

Species: Bog Goldenrod (*Solidago uliginosa*)

Global Rank: G4G5

State Rank: S3

Climate Change Vulnerability Index: Not Vulnerable/Presumed Stable

Confidence: Very High

Habitat:

Bog goldenrod is found in bogs, fens, sedge meadows and open wooded peatlands (Rhoads and Block 2007). The species is found in many of the states in the eastern United States and Canada. It occurs throughout Pennsylvania.

Current Threats:

The species is threatened by beaver activity and anthropogenic development that alters hydrologic regime and increases sedimentation.

Main Factors Contributing to Vulnerability Rank:

Although bog goldenrod may be impacted by hydrological alterations due to climate change, the CCVI suggests that the species is Not Vulnerable/Presumed Stable. Available evidence does not suggest that the abundance and/or range extent within Pennsylvania will change (increase/decrease) substantially by 2050. However, actual boundaries may change. Longer distance seed dispersal and habitat versatility are characteristics that may make this species more resilient to climate change as indicated by the CCVI. However, additional stressors that may affect the species are not considered in the CCVI and should also be evaluated when planning conservation related activities.

References:

Rhoads, A. and T. Block. 2007. The Plants of Pennsylvania. 2nd Edition. Philadelphia. University of Pennsylvania Press.