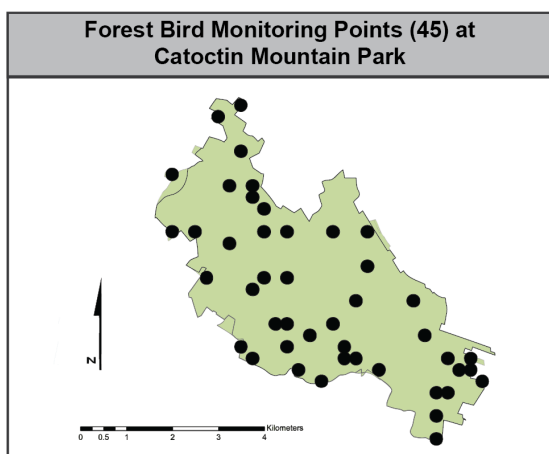




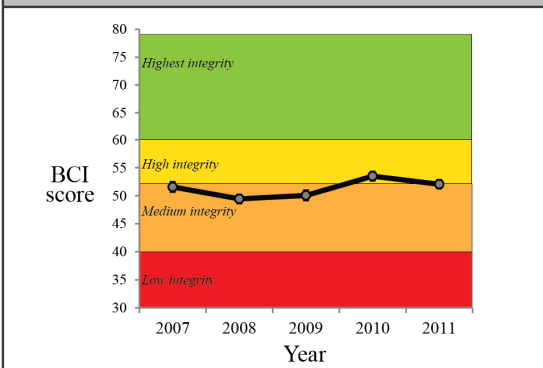
Catoctin Mountain Park

The National Capital Region Network Inventory & Monitoring (NCRN I&M) program monitors forest breeding birds in Catoctin Mountain Park at 45 points (see map below).

Right: Yearly abundance estimates (2007-2011) for four of the most abundant species in the NCRN that occur in Catoctin Mountain Park, and 15 species of conservation concern detected within Catoctin Mountain Park. Highest and lowest mean values are labeled and vertical lines indicate standard errors. The 4 regionally abundant species' abundances remained stable. Species of conservation concern show high levels of variance. However, Wood Thrush abundance has increased, Cerulean Warblers were detected only in 2007, and Summer Tanagers were relatively abundant within the park. **Left:** Average Bird Community Index scores for Catoctin Mountain Park (2007-2011).



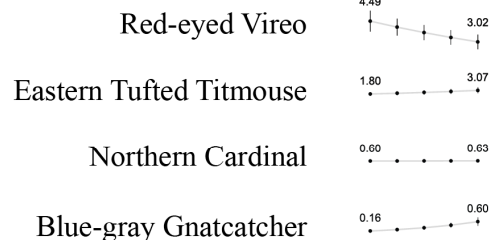
Average Bird Community Index (BCI) Scores
BCI scores (mean $\pm$ SE) for Catoctin Mountain Park (2007-2011) based on forest breeding bird surveys and assessment of bird communities. Ranges of scores indicate relative levels of low, medium, high, and highest habitat integrity, indicated by red, orange,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



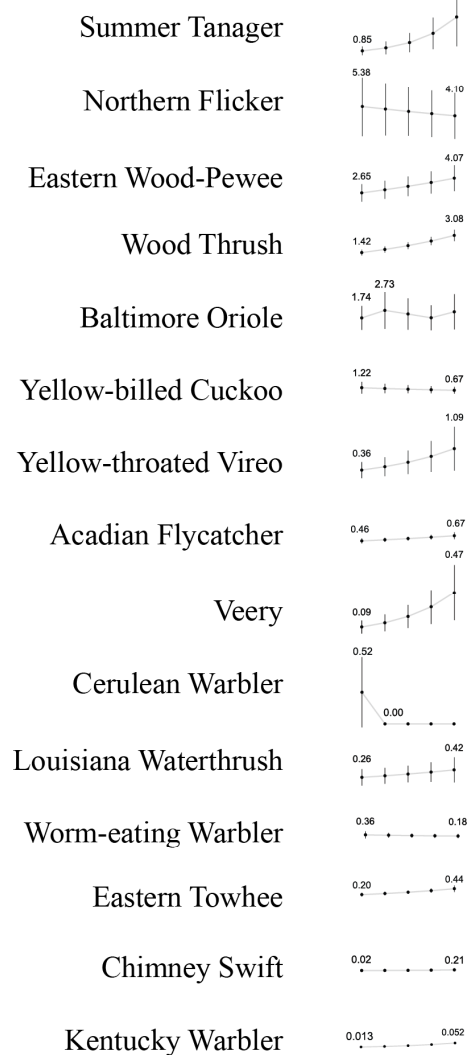
Change in Species Abundance

2007 2009 2011
2008 2010

4 regionally abundant species



15 species of conservation concern



From: Ladin, Z.S., and W.G. Shriver. 2013. Avian Monitoring in the National Capital Region Network: 2007 – 2011. Natural Resource Technical Report NPS/NCRN/NRTR-2013/698. NPS, Fort Collins, Colorado.