

Avifauna Management Plan Field Guide for Nalcor Energy's Lower Churchill Generation Project

Nalcor Energy developed an Avifauna Management Plan (AMP) to mitigate potential disturbance to migratory and resident avifauna (i.e. incidental take) based on federal and provincial legislation. A component of the AMP includes directed surveys. Ground nest surveys are to be conducted prior to any vegetation clearing during the sensitive breeding season. Setbacks are established when active nests are encountered during surveys based on the following decision framework (Figure 1) and approximate bird breeding periods (Figure 2-4).

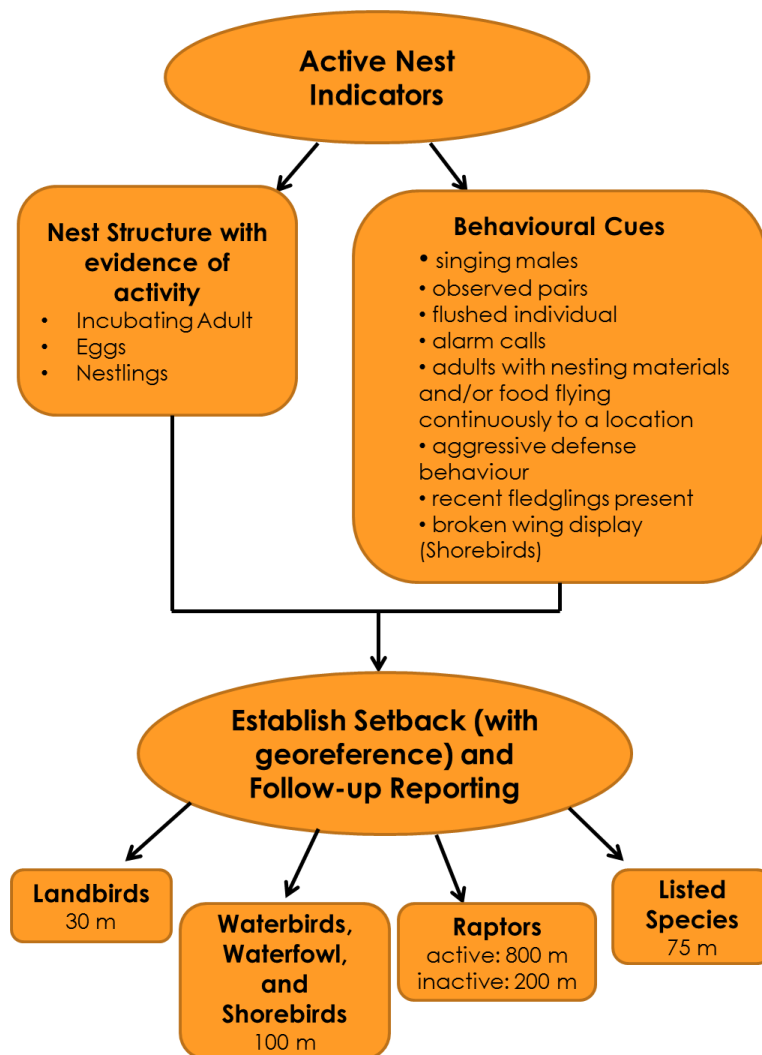


Figure 1 Decision Framework for Establishing an Active Nest Setback

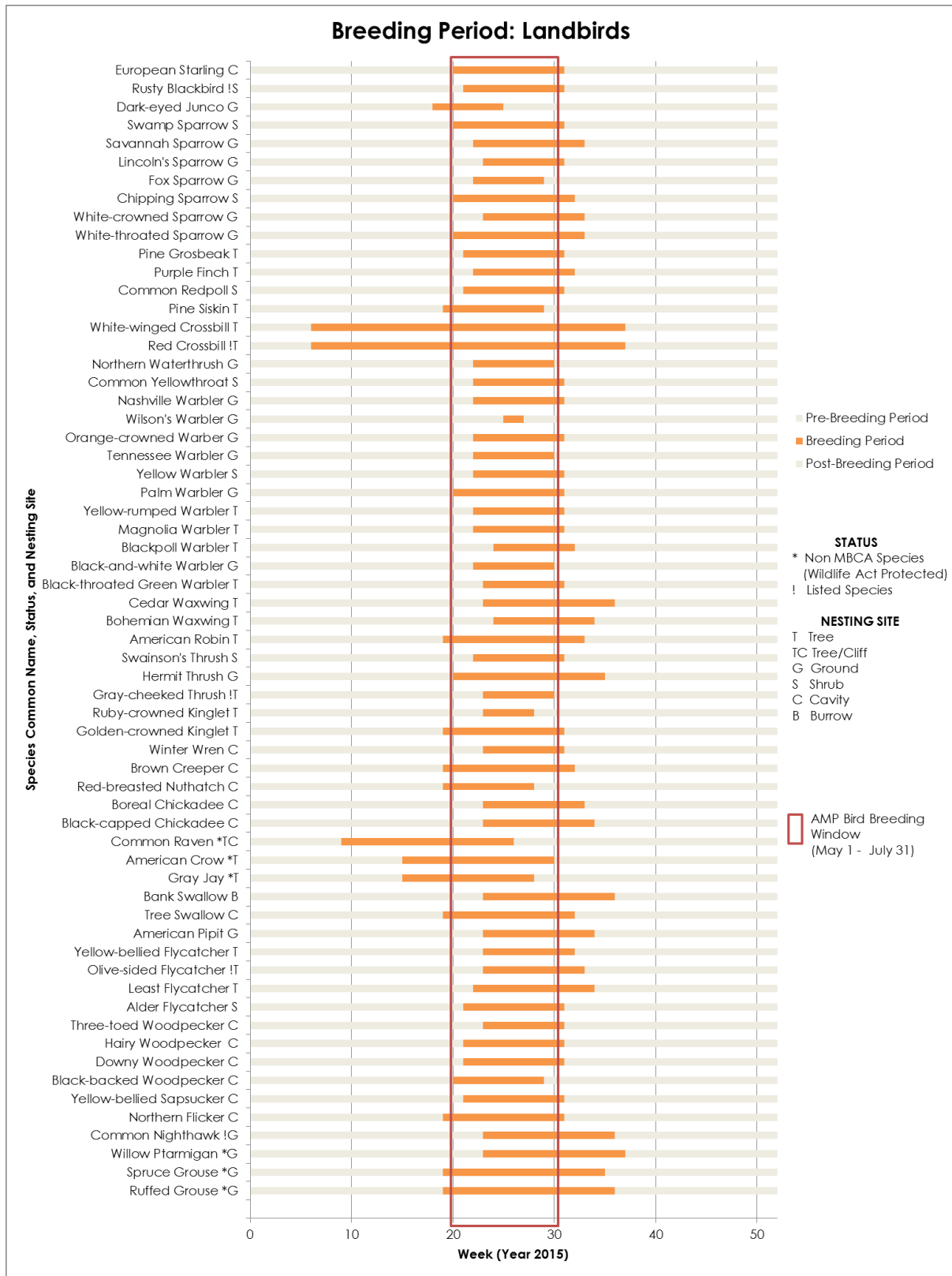


Figure 2 Approximate Breeding Period for Landbirds Based on the Avifauna Management Plan Mitigation Window

