

Species: Louisiana Waterthrush (*Seiurus motacilla*)
Global Rank: G5
State Rank: S5B
State Wildlife Action Plan: Responsibility Species
Climate Change Vulnerability Index: Not Vulnerable/Likely Increase
Confidence: Very High

Habitat:

The Louisiana waterthrush is found in the riparian zones of streams in unfragmented, forested watersheds (McWilliams and Brauning 2000).

Current Threats:

Potential threats include forest fragmentation and activities that cause reductions in forest canopy cover or negatively impact aquatic insect communities (Louisiana waterthrushes rely on aquatic macroinvertebrates as a food source). Reduced water quality of streams due to acid mine drainage and other forms of pollution can reduce food availability for the species (NatureServe 2010).

Main Factors Contributing to Vulnerability Rank:

Although the Louisiana waterthrush may be sensitive to certain climate change related factors addressed in the CCVI, the CCVI rank is Not Vulnerable/Likely Increase. Available evidence suggests that abundance and/or range extent within Pennsylvania is likely to increase by 2050. However, additional stressors that may affect the species are not considered in the CCVI and should also be evaluated when planning conservation related actions.

References:

McWilliams, G.M. and D.W. Brauning. 2000. The Birds of Pennsylvania. Comstock Publ. Assoc., Cornell Univ. Press, Ithaca, NY.

NatureServe. 2010. NatureServe Central Databases. Arlington, Virginia. USA.