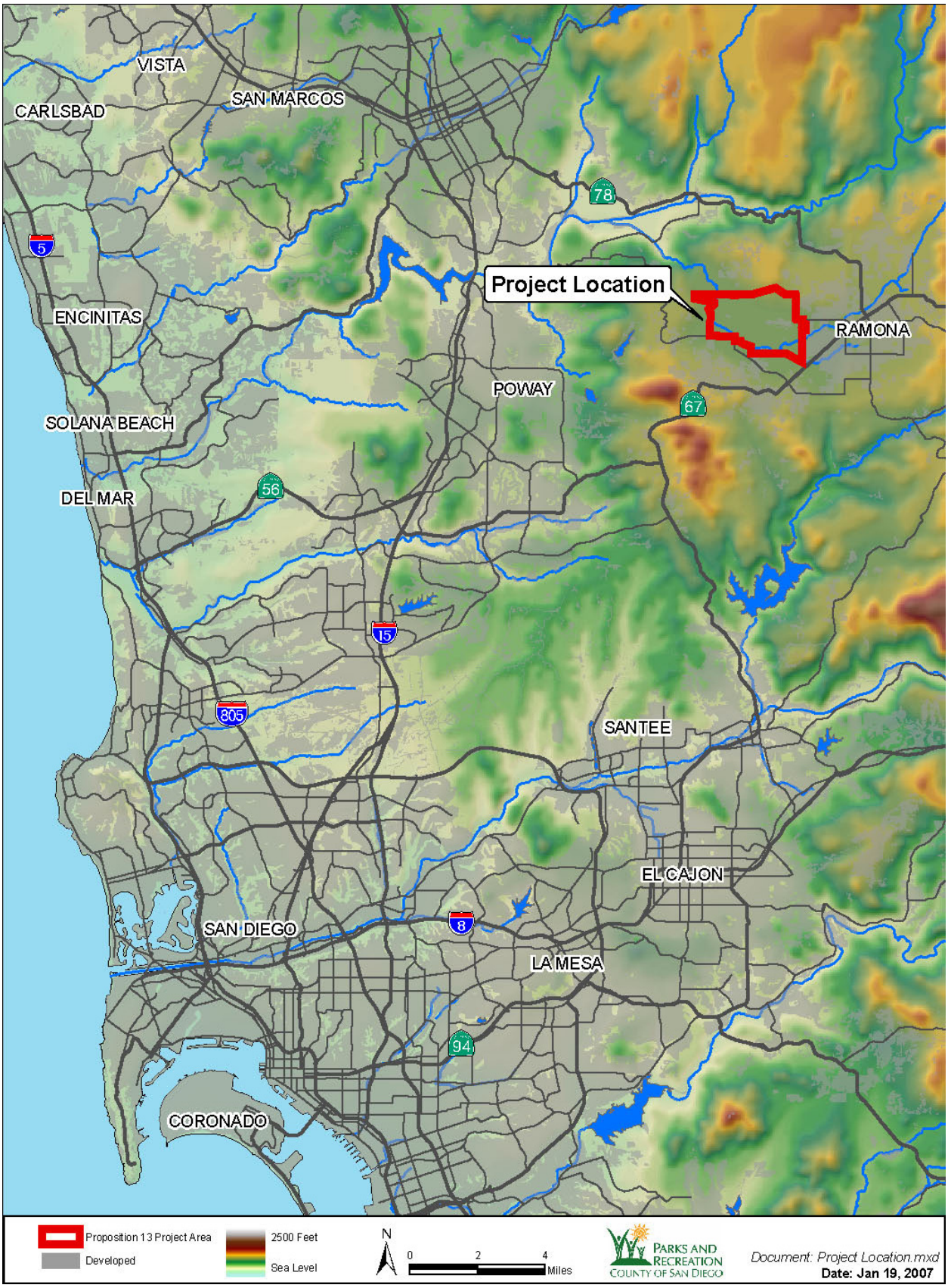


Figure 1. Project Location.

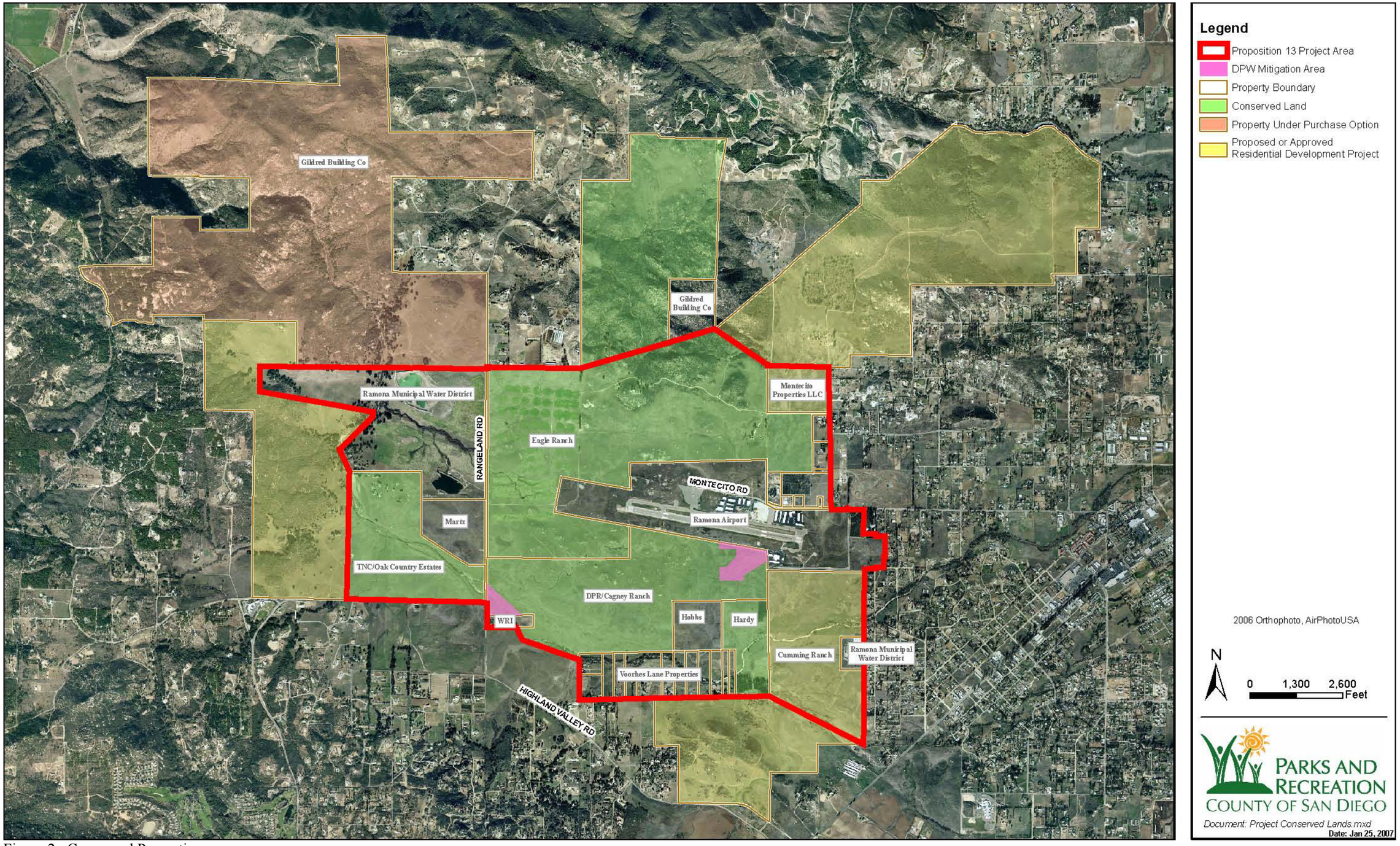


Figure 2. Conserved Properties.

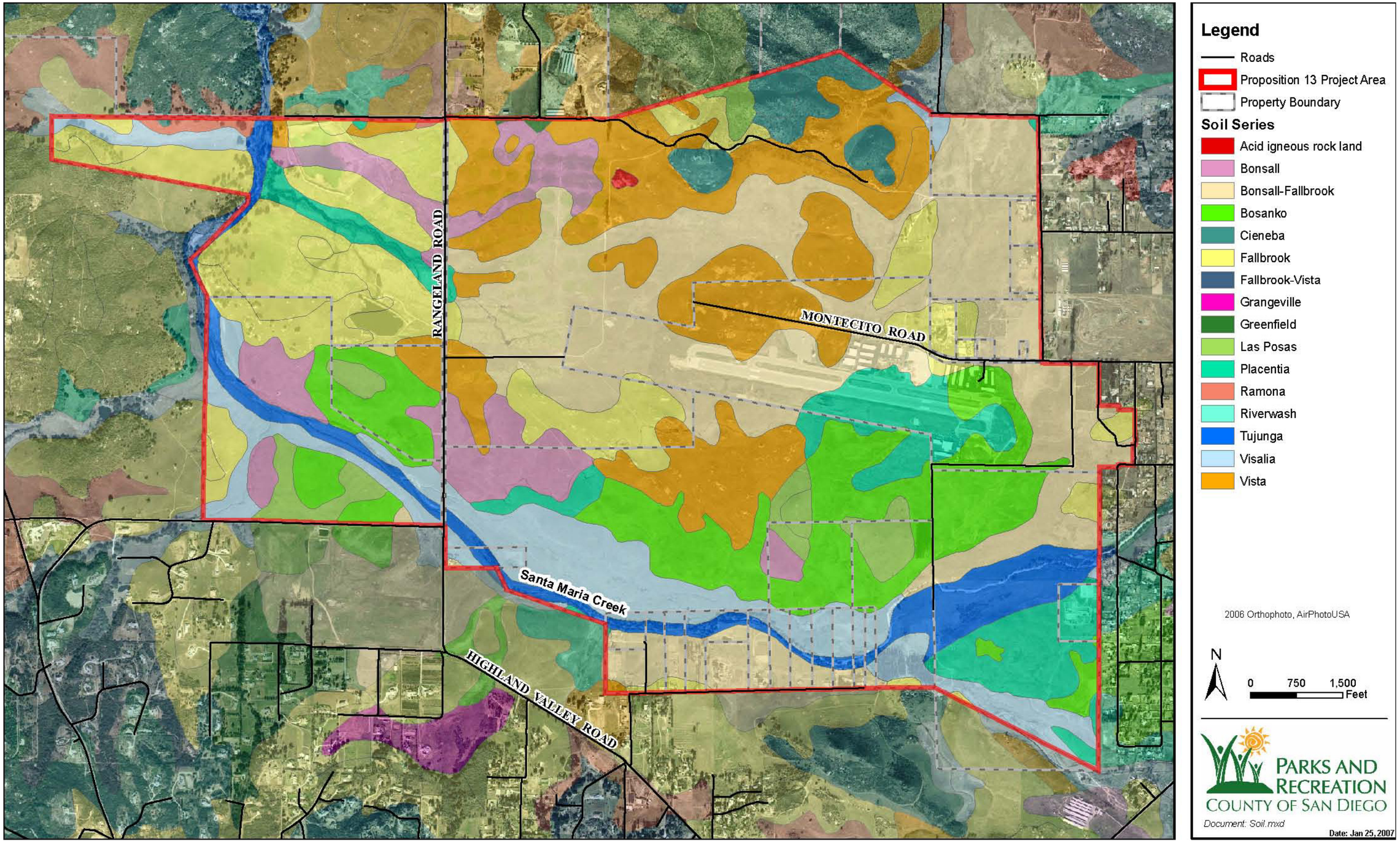


Figure 3. Soil series within the Preserve.