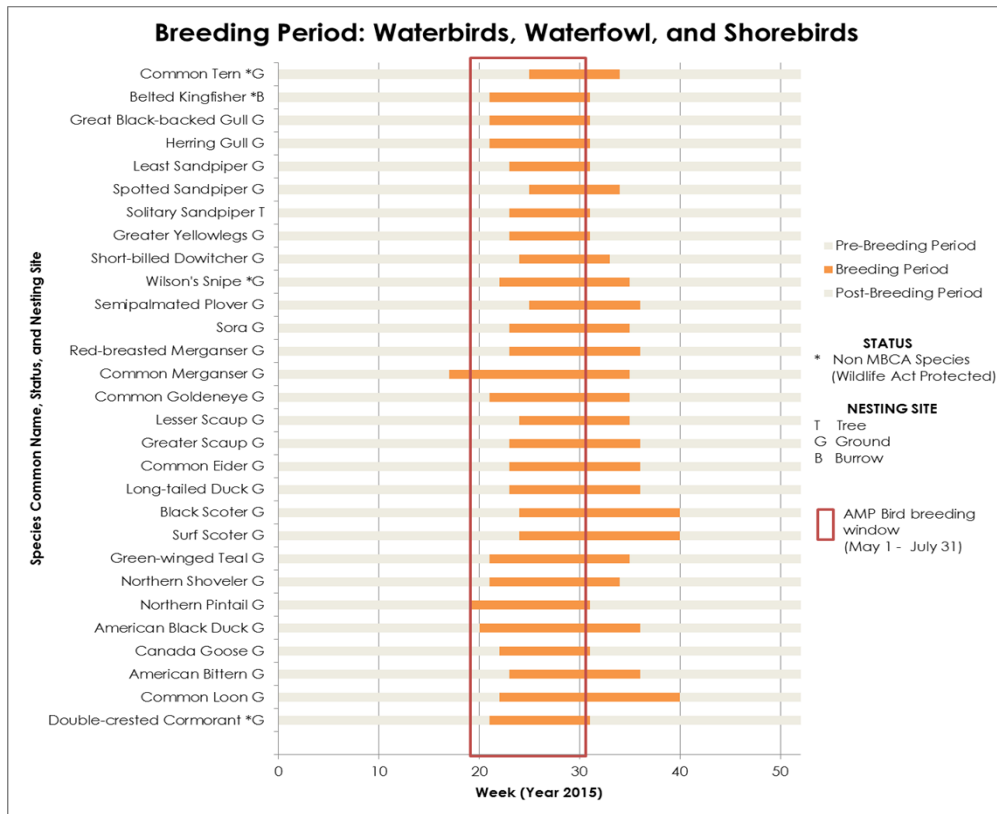


Figure 3 Approximate Breeding Period for Waterbirds, Waterfowl, and Shorebirds Based on the Avifauna Management Plan Mitigation Window

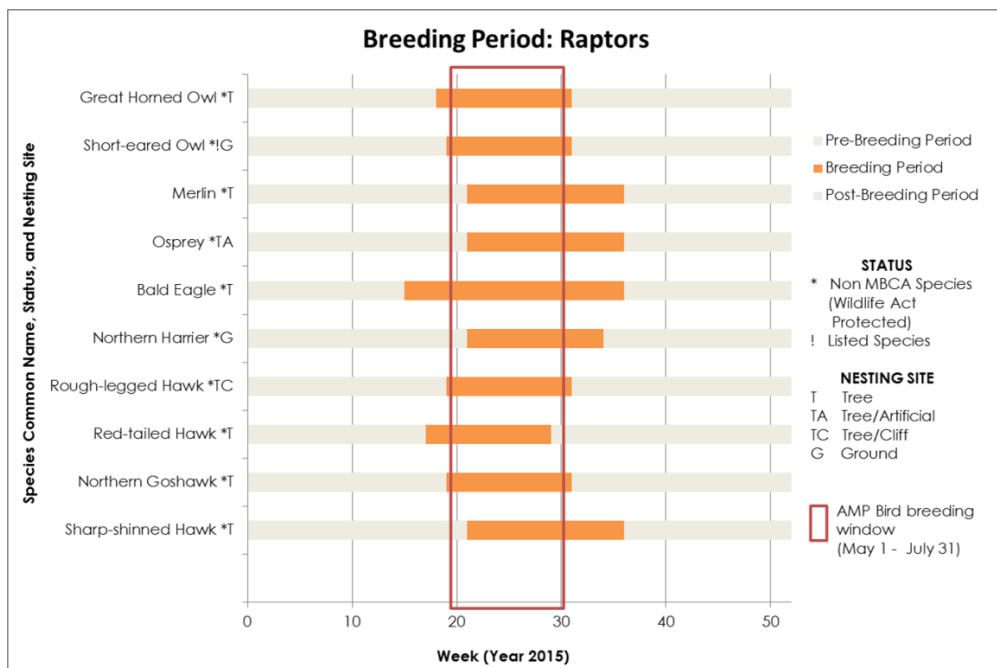


Figure 4 Approximate Breeding Period for Raptors Based on the Avifauna Management Plan Mitigation Window