

Appendix D

Calculating Mitigation Costs

This Appendix must be used to determine the cost of mitigation that will be required to participate in this HCP/EA. There are 21 maps that follow and applicants should review them to determine which scrub-jay metapopulation their property lies in. Once an applicant has identified the metapopulation containing their property, they should use the list below to find the cost of mitigation. If a property is not located within any of the 21 metapopulations, the applicant should use the “Average” value listed at the end of the table below.

How to calculate the mitigation cost for participation in the Scrub-jay Umbrella HCP.

Step 1. Determine your property size in acres.

You can find your property size on the land title survey or at your county’s property appraiser’s web site.
If the size of your property is recorded in square feet (sq. ft.), divide by 43,560 to obtain acres.

Step 2. Determine the mitigation area.

Multiple your property size in acres by 2. For example, if your property size is 0.23 acre, multiplying by 2 would result in 0.46 acres of mitigation area.

Step 3. Find the scrub-jay metapopulation where your property is located.

Use the overview map to identify the general area of the State where your property is located. Go to the close-up maps of the metapopulations found after the overview map for greater detail.

Step 4. Calculate Mitigation Cost.

Find your metapopulation in the listing provided in Appendix Table D.1. If your property is outside the identified metapopulations use the Average Total Mitigation Cost from the last line of the Appendix Table D.1. Multiply the mitigation area obtained in step 2 by the cost within your metapopulation.

This is the mitigation cost needed to compensate for impacts to scrub-jays and participate in the umbrella HCP.

You can pay the mitigation cost by:

- 1) contributing to the Florida Scrub-jay Conservation Fund (see Appendix B for details), or
- 2) purchasing an equivalent amount of mitigation credit at a Service-approved conservation bank (please check our web site www.fws.gov/northflorida/Scrub-jays/scrubjays.htm to see if there are Service approved banks in your area).

Table D.1. Mitigation cost per acre by Scrub-jay Metapopulation for the Florida Scrub-jay Umbrella Habitat Conservation Plan, revised September 2014.

| Scrub-jay Metapopulation | Per Acre Total Mitigation Cost |
|-----------------------------|---|
| Central Brevard | \$44,074 |
| Central Charlotte | \$19,893 |
| Central Lake | \$29,961 |
| Citrus | \$12,295 |
| Flagler | \$29,961 |
| Lake Wales Ridge | \$14,770 |
| Lee | \$38,718 |
| Levy | \$7,580 |
| Manatee | \$13,450 |
| Martin | \$37,359 |
| Merritt Island | \$29,961 |
| Ocala National Forest | \$29,961 |
| Palm Beach | \$29,961 |
| Pasco | \$19,903 |
| North Brevard | \$14,294 |
| Northeast Lake | \$27,659 |
| Northwest Charlotte | \$38,637 |
| Sarasota | \$71,360 |
| South Brevard | \$28,680 |
| St. Lucie | \$53,833 |
| West Volusia | \$15,327 |
| Average | \$29,961 |