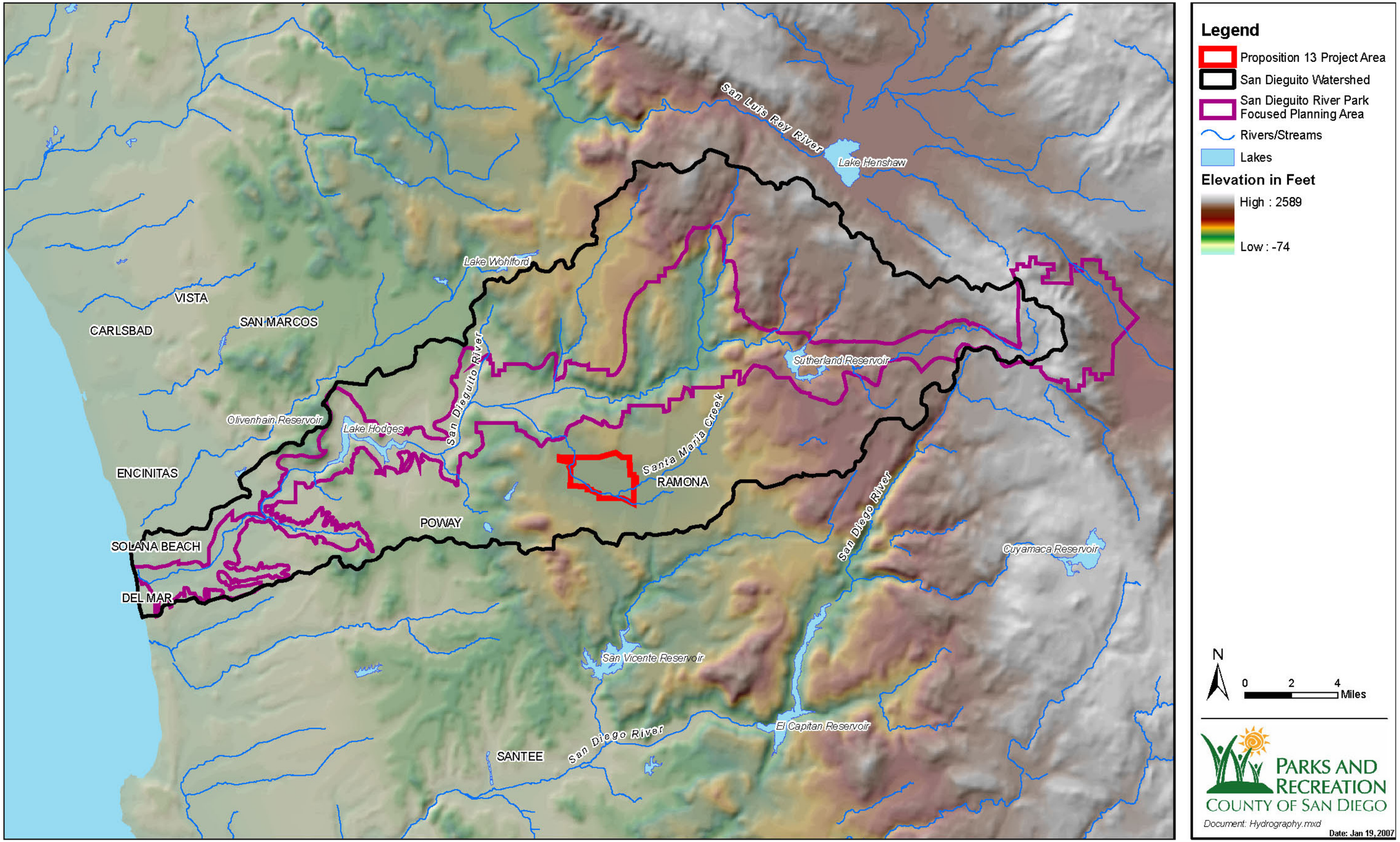


Figure 4a. Location of Preserve within the San Dieguito Watershed.

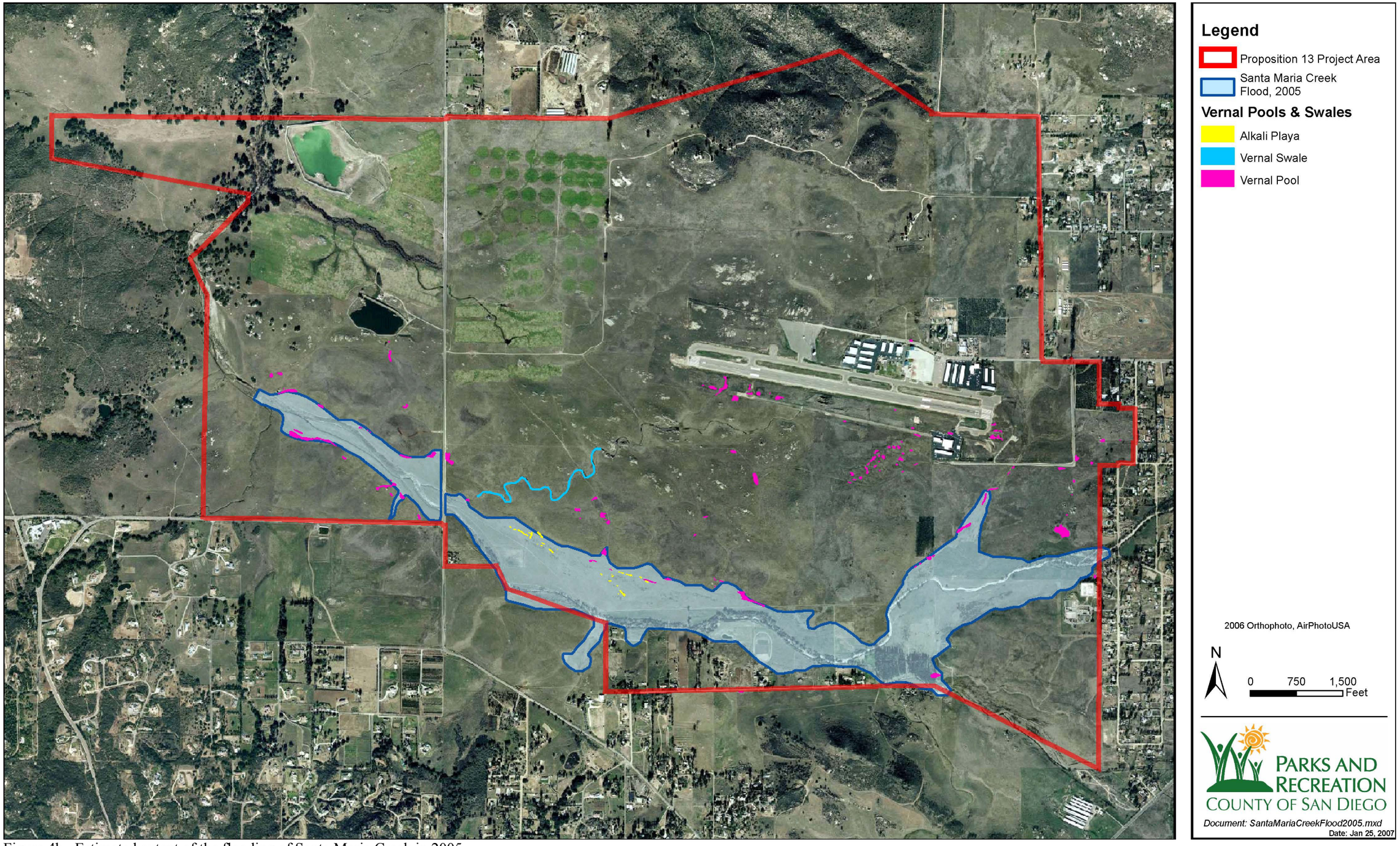


Figure 4b. Estimated extent of the flooding of Santa Maria Creek in 2005.

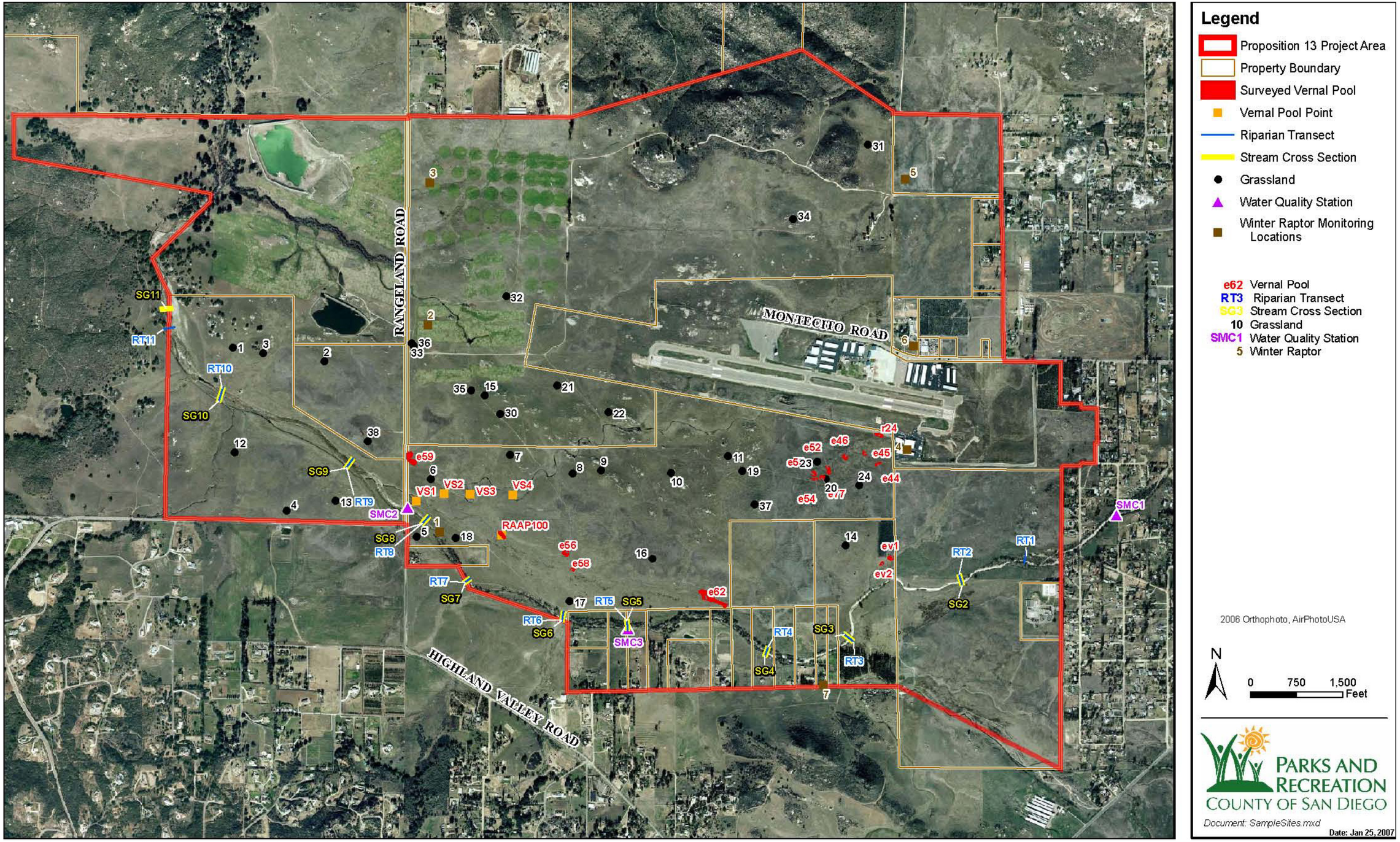


Figure 5. Locations of field monitoring stations in the Preserve. Note: there are no grassland monitoring plots 24-29.

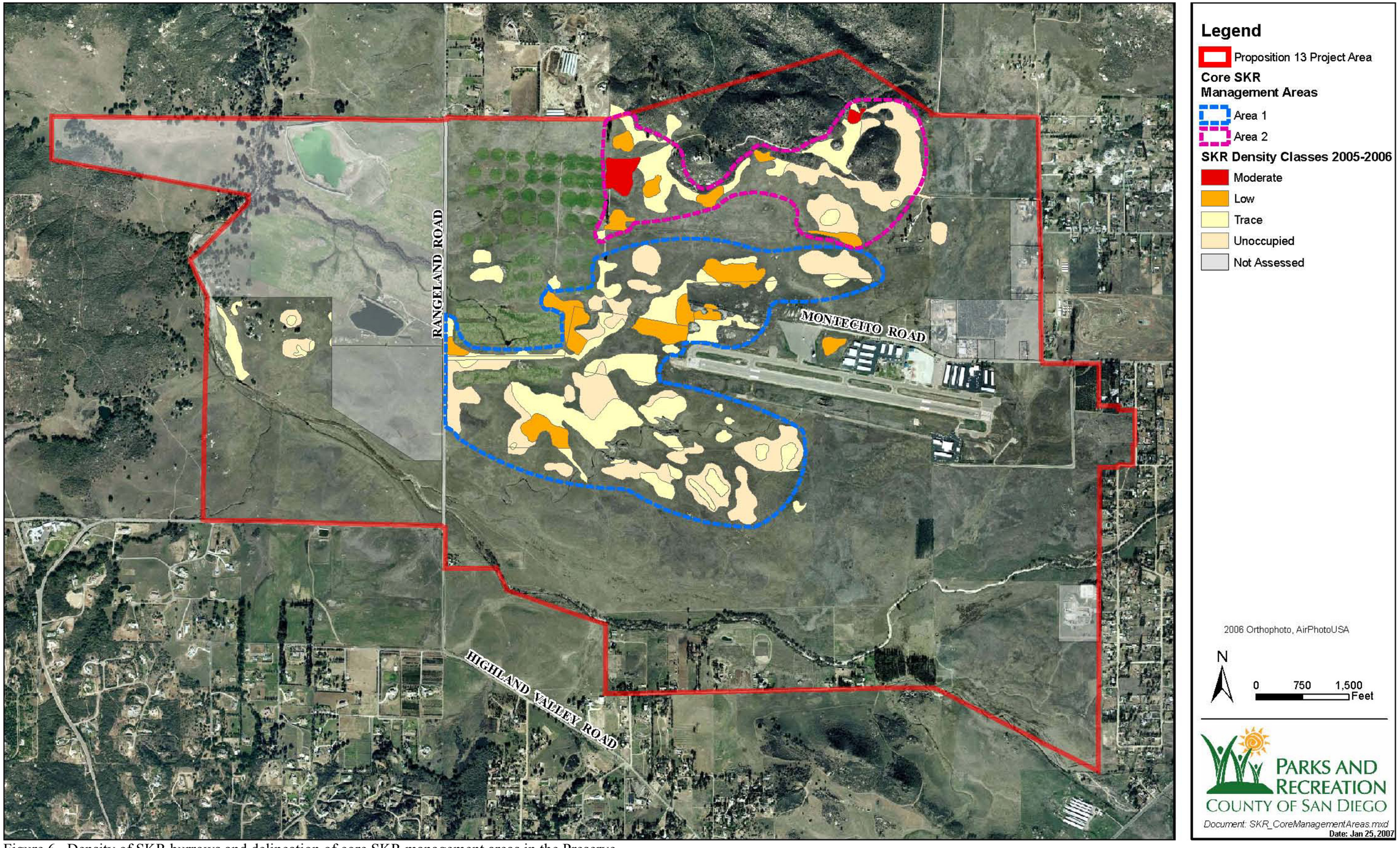


Figure 6. Density of SKR burrows and delineation of core SKR management areas in the Preserve.

