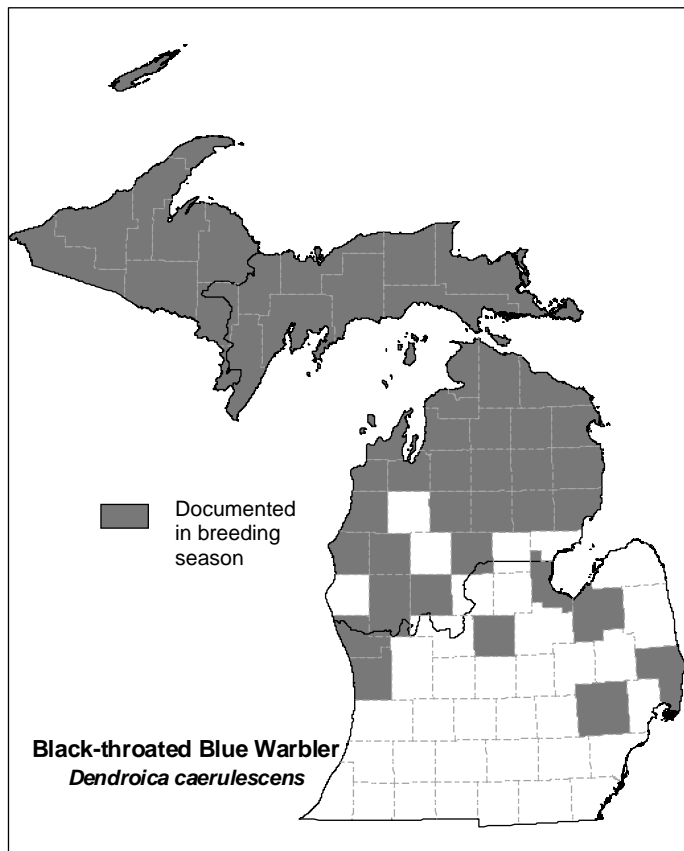


# BIRDS



## **Black-throated Blue Warbler** *(Dendroica caerulescens)*

**DISTRIBUTION & ABUNDANCE:** This warbler is fairly common in the Upper Peninsula and somewhat rarer in the Northern Lower Peninsula. BBS data indicate an increase in populations since the late 1980s.

**ASSOCIATED LANDSCAPE FEATURES:** fence row; lowland hardwood; mesic hardwood; large contiguous natural landscape; late successional forest

**ASSOCIATED THREATS:** conversion to agriculture lands; fragmentation; industrial/residential/recreational development; invasive plants & animals; other biological interactions (overbrowsing by deer reduces understory habitat); pesticides & herbicides

**COMMENTS:** Nest parasitism by Cowbirds (*Molothrus ater*) may be significant.