-TREATMENT PHASE** Inspection Date 02/18/21 Photos Taken? Y/N Y Acres Inspected 20.1  
# Days since project completion 97 Estimated % control of target species in inspection  
Vegetation disposal per TA? Y/N Y Can project be rotated, skipped Y/N Y Entire TA project area treated? Y/N N  
% Inspection area not treated:

About 10% of the MU is not treated, but we confined our inspection to only the treated portion of Dogleg 3

Describe non-target species damage (if any) none  
Describe regrowth of native/exotic species (if any) rare stump sprouting (MQ), rare sprouting of OWCF  
Is re-treatment needed? Y/N N Has re-treatment been scheduled? Y/N Has re-treatment been conducted? Y/N

**MAINTENANCE PHASE** Inspection Date Photographs Taken? Y/N  
Initial treatment completion date # Days since treatment/re-treatment completed  
Describe maintenance activity by manager since project completion (if any)  
Describe regrowth of native/exotic species (if any)  
If Herbicide Bank project, has manager submitted Herbicide Use Report? Y/N

**COMMENTS**

Old World climbing fern and melaleuca treatments generally good, sprouting rare from belowground or cut stumps. Brazilian pepper now rare within Dogleg 3. Only a single small earleaf acacia seen in the treatment area. Recommend rotating for two years. Prescribed burning this unit would help with invasives control.

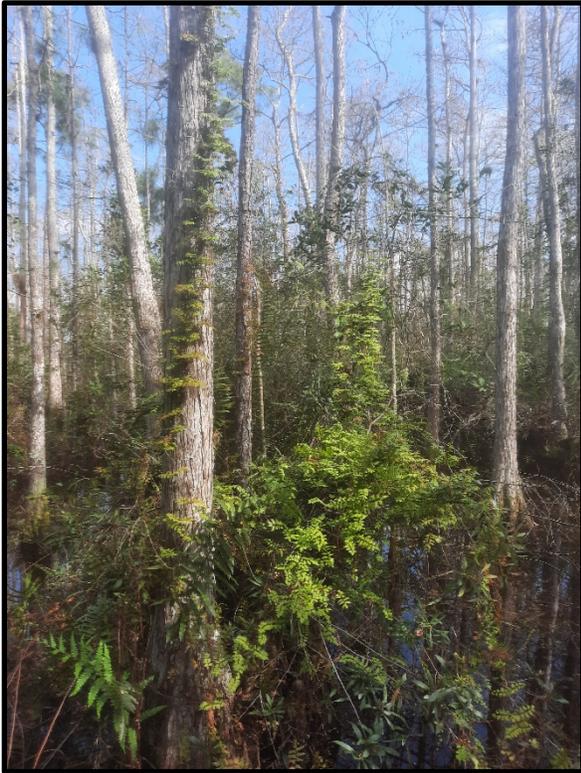
**PHOTOS REPRESENTATIVE OF THE SITE**

**Meleauca (*Melaleuca quinquenervia*)**



*Top left:* A 3.5-foot tall sapling missed in open wet flatwoods. Numerous dead melaleuca from prior treatments were present, with a small proportion exhibiting any stump sprouting. *Top right:* Sapling thoroughly defoliated, but with epicormic sprouting (inset). However, this was not common. Most treated saplings were fully controlled. *Bottom left:* A cut stump treated melaleuca sprouting from the stump. This was not a common occurrence.