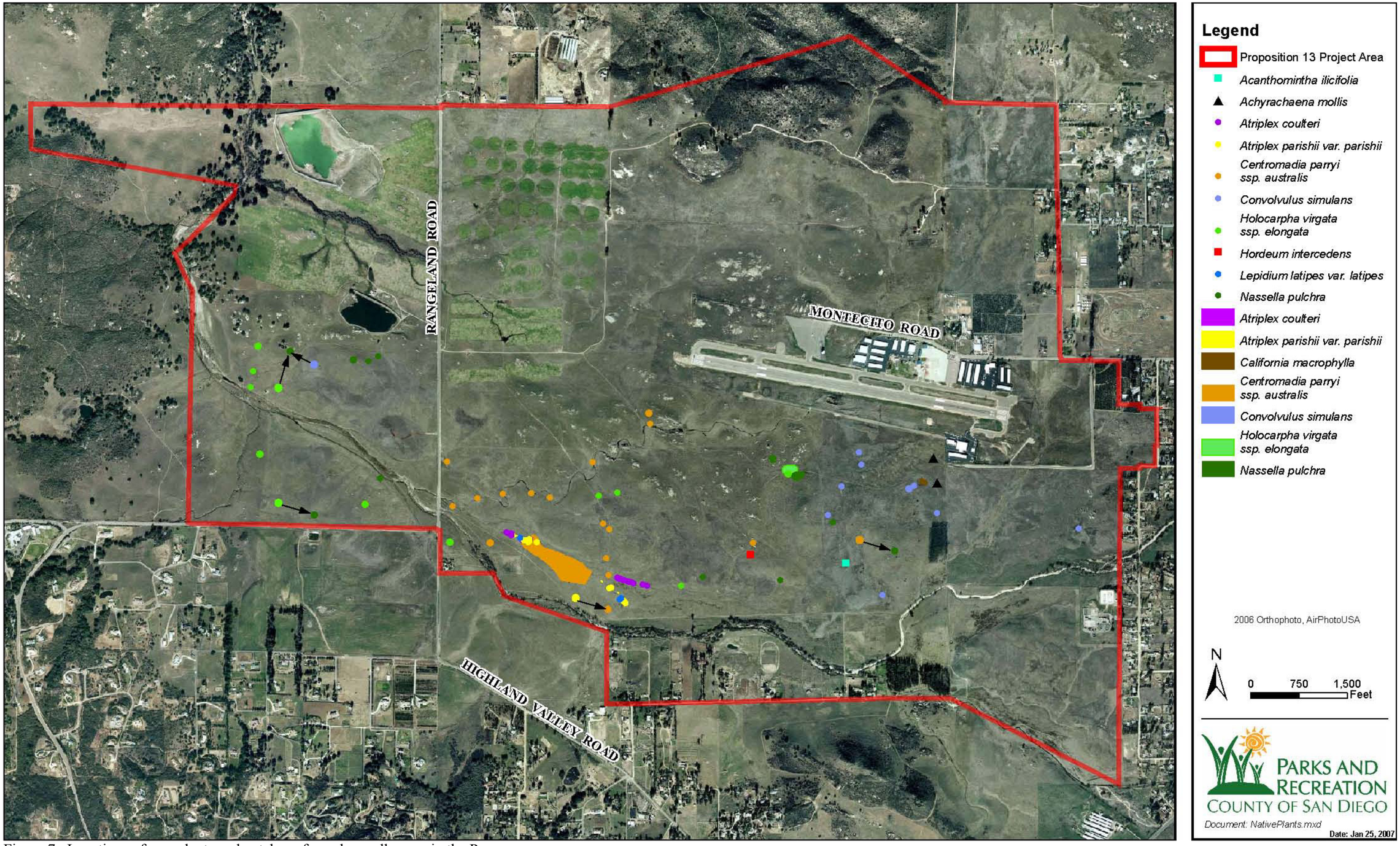
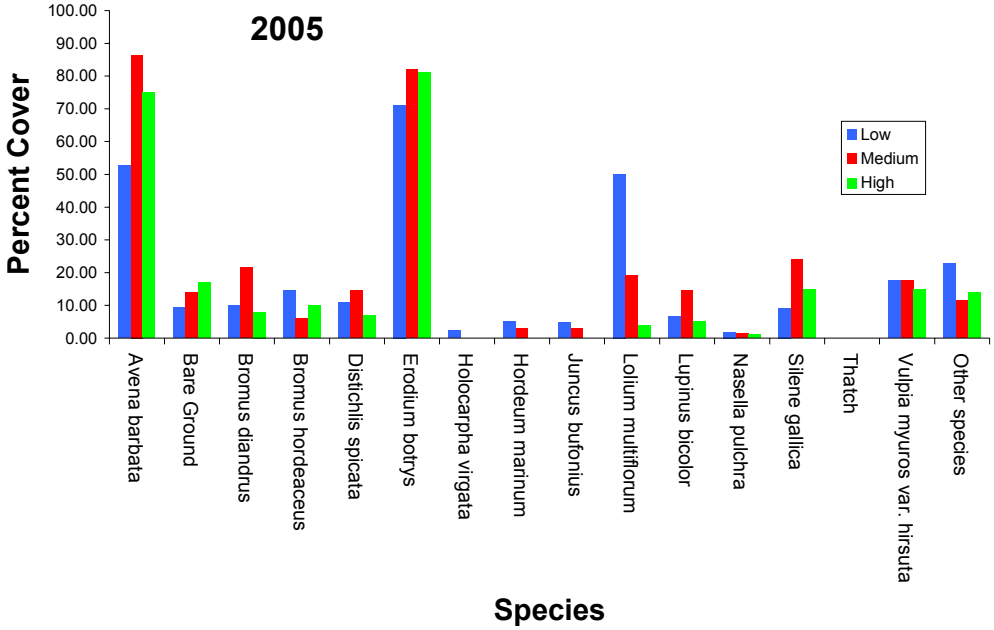


Figure 7. Locations of rare plants and patches of purple needlegrass in the Preserve.



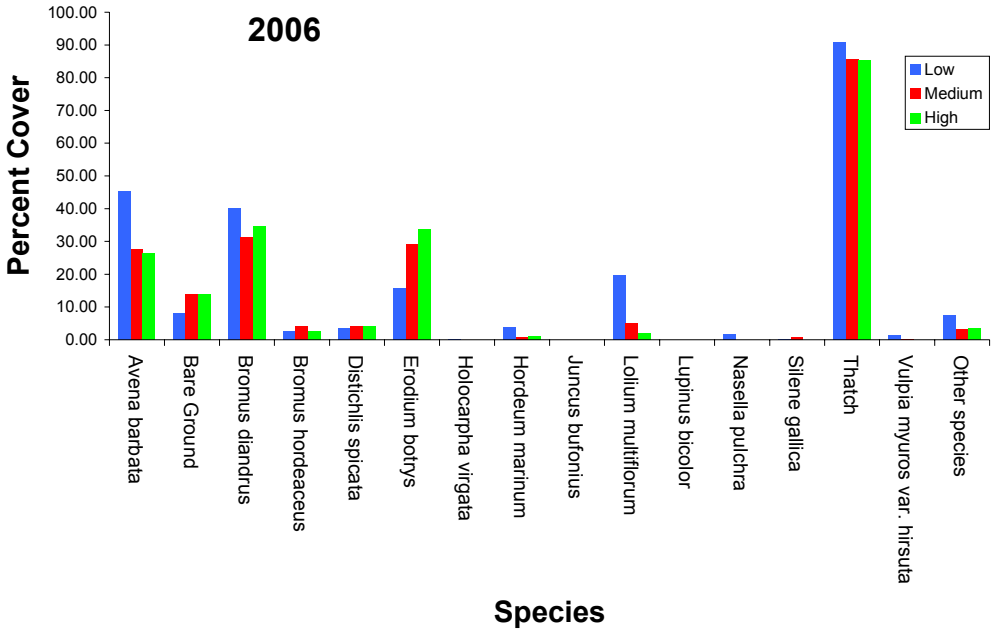


Figure 8. Percent cover of grassland species within categories of SKR habitat quality (i.e., low medium, and high). Note: thatch cover data are missing for 2005.

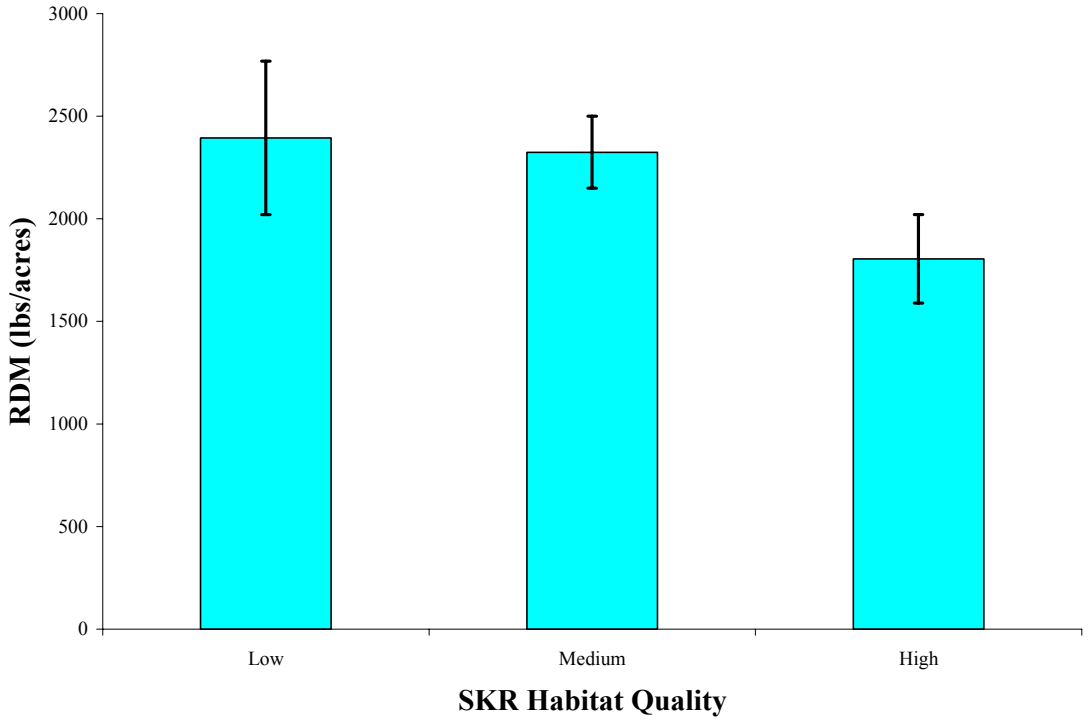


Figure 9a. Average biomass (± SE) by SKR habitat quality.

