

8.11 Bachman's sparrow

Habitat for this species consists of open pine or oak woods; old fields; brushy areas, young large grassy pine regeneration areas. The state-listed Bachman's sparrow (*Peucaea aestivalis*) was documented from one location on-site and from a second location just east of the site boundary during the herpetological surveys in April of 2019. This species may utilize the site for foraging. Based on the temporary nature of the majority of the impacts of the project and the poor quality of the existing habitat on site, the proposed project is not likely to have an effect on the Bachman's sparrow.

8.12 Red face top minnow

Habitat for this species includes stream margins, backwaters, pools, marshes, and wetlands, often associated with aquatic vegetation. Habitat for this species occurs on the project site. This species was identified on site.

8.13 Dwarf pawpaw

Habitat for this species consists of flatwoods and wet savannas. Habitat for this species occurs on the project site. Six populations of this species were identified on site.

8.14 Florida orange-grass

Habitat for this species consists of moist pine barrens. Habitat for this species is present on site.

8.15 Green-fly orchid

This species is epiphytic especially on *Magnolia grandiflora*, *Quercus virginiana*, and *Taxodium* spp. in blackwater river swamps and mesic hardwood hammocks. Habitat for this species is present on site.

8.16 Southern umbrella-sedge

Habitat for this species consists of pineland depressions, and wet savannas with *Toxicodendron vernix*. Habitat for this species is present on the project site. Populations of this species were identified on the project site.

8.17 Florida milk-pea

Habitat for this species consists of pine flatwoods. This plant is a herbaceous vine that can reach 3 feet in length. It tends to stay prostrate and trailing but will climb if given a support. Habitat for this species is present on the project site. This species was not identified on site.

8.18 Chapman's skeleton grass

Habitat for this species consists of calcareous glades and relict prairies with dryish clay loam soils. It also grows in sandy pine barrens and sites inhabited by dwarf palmetto, *Serenoa repens*. Habitat for this species is present on the project site. This species was not identified on the site.

8.19 Narrowleaf water-willow

Habitat for this species consists of roadside ditches, often with *Hartwrightia* in shallow sloughs and wet savannas. It is emergent in shallow water wetlands. Habitat for this species is present on the project site. This species was not identified on the site.