**Old World climbing fern (*Lygodium microphyllum*)**



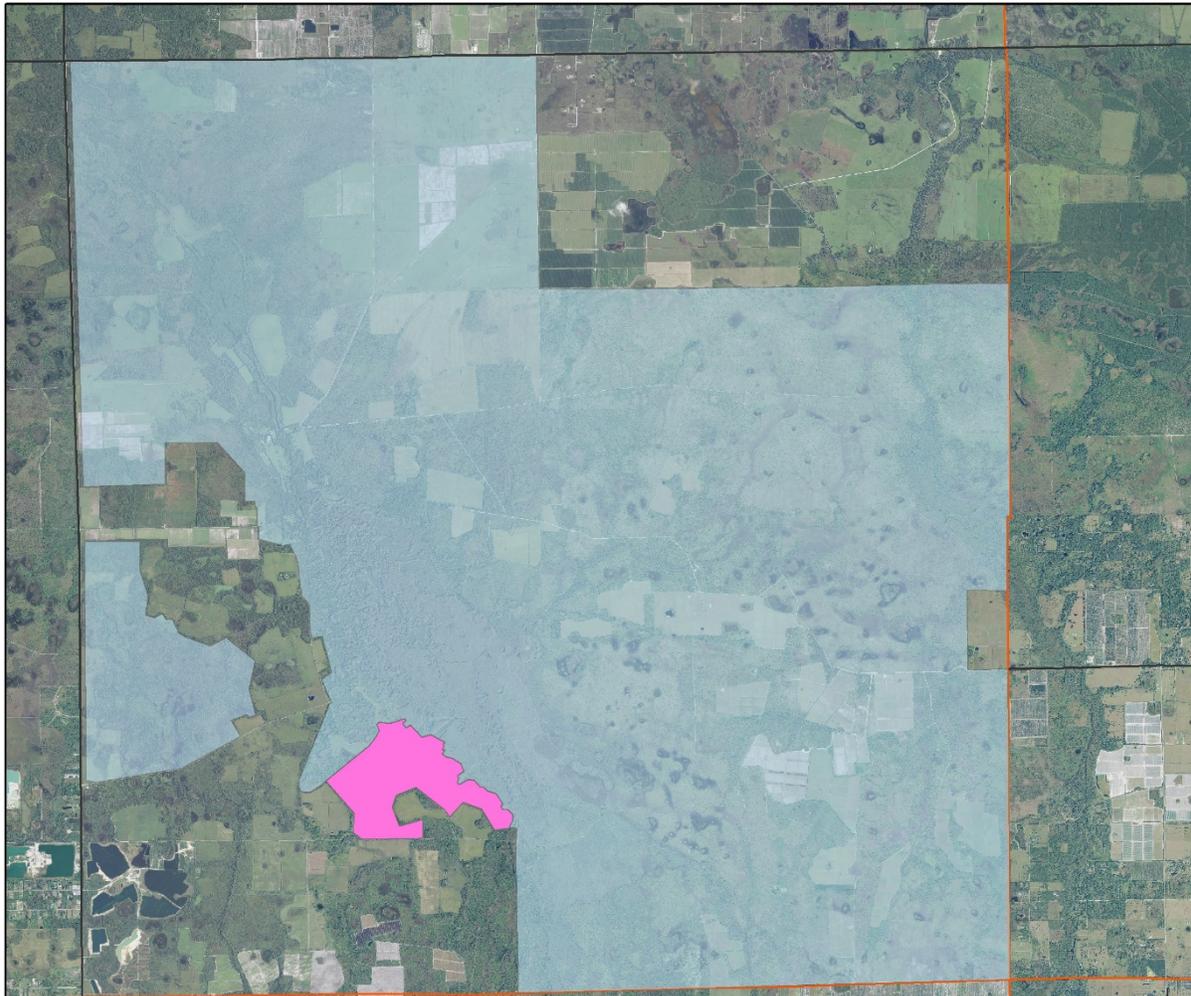
*Left:* One of the few patches of Old World climbing fern seen untreated. Most patches of Old World climbing fern encountered are either fully controlled with no active growth, or have very few fronds or sprouts present.

**Brazilian pepper (*Schinus terebinthifolia*)**



*Left:* A missed Brazilian pepper sapling in saw palmetto in mesic flatwoods. These were seen infrequently, and will likely be adequately controlled if Dogleg 3 is prescribed burned soon.

