

## Stack Buffer

GPS Location	Site Location	Monitoring Date	Site Descriptions & Lists of Observed Wildlife
N 27° 53.499' W 82° 22.969'	SB-M-1	4/06/2007	<p>Again, few changes have occurred at this site since the previous monitoring event. Dog fennel (<i>Eupatorium capillifolium</i>), goldenrod (<i>Solidago</i> sp.), broomsedge (<i>Andropogon virginicus</i>), saltbush (<i>Baccharis halimifolia</i>), peppervine (<i>Ampelopsis arborea</i>), saw palmetto (<i>Serenoa repens</i>) and little blue maidencane (<i>Amphicarpum muhlenbergianum</i>) dominate the groundcover. Wax myrtle (<i>Myrica cerifera</i>) and cabbage palm (<i>Sabal palmetto</i>) make up the sparse canopy. Slash pine (<i>Pinus elliotii</i>), laurel oak (<i>Quercus laurifolia</i>), and cabbage palm lie along the ditch on the property line to the north and west. The cogon grass (<i>Imperata cylindrica</i>) noted last year has been treated, as has most of the Brazilian pepper (<i>Schinus terebinthifolius</i>). Grapevine (<i>Vitis</i> sp.) and lantana (<i>Lantana camara</i>) are also present.</p> <p><b>Wildlife observed</b> - None.</p>
N 27° 52.645' W 82° 22.274'	SB-M-2	4/06/2007	<p>Little change from the 2006 monitoring event is evident at this station. Saltbush (<i>Baccharis halimifolia</i>), cabbage palm (<i>Sabal palmetto</i>), Carolina willow (<i>Salix caroliniana</i>), and upland grasses (<i>Paspalum</i> sp.) continue to dominate the vegetation. Most of the grasses display signs of winter senescence. Other weedy species provide additional groundcover, including cogon grass (<i>Imperata cylindrica</i>), blackberry (<i>Rubus</i> sp.), peppervine (<i>Ampelopsis arborea</i>), broomsedge (<i>Andropogon virginicus</i>), dog fennel (<i>Eupatorium capillifolium</i>), and beggartick (<i>Bidens alba</i>). Finally, a stand of live oak (<i>Quercus virginiana</i>) and cabbage palm lies to the south.</p> <p><b>Wildlife observed</b> - 8 white ibises (<i>Eudocimus albus</i>) flew overhead during monitoring.</p>
N 27° 52.080' W 82° 22.285'	SB-M-3	4/06/2007	<p>Mowing has been the primary maintenance tool at this site over the past year, with some herbicide application to nuisance species beneath the installed oaks (<i>Quercus virginiana</i>) to the west. Vegetative groundcover continues to be dominated by bahiagrass (<i>Paspalum notatum</i>), broomsedge (<i>Andropogon virginicus</i>), and blackberry (<i>Rubus</i> sp.). Secondary species in the area include caesarweed (<i>Urena lobata</i>) and purple cudweed (<i>Gnaphalium purpurea</i>). Recent maintenance mowing made identification of some understory species difficult. The grapevine (<i>Vitis</i> sp.) that once dominated this site is reestablishing on the trunks and in the canopies of a few cabbage palms (<i>Sabal palmetto</i>). Oak and cabbage palm make up the sparse canopy of the area. Several oaks and red maples (<i>Acer rubrum</i>) were installed in 2005-2006 to the south and west, and these display high survival rates.</p> <p><b>Wildlife observed</b> - None.</p>

<p>N 27° 52.055' W 82° 23.122'</p>	<p>SB-M-4</p>	<p>4/06/2007</p>	<p>The grapevine (<i>Vitis</i> sp.) that had been dominant and subsequently reduced via herbicide treatments is re-establishing in some portions of this site. The greenbrier (<i>Smilax</i> sp.) that was prevalent in the canopies of several cabbage palms (<i>Sabal palmetto</i>) last year has been treated with herbicide. A few of the palms to the north have died, though several remain and form a sparse canopy layer. Stands of live oak (<i>Quercus virginiana</i>) are found to the north as well. Other prevalent species observed were bushy bluestem (<i>Andropogon glomeratus</i>), broomsedge (<i>Andropogon virginicus</i>), saw palmetto (<i>Serenoa repens</i>), and greenbrier. Secondary species of note are winged sumac (<i>Rhus copallina</i>), dog fennel (<i>Eupatorium capillifolium</i>), smutgrass (<i>Sporobolus indicus</i>), and goldenrod (<i>Solidago</i> sp.). <b>Wildlife observed</b> - 3 white ibises (<i>Eudocimus albus</i>) flew overhead, and 1 mourning dove (<i>Zenaida macroura</i>) was perched on a powerline above the site.</p>
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