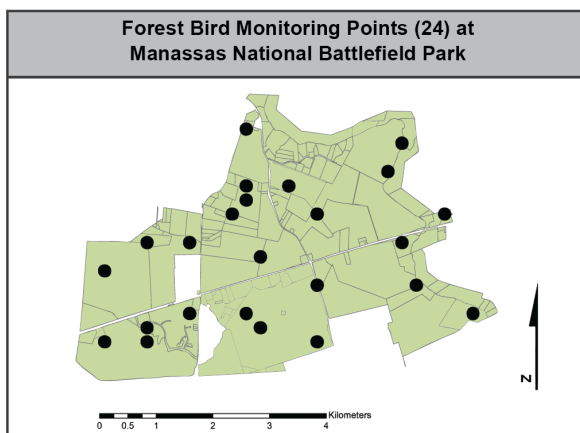


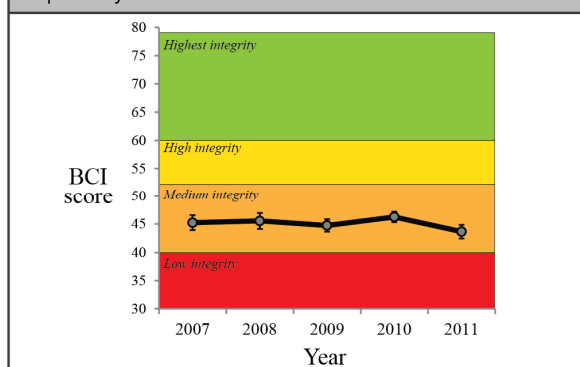


Manassas National Battlefield Park

The National Capital Region Network Inventory & Monitoring (NCRN I&M) program monitors forest breeding birds in Manassas National Battlefield Park at 24 points (see map below). **Right:** Yearly abundance estimates (2007-2011) for four of the most abundant species in the NCRN that occur in Manassas National Battlefield Park, and 13 species of conservation concern detected within Manassas National Battlefield Park. Highest and lowest mean values are labeled and vertical lines indicate standard errors. Four regionally abundant species remained stable. Most of the species of conservation concern had stable abundances. However, Wood Thrush abundance has slightly decreased, the Veery was only detected in 2007, and the Kentucky Warbler was only detected in 2011 within the park. **Left:** Average Bird Community Index scores for Manassas National Battlefield Park (2007-2011).



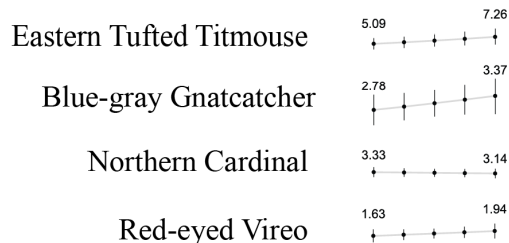
Average Bird Community Index (BCI) Scores
BCI scores (mean $\pm$ SE) for Manassas National Battlefield Park (2007-2011) based on forest breeding bird surveys and assessment of bird communities. Ranges of scores indicate relative levels of low, medium, high, and highest habitat integrity, indicated by red, orange, yellow, and green colors, respectively.



Change in Species Abundance

2007 2008 2009 2010 2011

4 regionally abundant species



13 species of conservation concern