**SW-217 Babcock Ranch Preserve FY21  
 FNAI Compliance Inspection Project Area**



**SW-217 Babcock Ranch Preserve-Dogleg 3 MU**

**Dogleg 3**

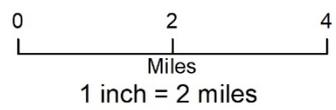
 Dogleg 3

**Babcock Ranch Preserve**

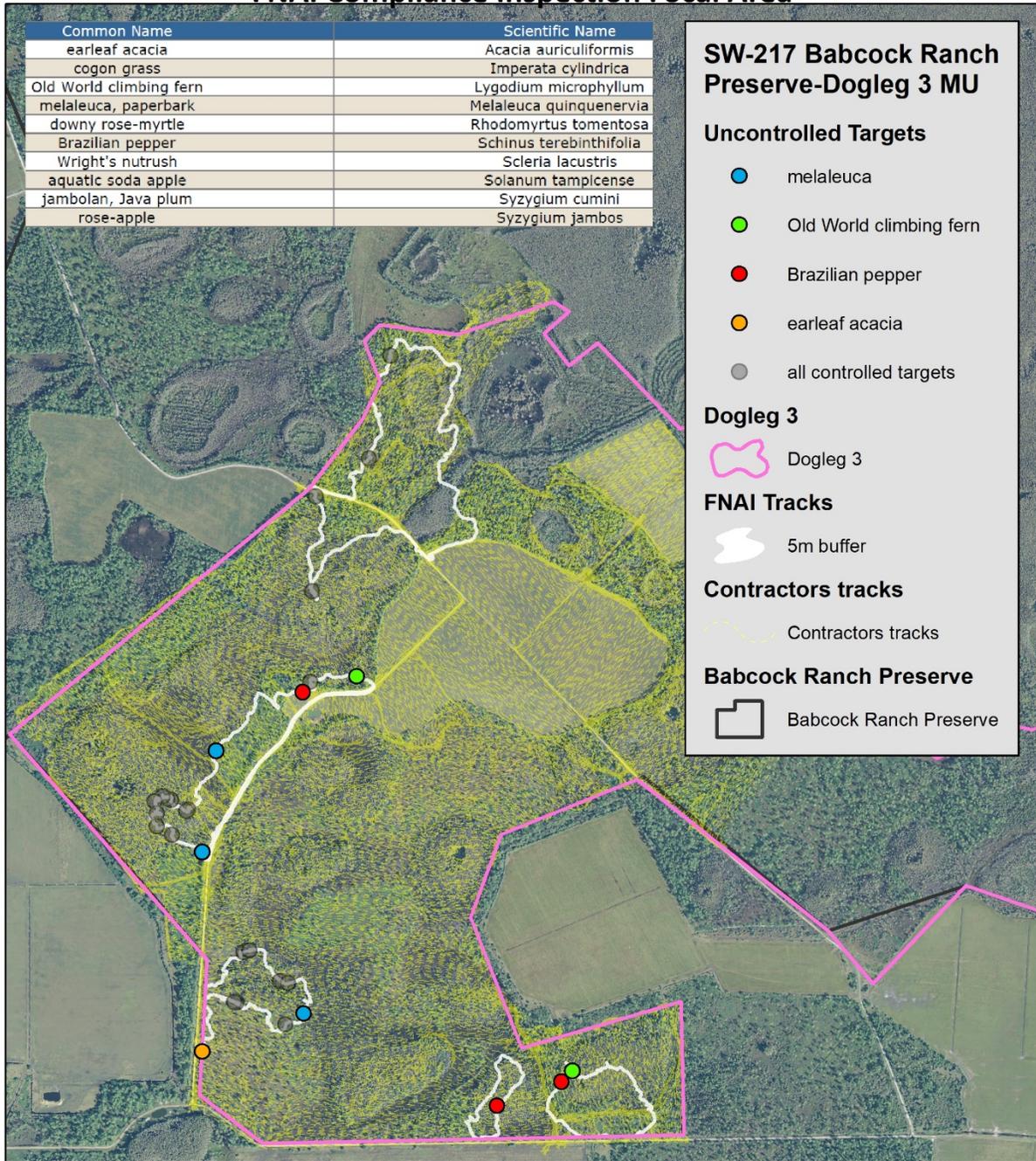
 Babcock Ranch Preserve

| Common Name             | Scientific Name                |
|-------------------------|--------------------------------|
| earleaf acacia          | <i>Acacia auriculiformis</i>   |
| cogon grass             | <i>Imperata cylindrica</i>     |
| Old World climbing fern | <i>Lygodium microphyllum</i>   |
| melaleuca, paperbark    | <i>Melaleuca quinquenervia</i> |
| downy rose-myrtle       | <i>Rhodomyrtus tomentosa</i>   |
| Brazilian pepper        | <i>Schinus terebinthifolia</i> |
| Wright's nutrush        | <i>Scleria lacustris</i>       |
| aquatic soda apple      | <i>Solanum tampicense</i>      |
| jambolan, Java plum     | <i>Syzygium cumini</i>         |
| rose-apple              | <i>Syzygium jambos</i>         |

SW-217 Babcock Ranch Preserve - Dogleg 3  
 1441 Acres (~790 acres treated)  
 FNAI Compliance Inspection 18 February 2021



**SW-217 Babcock Ranch Preserve FY21  
FNAI Compliance Inspection Focal Area**



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