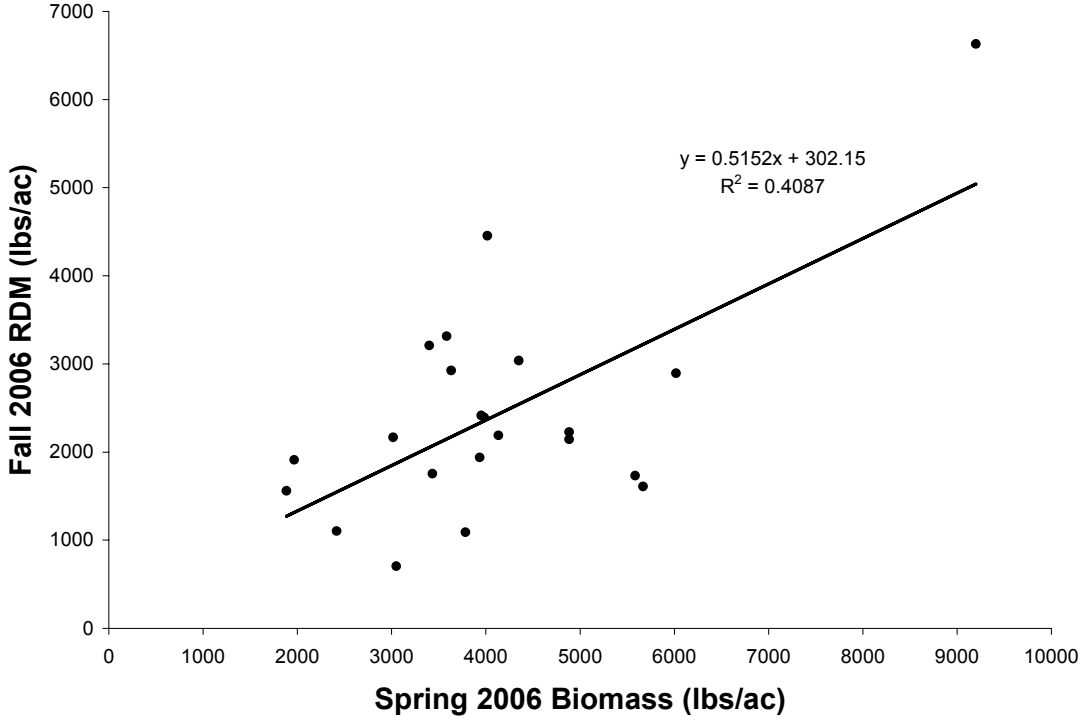


Figure 9b. Spring and fall 2006 biomass correlation.

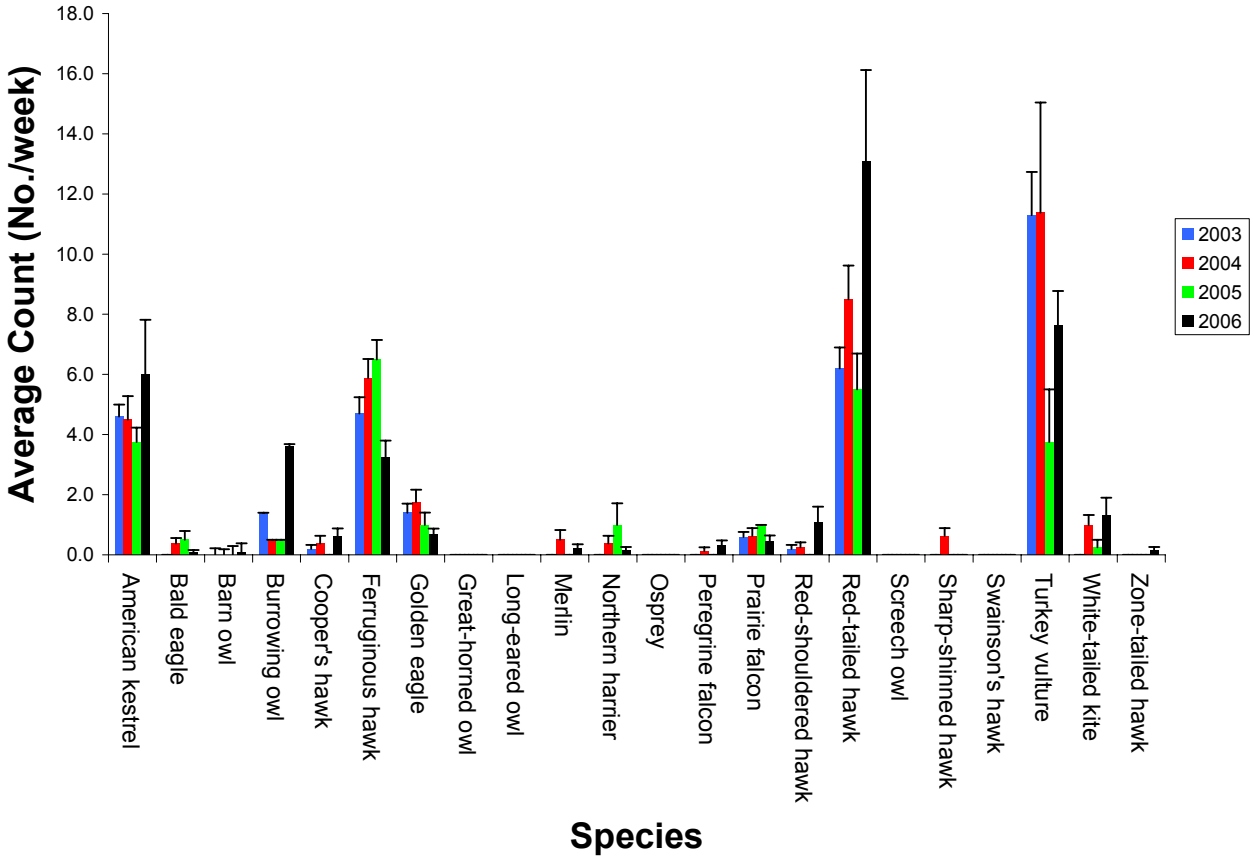


Figure 10. Average abundance of wintering raptors in the Preserve.

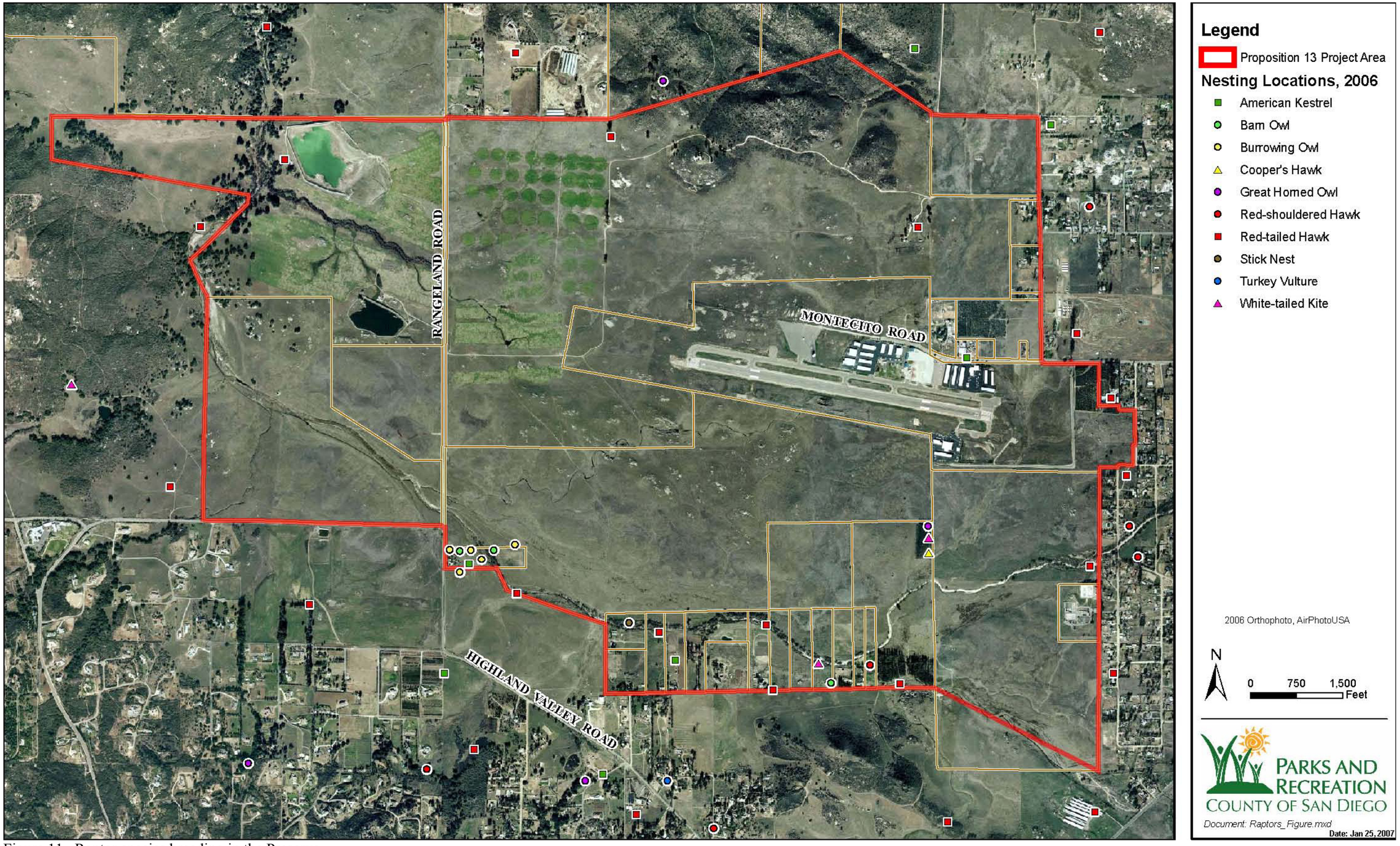


Figure 11. Raptor species breeding in the Preserve.

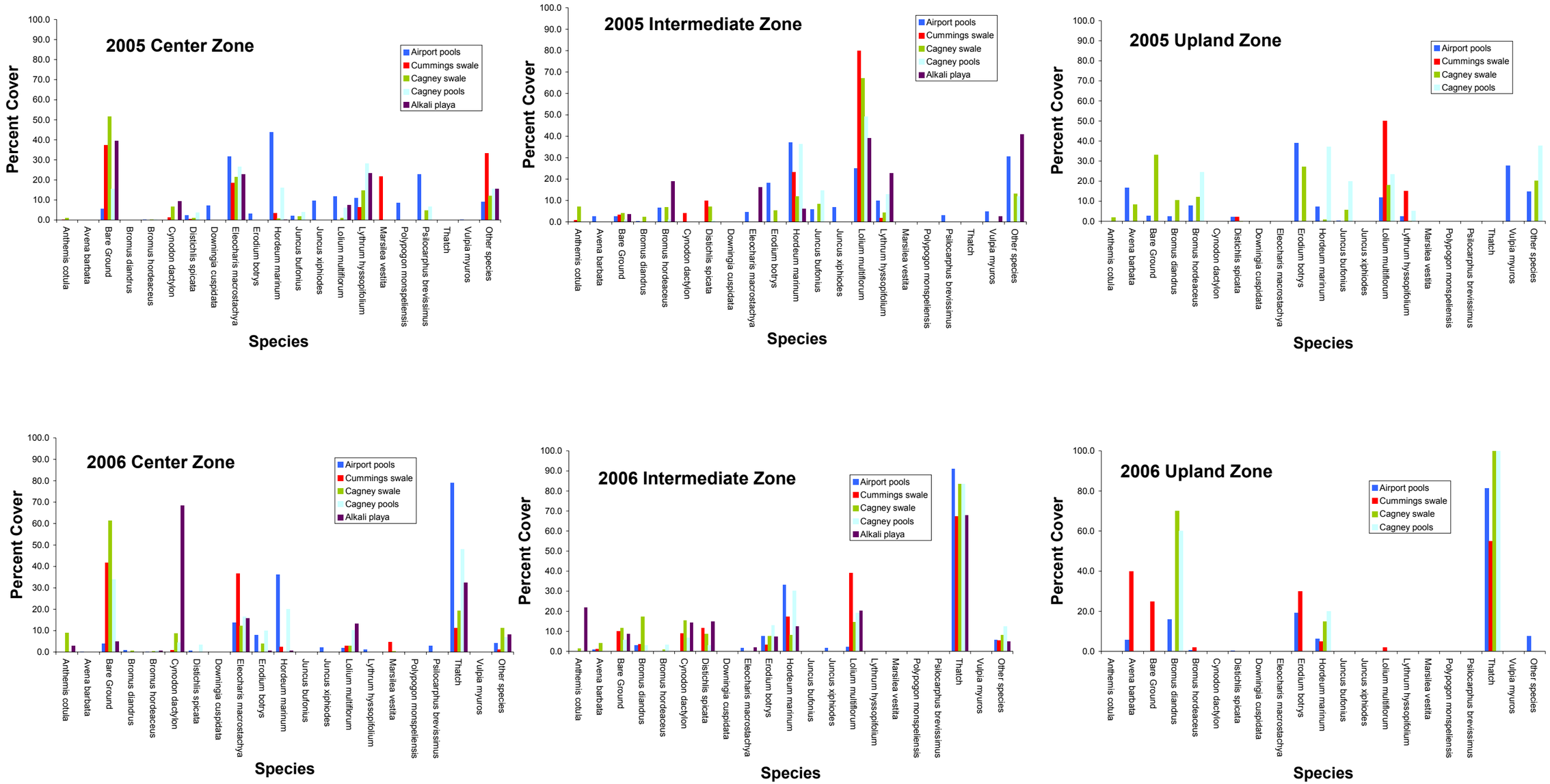


Figure 12. Vernal pool cover by pool zone in 2005 and 2006. Note: thatch cover data are missing for 2005.

