ABSTRACT

Leach's Storm Petrel (Oceanodroma leucorhoa) is an abundant pelagic seabird that nests in large colonies on islands in the northeastern Atlantic. Due to the species' predilection for nesting on islands, its population size is vulnerable to factors such as human artifacts, especially on islands that are undergoing development. To study the distribution of burrow locations, a total of 689 burrows were located within the 2006 study area. Results were analyzed using SYSTAT statistical software. Maps were prepared using ARCVIEW GIS. Results suggest that distribution of burrows is influenced by several factors, including temperature, proximity to human artifacts, and distance from the ocean.