

MACDILL AIR FORCE BASE EXOTIC VEGETATION MAPPING



Project Description

Scheda Ecological Associates, Inc. (Scheda) was contracted to perform exotic vegetation mapping at MacDill Air Force Base (MacDill) in Hillsborough County, Florida. The intent of this project was to delineate areas containing preselected species of exotic vegetation and assign an estimated value for their percent coverage. The preselected species consisted of: Brazilian pepper (*Schinus terebinthifolia*), Australian pine (*Casuarina* spp.), cogon grass (*Imperata cylindrica*), melaleuca (*Melaleuca quinquenervia*), castor bean (*Ricinus communis*), leadtree (*Leucaena leucocephala*), and climbing fern (*Lygodium* spp.). The ground cover density ranges assigned to areas containing the target species were: <5%, 5-50%, 50-80%, and 80-100%. The resulting survey area was approximately 3,254 acres; approximately 3,186 acres were mapped in the field by Scheda biologists while the remaining 68 acres were mapped using a combination of photo-interpretation and acquired knowledge of the site. Areas were mapped to 1/10 of an acre threshold with sufficient detail to be used as a guide for future exotic control efforts by third-party contractors.



PROJECT PROFILE