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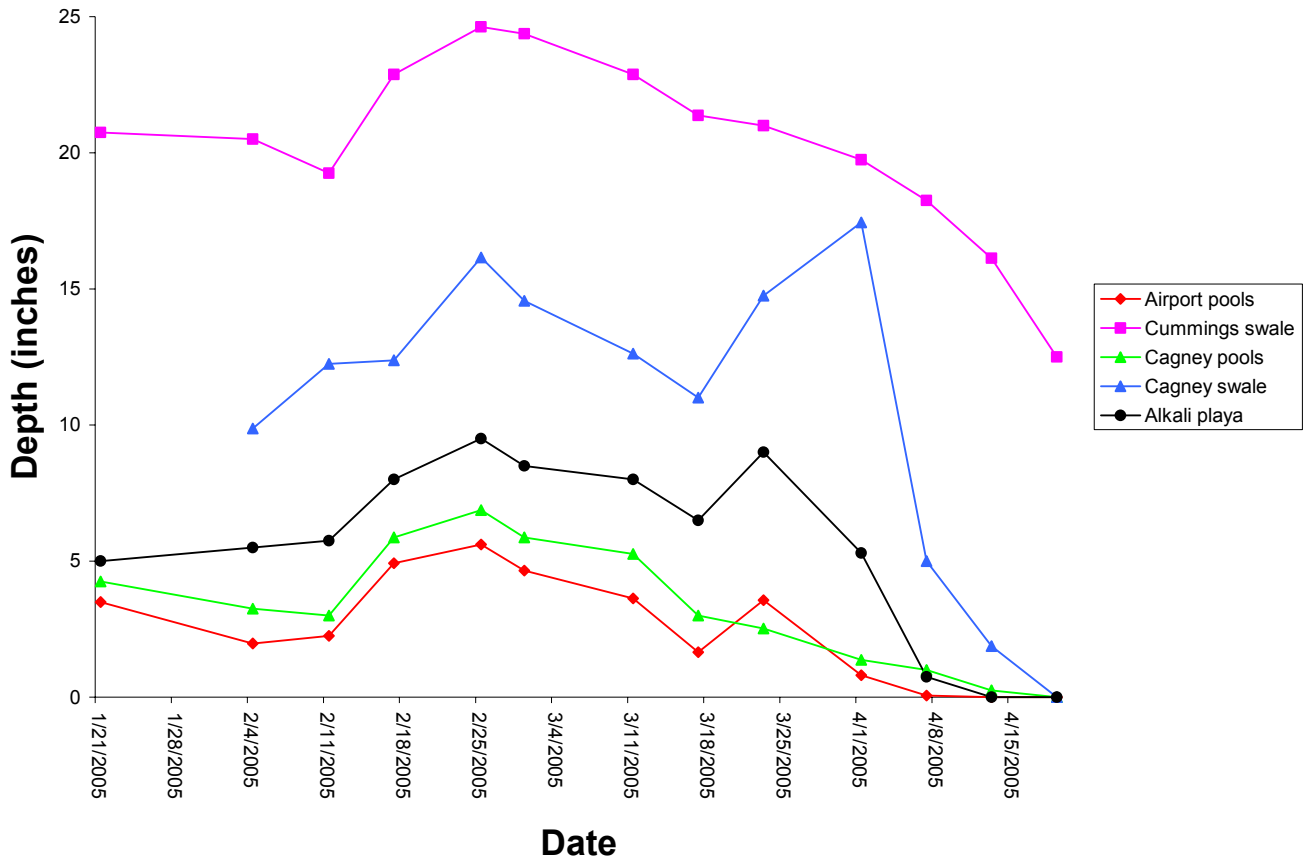


Figure 13. Average depth of vernal pools by complex in 2005.

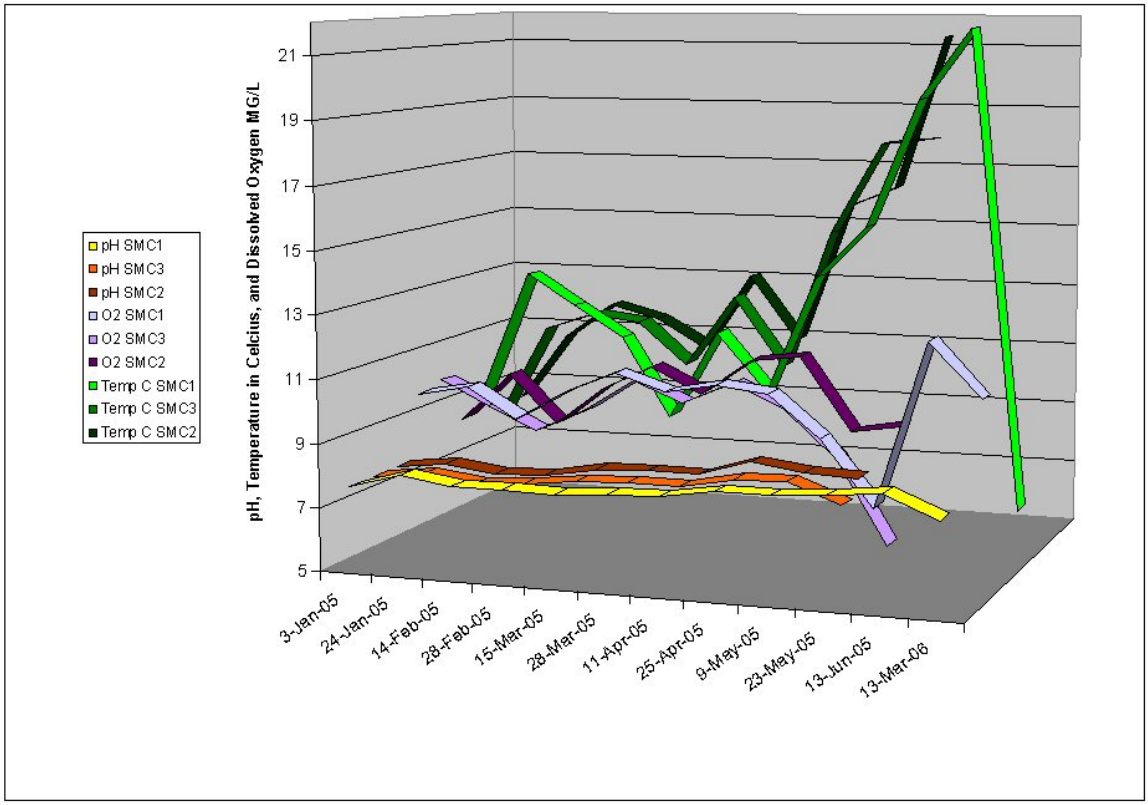


Figure 14. Temperature, dissolved oxygen, and pH at monitoring stations SMC1, SMC2, and SMC3 for the 2005-2006 monitoring period.

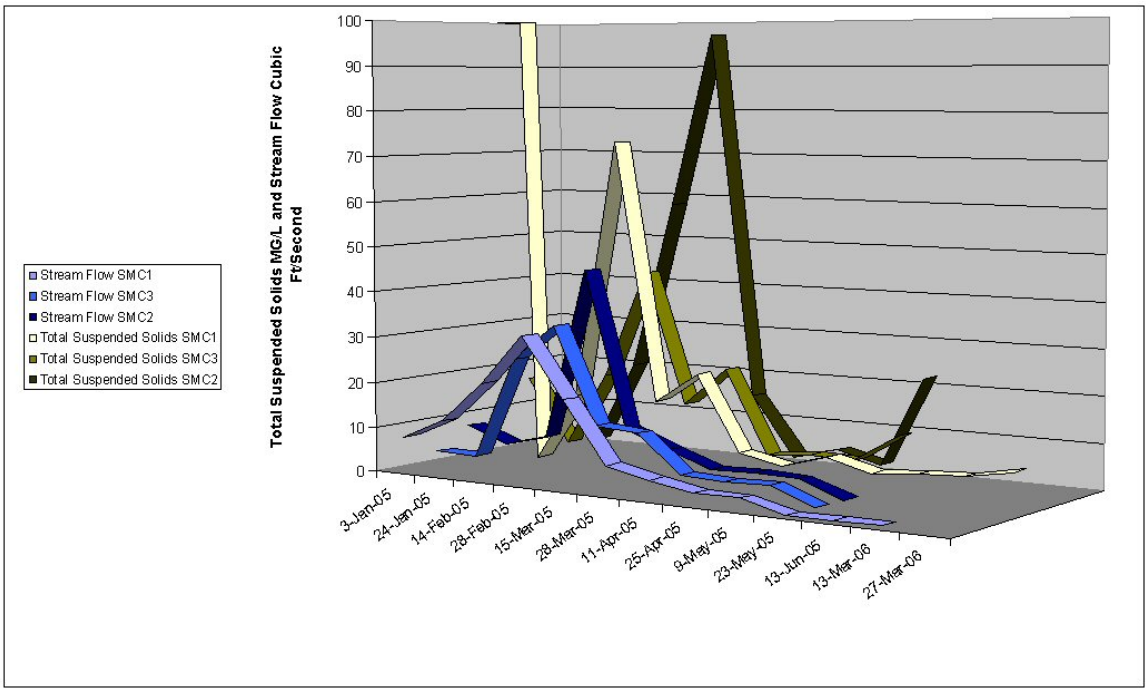


Figure 15. Stream flow and total suspended solids at monitoring stations SMC1, SMC2, and SMC3 for the 2005-2006 monitoring period.

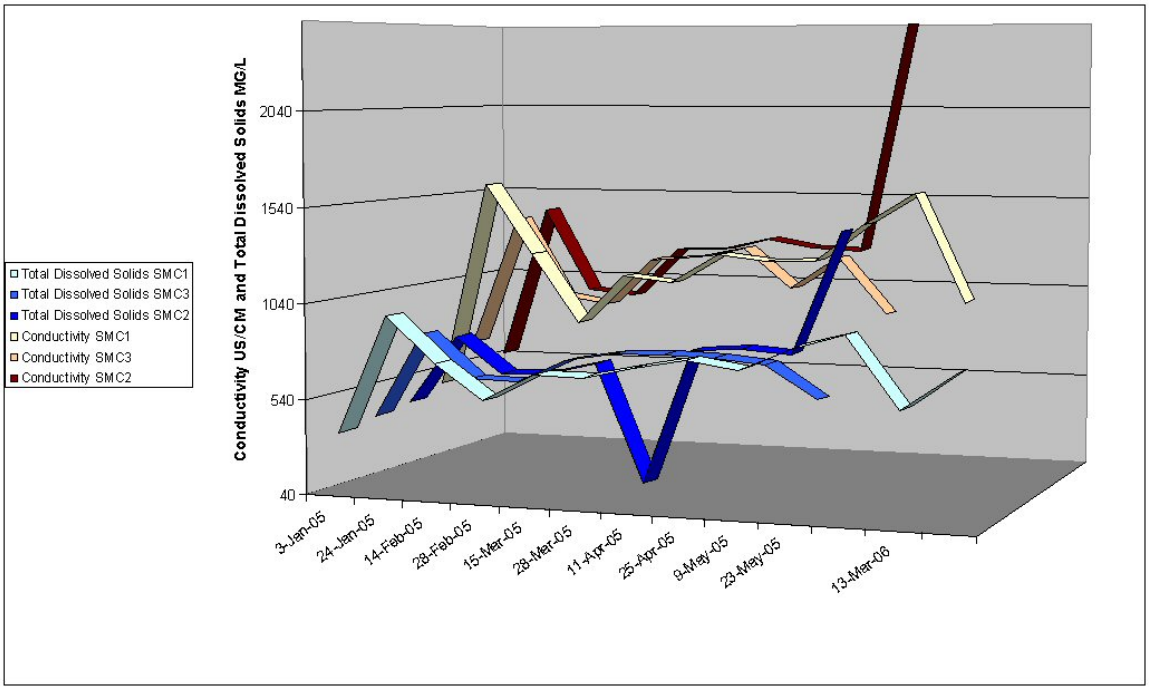


Figure 16. Total dissolved solids and conductivity at monitoring stations SMC1, SMC2, and SMC3 for the 2005-2006 monitoring period.

