

Michigan Supplemental Enhancement Activity
Animal Enhancement Activity – ANM24 – Upland forest wildlife structures

Wildlife structures:

Nest Boxes	Snags	Brush Piles	Root Wads & Basking Logs
1. Birds 2. Bats 3. Bees	1. Woodpeckers 2. Owls 3. Squirrels 4. Raptors 5. Small birds	1. Small Mammals 2. Ground Birds	1. Reptiles 2. Amphibians

Recommended number of structures per acre of suitable habitat:

Bird boxes:

Large (Wood duck, screech owl, pileated woodpecker, etc.): 1 per acre
 Small (Bluebird, tree swallow, house wren, etc.): 4 per acre

Bat boxes: 2 triple chamber per acre

Bee tubes: 2 bundles of 25-50 tubes per acre or 2 blocks with 25-50 chambers per acre

Brush piles: 2 per acre

Rood wads: (in wetlands and ponds): 1 per 5 acres of wetland/pond

Snags:

> 20" dbh*: 1 per acre
 >10" dbh and ≤20" dbh: 4 per acre
 >6" dbh and ≤10" dbh: 2 per acre

*dbh = Diameter at breast height (1.4 meters or 4.59' above ground)

For additional information, including placement and structure orientation, refer to the following documents:

[Artificial Nesting Structures](#) (NRCS Biology Tech. Note 20)

[Bats](#) (NRCS Biology Tech. Note 5) or [Bat Conservation International](#) guidelines

[Nests for Native Bees](#) or visit the The Xerces Society [Pollinator Resource Center](#)

[Managing Forests for Fish and Wildlife](#) (NRCS Biology Tech Note 18)

[Farm Pond Ecosystems](#) (NRCS Biology Tech. Note 29)