

Appendix C

Common and scientific name, four-letter abbreviation, migration strategy, nest site, and typical habitat of each species with adequate information for trend analysis in 2019.

| Common Name | Scientific Name | Abbr. | Migration Strategy | Nest Site | Vegetation Type |
|------------------------------|----------------------------------|-------|--------------------|---------------|-------------------------------|
| Alder Flycatcher | <i>Empidonax alnorum</i> | ALFL | Long-distance | Shrub | Shrub swamp |
| American Bittern | <i>Botaurus lentiginosus</i> | AMBI | Short-distance | Ground | Shrub swamp |
| American Crow | <i>Corvus brachyrhynchos</i> | AMCR | Short-distance | Canopy | Deciduous forest |
| American Goldfinch | <i>Carduelis tristis</i> | AMGO | Short-distance | Shrub | Fields and meadows |
| American Redstart | <i>Setophaga ruticilla</i> | AMRE | Long-distance | Shrub | Early-successional |
| American Robin | <i>Turdus migratorius</i> | AMRO | Short-distance | Shrub | Fields and meadows |
| Black-and-white Warbler | <i>Mniotilta varia</i> | BAWW | Long-distance | Ground | Mixed forest |
| Black-billed Cuckoo | <i>Coccyzus erythrophthalmus</i> | BBCU | Long-distance | Shrub | Deciduous forest |
| Blackburnian Warbler | <i>Dendroica fusca</i> | BLBW | Long-distance | Canopy | Coniferous forest |
| Black-capped Chickadee | <i>Poecile atricapillus</i> | BCCH | Permanent resident | Cavity | Deciduous forest |
| Black-throated Blue Warbler | <i>Dendroica caerulescens</i> | BTBW | Long-distance | Shrub | Deciduous forest |
| Black-throated Green Warbler | <i>Dendroica virens</i> | BTNW | Long-distance | Shrub | Mixed forest |
| Blue Jay | <i>Cyanocitta cristata</i> | BLJA | Permanent resident | Canopy | Deciduous forest |
| Blue-headed Vireo | <i>Vireo solitarius</i> | BHVI | Short-distance | Shrub | Coniferous forest |
| Broad-winged Hawk | <i>Buteo platypterus</i> | BWHA | Long-distance | Canopy | Mixed forest |
| Brown Creeper | <i>Certhia americana</i> | BRCR | Short-distance | Cavity | Deciduous forest |
| Brown-headed Cowbird | <i>Molothrus ater</i> | BHCO | Short-distance | Nest parasite | Fields and meadows |
| Canada Jay | <i>Perisoreus canadensis</i> | CAJA | Permanent resident | Shrub | Lowland coniferous forest |
| Canada Warbler | <i>Wilsonia canadensis</i> | CAWA | Long-distance | Ground | Mixed forest |
| Cape May Warbler | <i>Dendroica tigrina</i> | CMWA | Long-distance | Canopy | Coniferous forest |
| Cedar Waxwing | <i>Bombycilla cedrorum</i> | CEDW | Short-distance | Shrub | Ponds, lakes, rivers, streams |
| Chestnut-sided Warbler | <i>Dendroica pensylvanica</i> | CSWA | Long-distance | Shrub | Early-successional |

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|-----------------------------------|-----------------------------------|-------|--------------------|-----------|-------------------------------|
| Chipping Sparrow | <i>Spizella passerina</i> | CHSP | Short-distance | Canopy | Coniferous forest |
| Common Loon | <i>Gavia immer</i> | COLO | Short-distance | Ground | Ponds, lakes, rivers, streams |
| Common Raven | <i>Corvus corax</i> | CORA | Permanent resident | Canopy | Coniferous forest |
| Common Yellowthroat | <i>Geothlypis trichas</i> | COYE | Long-distance | Ground | Shrub swamp |
| Connecticut Warbler | <i>Oporornis agilis</i> | CONW | Long-distance | Ground | Lowland coniferous forest |
| Dark-eyed Junco (Slate-colored) | <i>Junco hyemalis</i> | SCJU | Short-distance | Ground | Lowland coniferous forest |
| Downy Woodpecker | <i>Picoides pubescens</i> | DOWO | Permanent resident | Cavity | Deciduous forest |
| Eastern Towhee | <i>Pipilo erythrophthalmus</i> | EATO | Short-distance | Ground | Early-successional |
| Eastern Wood-Pewee | <i>Contopus virens</i> | EAWP | Long-distance | Canopy | Mixed forest |
| Evening Grosbeak | <i>Coccothraustes vespertinus</i> | EVGR | Permanent resident | Canopy | Mixed forest |
| Golden-crowned Kinglet | <i>Regulus satrapa</i> | GCKI | Short-distance | Canopy | Coniferous forest |
| Golden-winged Warbler | <i>Vermivora chrysoptera</i> | GWWA | Long-distance | Ground | Early-successional |
| Gray Catbird | <i>Dumetella carolinensis</i> | GRCA | Long-distance | Shrub | Early-successional |
| Great Crested Flycatcher | <i>Myiarchus crinitus</i> | GCFL | Long-distance | Cavity | Deciduous forest |
| Hairy Woodpecker | <i>Picoides villosus</i> | HAWO | Permanent resident | Cavity | Deciduous forest |
| Hermit Thrush | <i>Catharus guttatus</i> | HETH | Short-distance | Ground | Mixed forest |
| Indigo Bunting | <i>Passerina cyanea</i> | INBU | Long-distance | Shrub | Fields and meadows |
| Least Flycatcher | <i>Empidonax minimus</i> | LEFL | Long-distance | Shrub | Deciduous forest |
| Lincoln's Sparrow | <i>Melospiza lincolnii</i> | LISP | Long-distance | Ground | Lowland coniferous forest |
| Magnolia Warbler | <i>Dendroica magnolia</i> | MAWA | Long-distance | Shrub | Coniferous forest |
| Mourning Dove | <i>Zenaidura macroura</i> | MODO | Short-distance | Canopy | Fields and meadows |
| Mourning Warbler | <i>Oporornis philadelphia</i> | MOWA | Long-distance | Ground | Early-successional |
| Nashville Warbler | <i>Vermivora ruficapilla</i> | NAWA | Long-distance | Ground | Lowland coniferous forest |
| Northern Flicker (Yellow-shafted) | <i>Colaptes auratus</i> | YSFL | Short-distance | Cavity | Fields and meadows |
| Northern Parula | <i>Parula americana</i> | NOPA | Long-distance | Canopy | Lowland coniferous forest |