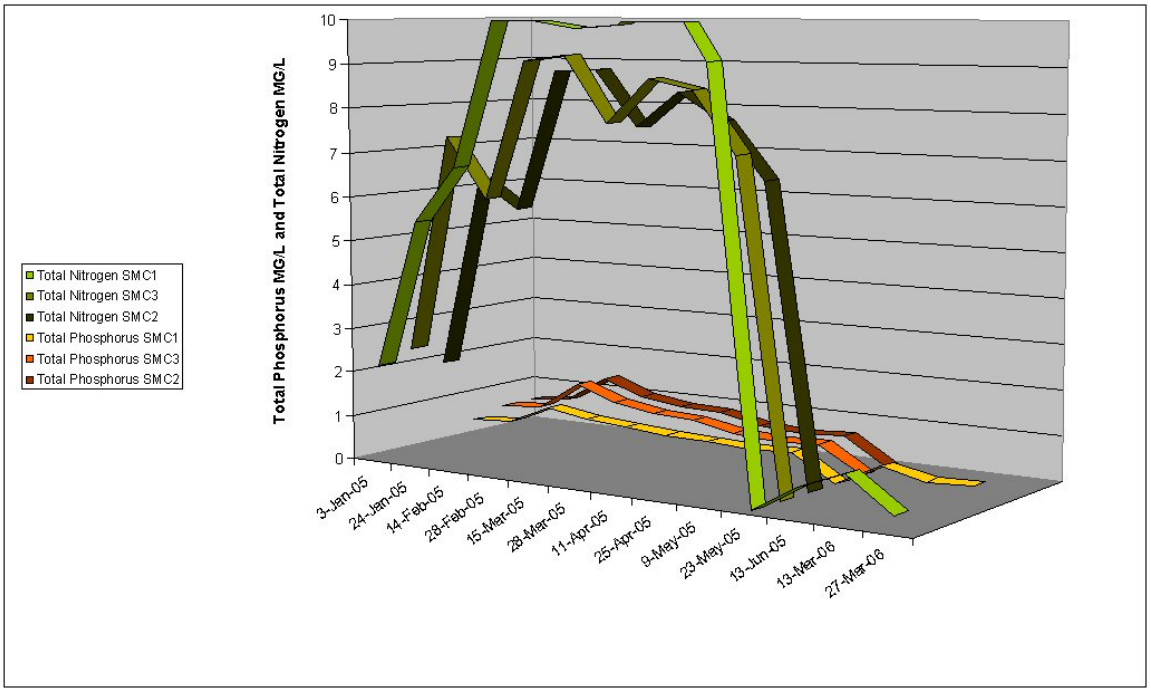


Figure 17. Total nitrogen and total phosphorus at monitoring stations SMC1, SMC2, and SMC3 for the 2005-2006 monitoring period.

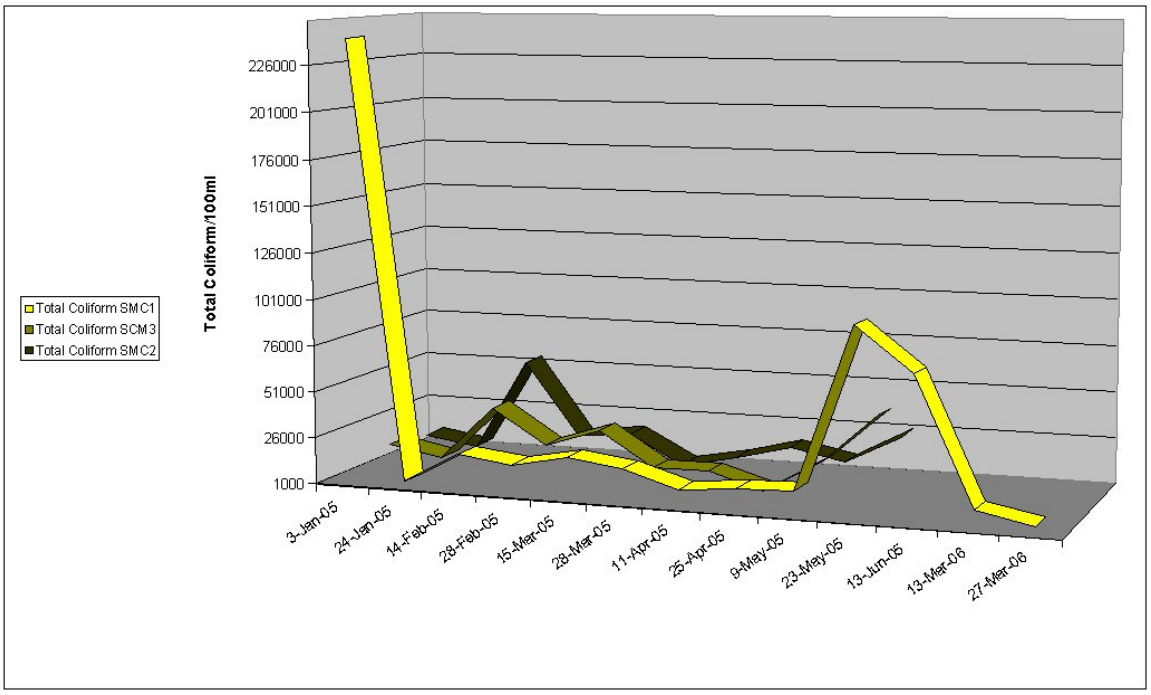


Figure 18. Total coliform bacteria at monitoring stations SMC1, SMC2, and SMC3 for the 2005-2006 monitoring period.

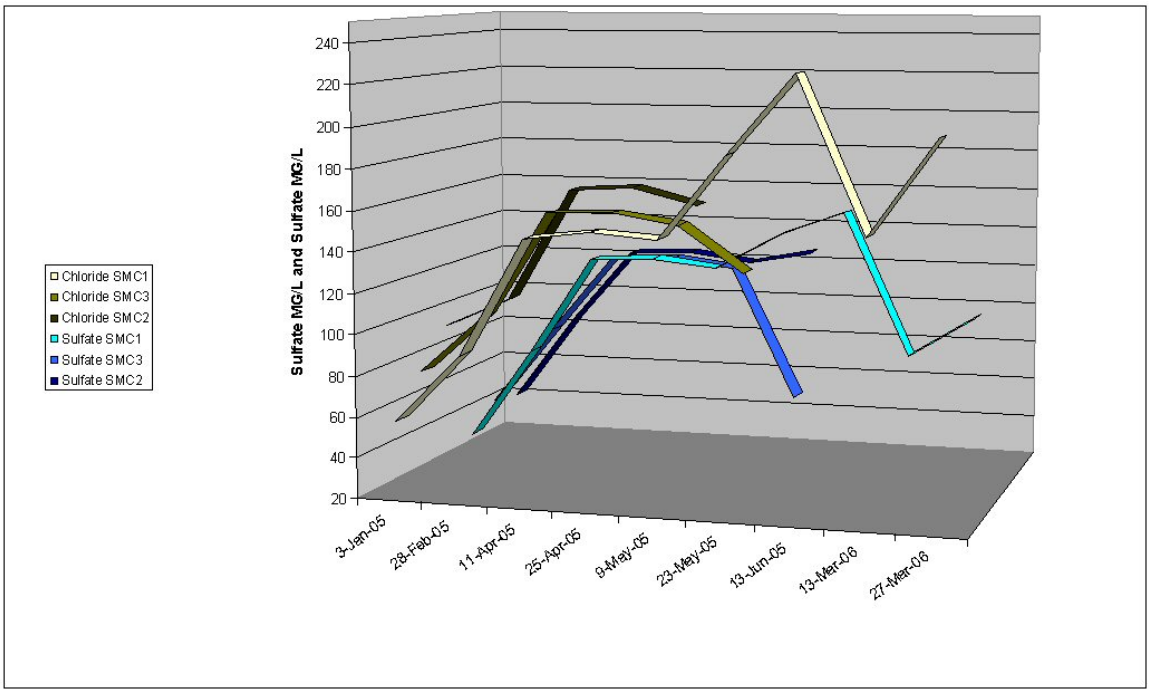


Figure 19. Chloride and sulfate at monitoring stations SMC1, SMC2, and SMC3 for the 2005-2006 monitoring period.

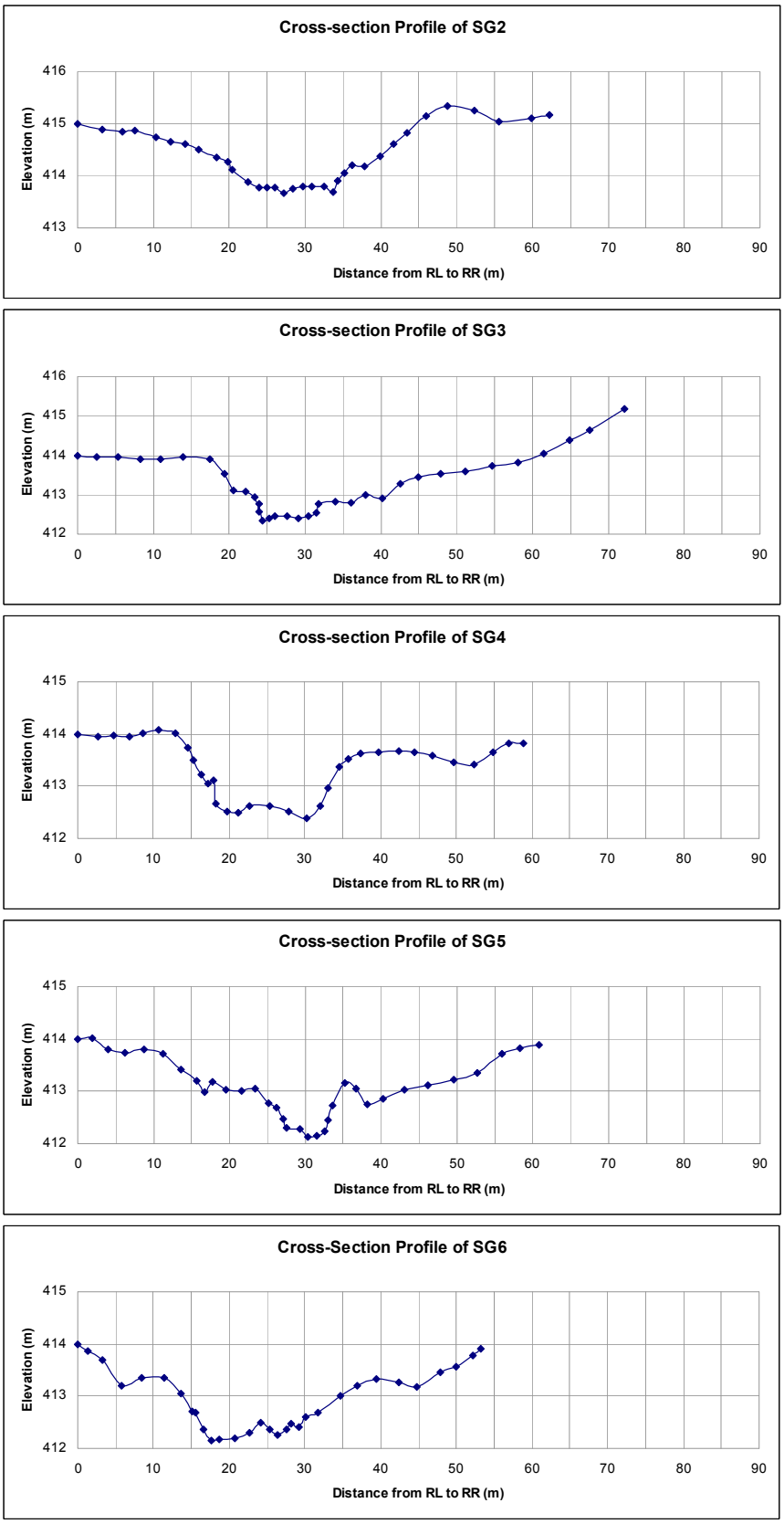


Figure 20a. Channel geomorphology at cross-section SG2-SG6.

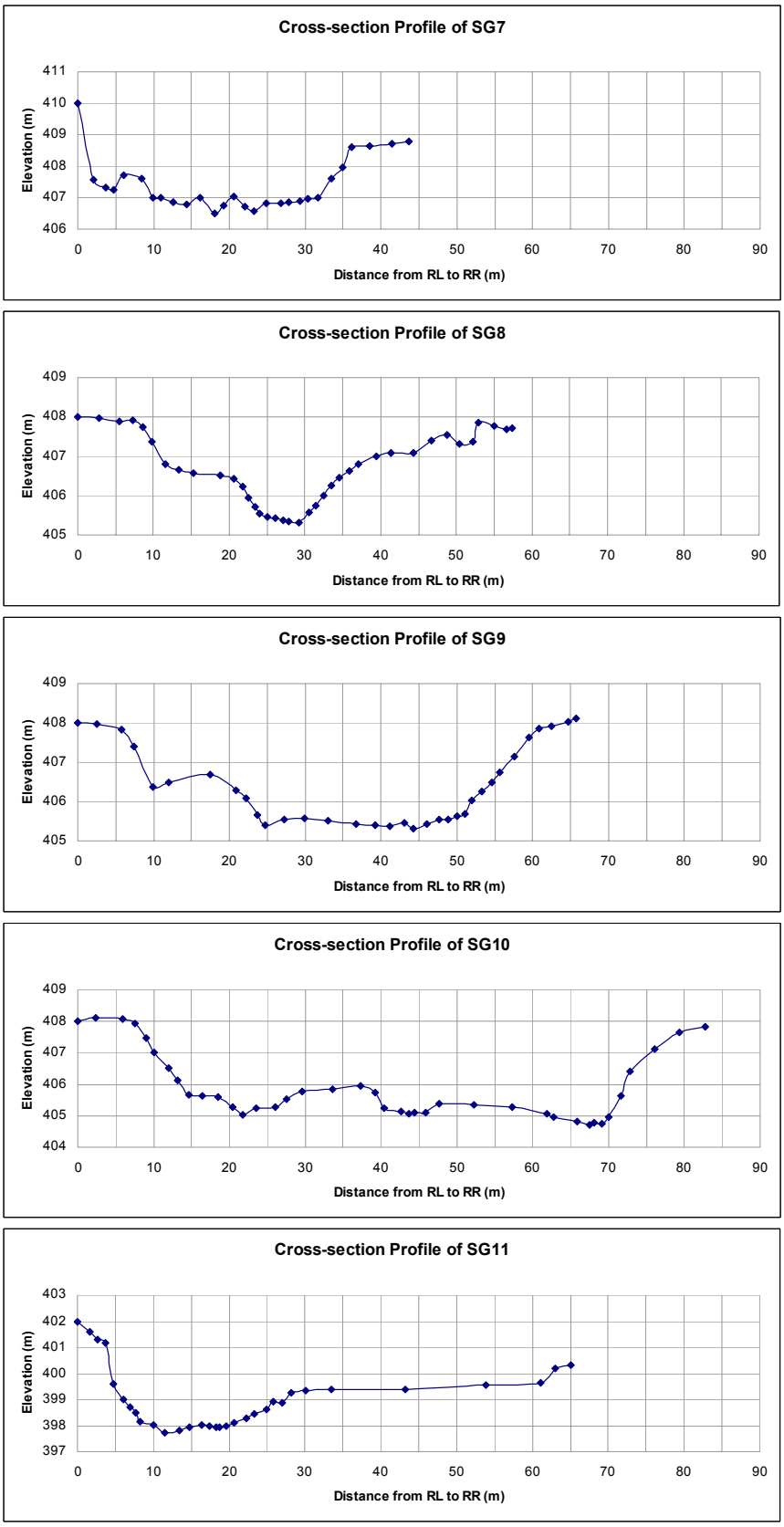


Figure 20b. Channel geomorphology at cross-section SG7-SG11.

