

## Title – Productivity of Marsh birds in Two Mosquito Controlled Sites

Bombay Hook National Wildlife Refuge has one of the largest areas of nearly unaltered salt marsh in the mid-Atlantic region. We studied the reproductive success of birds in three areas: unaltered by mosquito control, grid-ditched for mosquito control in the 1930's, and open marsh water management (OMWM). In these three sites, nests for sharp-tailed sparrow, seaside sparrow, swamp sparrow and willet were found by observing the bird's behavior. More nests were found in the OMWM site, however there was low nest success. Nests in the unaltered site had higher nest success and the grid site had the least nests and very low nest success.