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|---------------------------|--------------------------------|-------|--------------------|-----------|-------------------------------|
| Northern Waterthrush | <i>Seiurus noveboracensis</i> | NOWA | Long-distance | Ground | Lowland coniferous forest |
| Olive-sided Flycatcher | <i>Contopus cooperi</i> | OSFL | Long-distance | Canopy | Early-successional |
| Ovenbird | <i>Seiurus aurocapilla</i> | OVEN | Long-distance | Ground | Deciduous forest |
| Palm Warbler (Western) | <i>Dendroica palmarum</i> | WPWA | Long-distance | Ground | Lowland coniferous forest |
| Pileated Woodpecker | <i>Dryocopus pileatus</i> | PIWO | Permanent resident | Cavity | Deciduous forest |
| Pine Warbler | <i>Dendroica pinus</i> | PIWA | Short-distance | Canopy | Coniferous forest |
| Purple Finch | <i>Carpodacus purpureus</i> | PUFI | Short-distance | Canopy | Mixed forest |
| Red-breasted Nuthatch | <i>Sitta canadensis</i> | RBNU | Permanent resident | Cavity | Coniferous forest |
| Red-eyed Vireo | <i>Vireo olivaceus</i> | REVI | Long-distance | Shrub | Deciduous forest |
| Red-winged Blackbird | <i>Agelaius phoeniceus</i> | RWBL | Short-distance | Shrub | Open wetlands |
| Rose-breasted Grosbeak | <i>Pheucticus ludovicianus</i> | RBGR | Long-distance | Shrub | Deciduous forest |
| Ruby-crowned Kinglet | <i>Regulus calendula</i> | RCKI | Short-distance | Canopy | Coniferous forest |
| Ruby-throated Hummingbird | <i>Archilochus colubris</i> | RTHU | Long-distance | Canopy | Ponds, lakes, rivers, streams |
| Ruffed Grouse | <i>Bonasa umbellus</i> | RUGR | Permanent resident | Ground | Deciduous forest |
| Scarlet Tanager | <i>Piranga olivacea</i> | SCTA | Long-distance | Canopy | Deciduous forest |
| Song Sparrow | <i>Melospiza melodia</i> | SOSP | Short-distance | Ground | Fields and meadows |
| Swainson's Thrush | <i>Catharus ustulatus</i> | SWTH | Long-distance | Shrub | Lowland coniferous forest |
| Swamp Sparrow | <i>Melospiza georgiana</i> | SWSP | Short-distance | Ground | Shrub swamp |
| Tennessee Warbler | <i>Vermivora peregrina</i> | TEWA | Long-distance | Ground | Lowland coniferous forest |
| Veery | <i>Catharus fuscescens</i> | VEER | Long-distance | Ground | Deciduous forest |
| White-breasted Nuthatch | <i>Sitta carolinensis</i> | WBNU | Permanent resident | Cavity | Deciduous forest |
| White-throated Sparrow | <i>Zonotrichia albicollis</i> | WTSP | Short-distance | Ground | Early-successional |
| Wilson's Snipe | <i>Gallinago delicata</i> | COSN | Short-distance | Ground | Open wetlands |
| Winter Wren | <i>Troglodytes troglodytes</i> | WIWR | Short-distance | Ground | Lowland coniferous forest |
| Wood Thrush | <i>Hylocichla mustelina</i> | WOTH | Long-distance | Shrub | Deciduous forest |

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| Yellow Warbler | <i>Dendroica petechia</i> | YWAR | Long-distance | Shrub | Shrub swamp |
| Yellow-bellied Flycatcher | <i>Empidonax flaviventris</i> | YBFL | Long-distance | Ground | Lowland coniferous forest |
| Yellow-bellied Sapsucker | <i>Sphyrapicus varius</i> | YBSA | Short-distance | Cavity | Deciduous forest |
| Yellow-rumped Warbler (Myrtle) | <i>Dendroica coronata</i> | MYWA | Short-distance | Canopy | Coniferous forest |
| Yellow-throated Vireo | <i>Vireo flavifrons</i> | YTVI | Long-distance | Canopy | Deciduous forest |