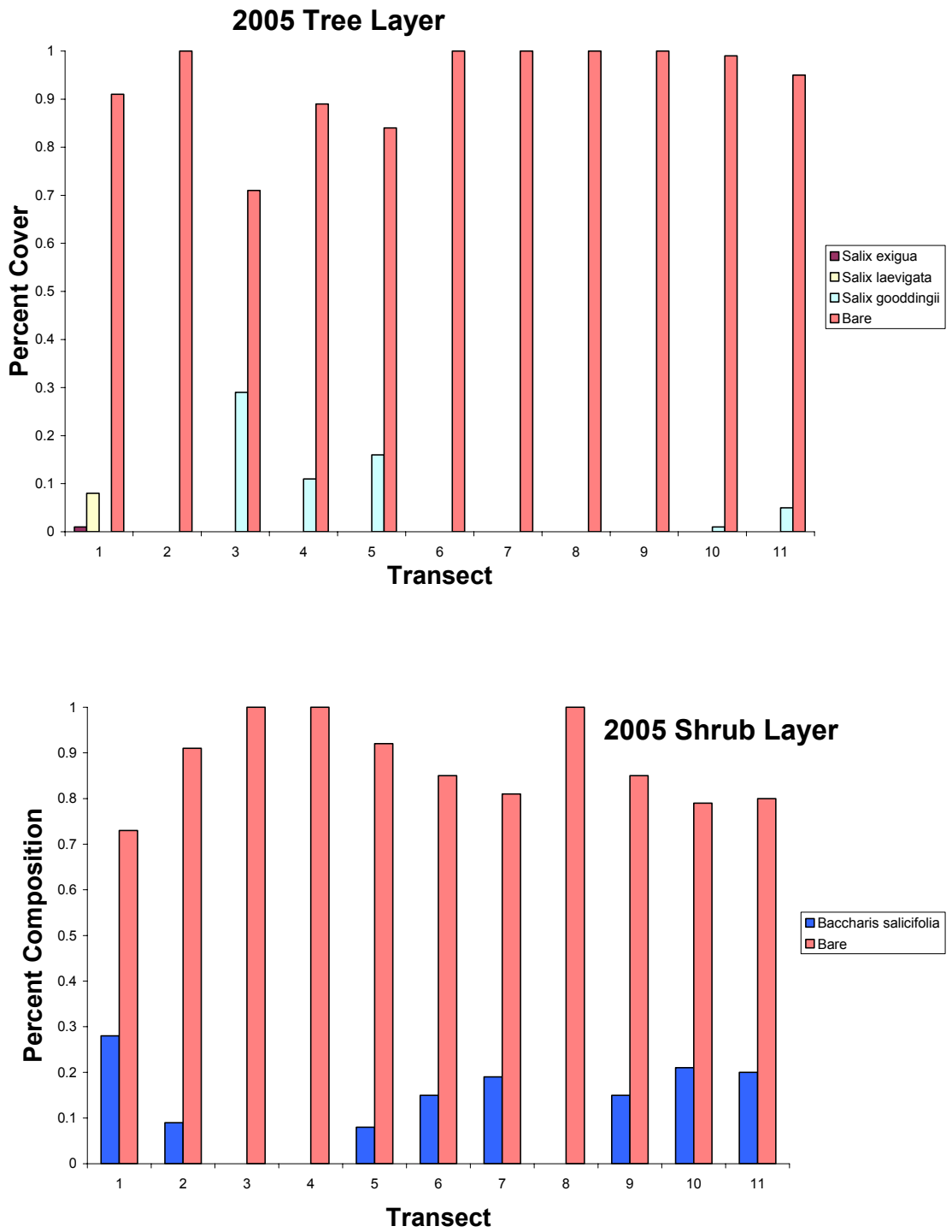
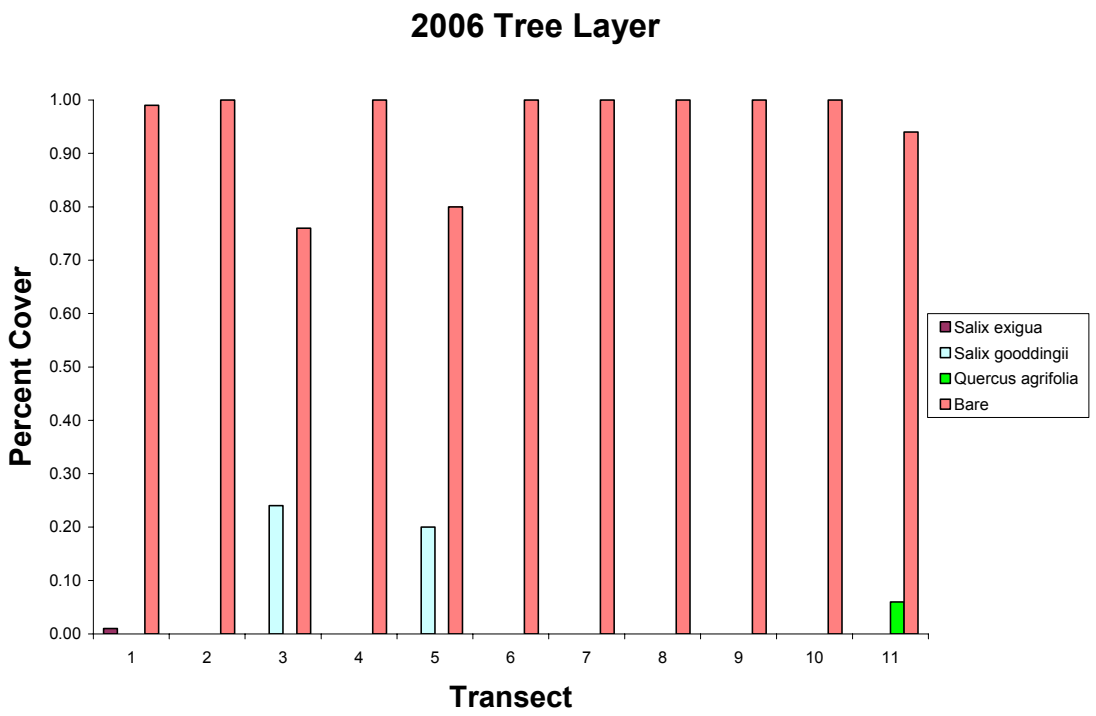


Figure 21a. Tree and shrub cover at riparian transect monitoring locations in 2005.



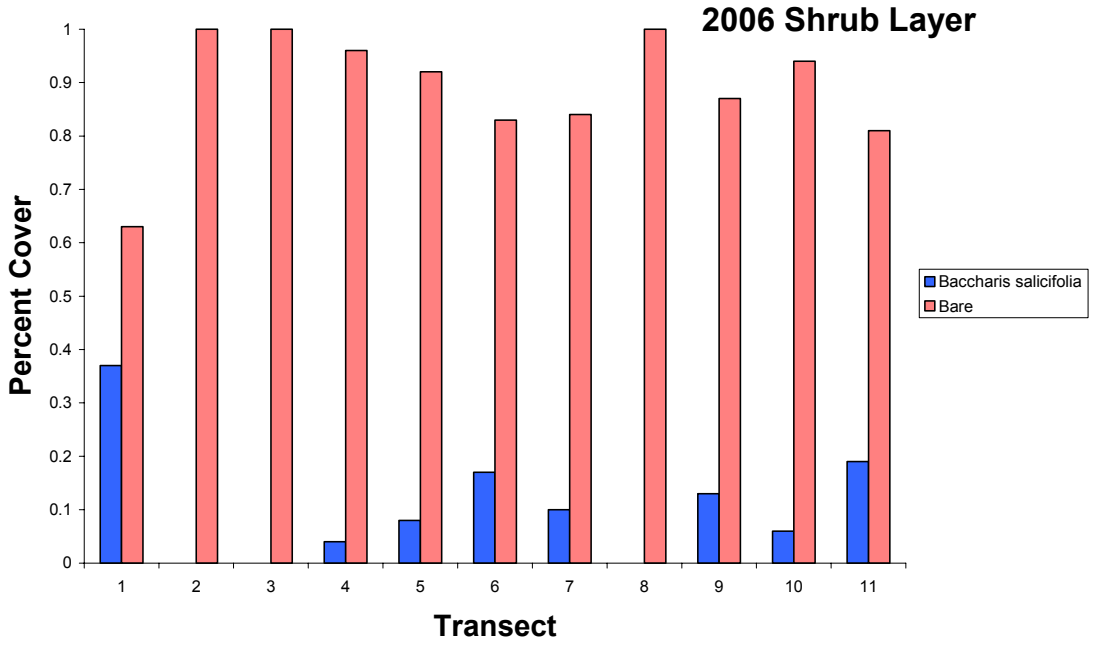


Figure 21b. Tree and shrub cover at riparian transect monitoring locations in 2006.

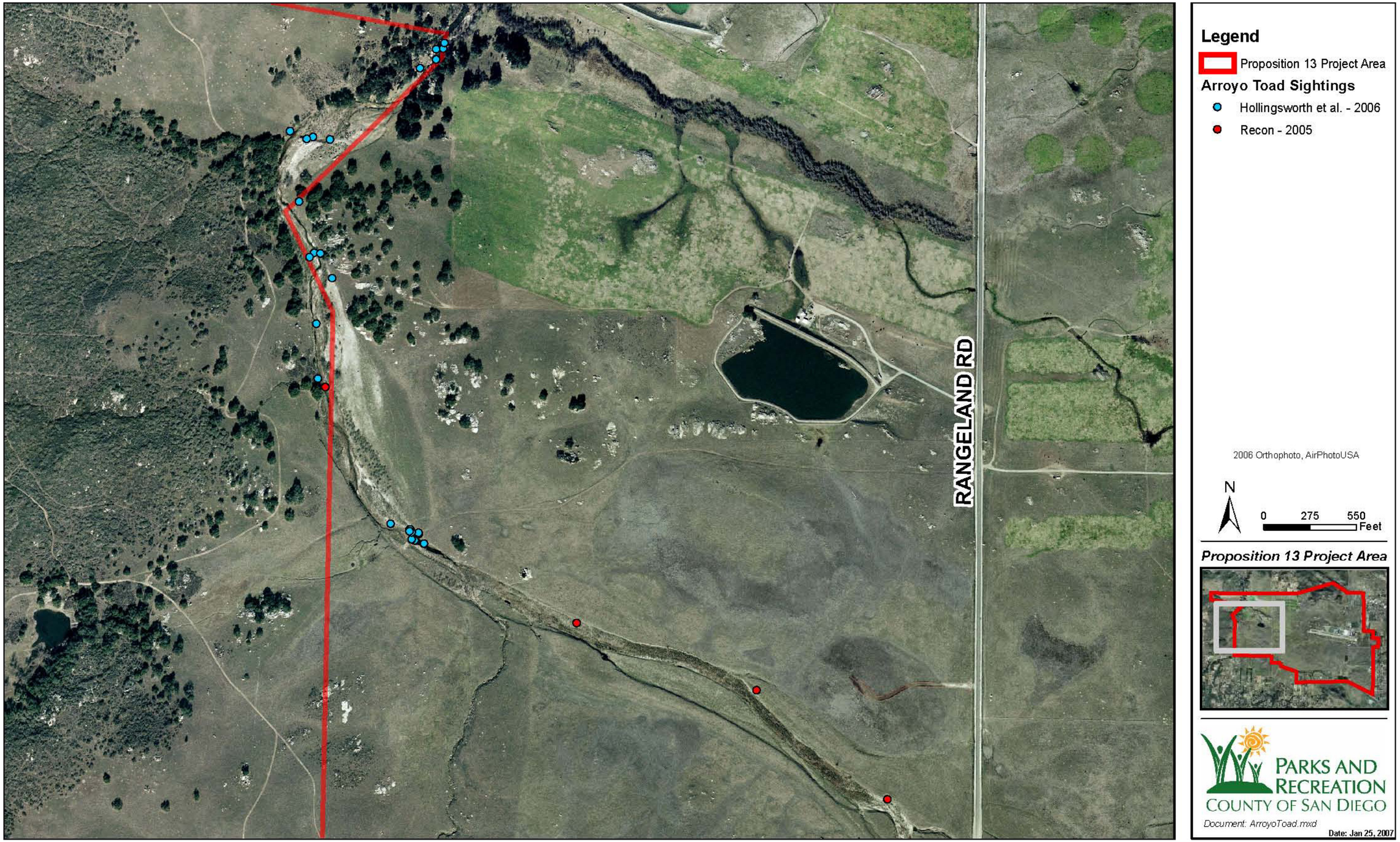


Figure 22. Distribution of arroyo toads detected in the Preserve.

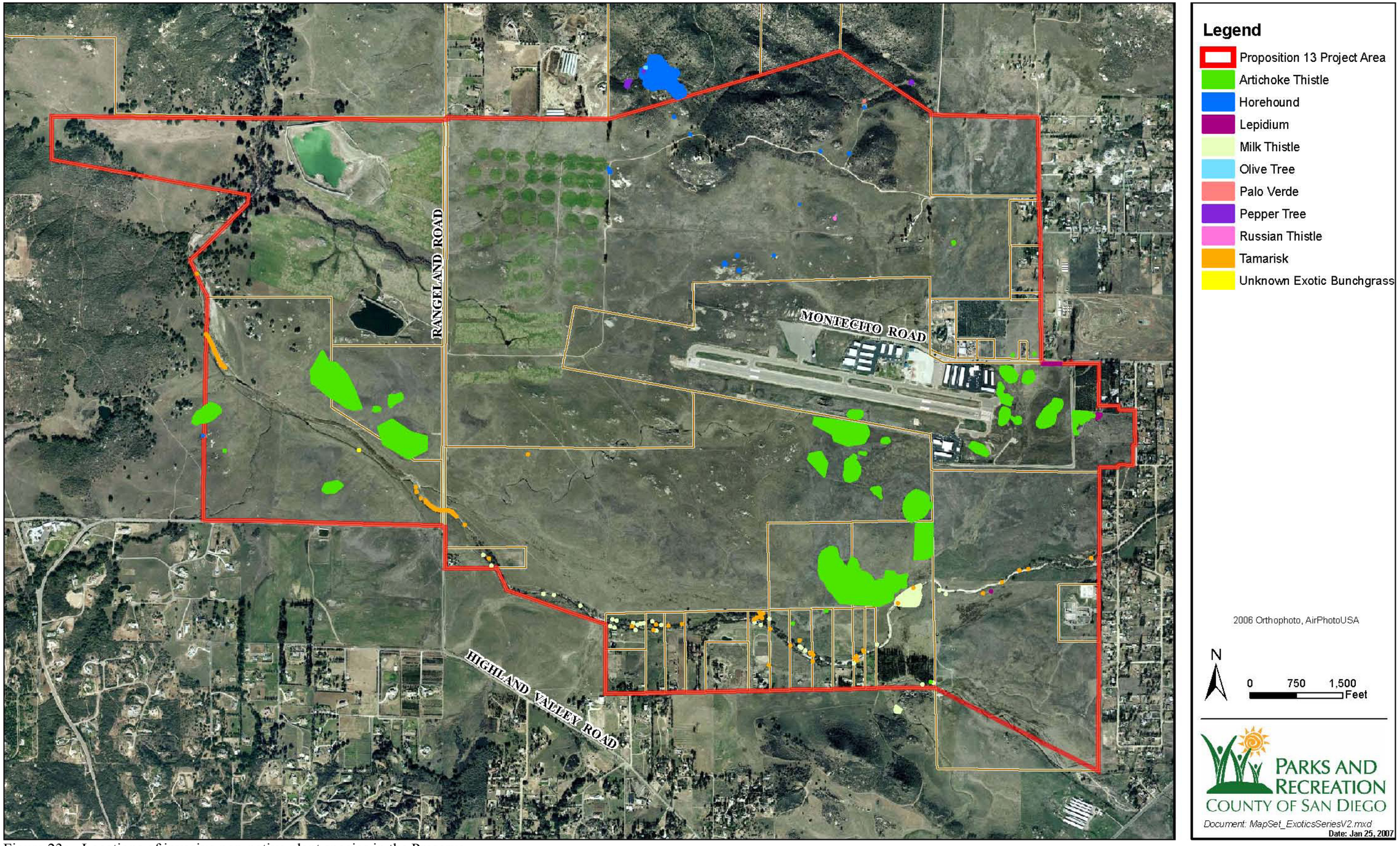


Figure 23a. Locations of invasive non-native plant species in the Preserve.

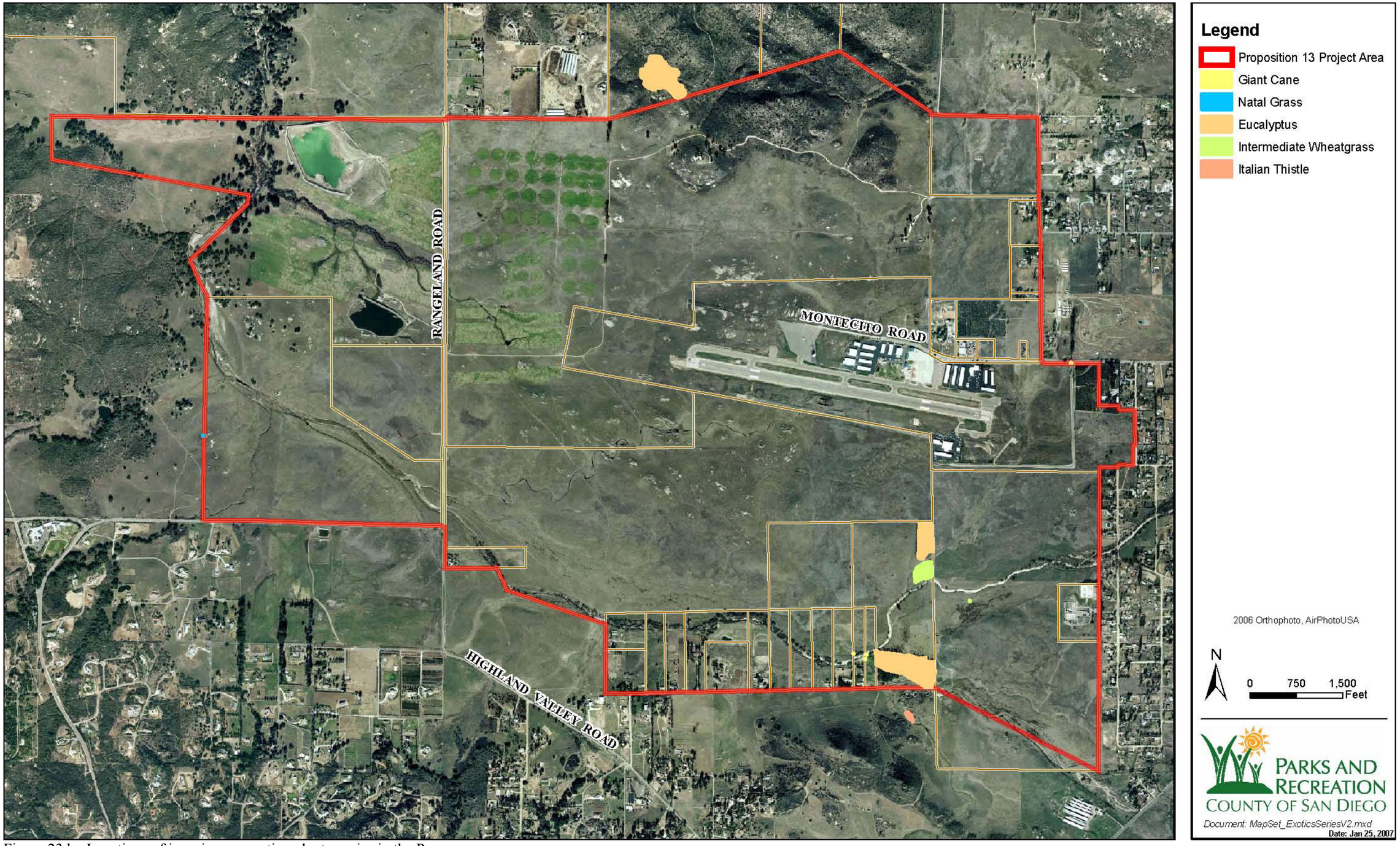


Figure 23 b. Locations of invasive non-native plant species in the Preserve.

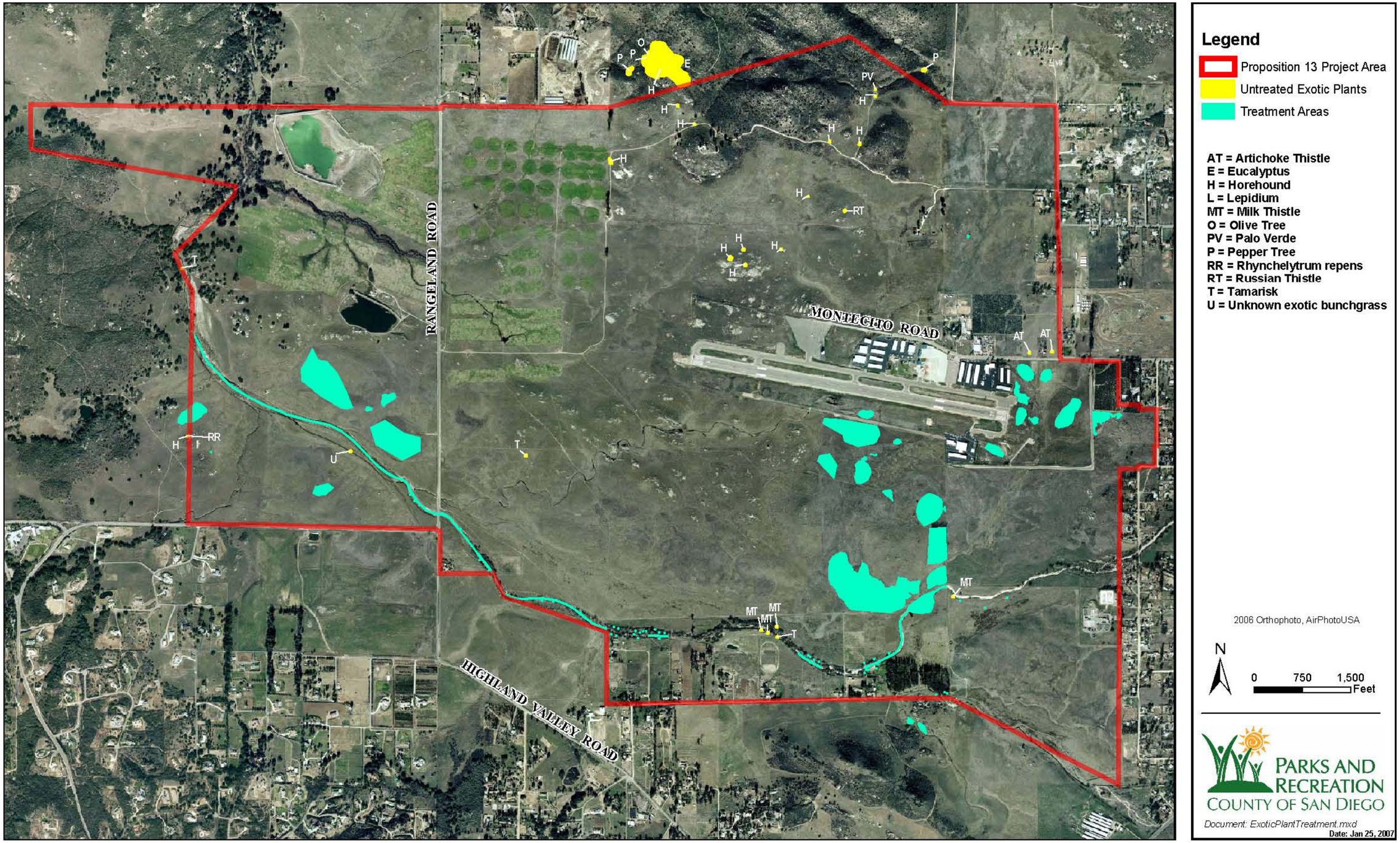


Figure 24. Aggressive non-native species treated in the Preserve.