

Appendix 1. All migratory species and grouping of species detected through mist netting (net) and autonomous recording units (ARU) from autumn migration 2013 through 2020. Some species could not be differentiated from one another from their nocturnal flight call; therefore were grouped those species into complexes (i.e., Group below) for both detection methods.

Group	Method of Detection	Common Name	Scientific Name
	Net	Alder Flycatcher	<i>Empidonax alnorum</i>
	ARU	American Coot	<i>Fulica americana</i>
	Net	American Goldfinch	<i>Spinus tristis</i>
	Net	American Kestrel	<i>Falco sparverius</i>
	ARU	American Pipit	<i>Anthus rubescens</i>
	Both	American Redstart	<i>Setophaga ruticilla</i>
	Both	American Robin	<i>Turdus migratorius</i>
	Both	American Tree Sparrow	<i>Spizelloides arborea</i>
	Net	Black-chinned Hummingbird	<i>Archilochus alexandri</i>
	Net	Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>
	Net	Blackpoll Warbler	<i>Setophaga striata</i>
	Net	Blue-headed Vireo	<i>Vireo solitarius</i>
1	Both	Brewer's Sparrow	<i>Spizella breweri</i>
	Net	Brown Creeper	<i>Certhia americana</i>
	Net	Brown Thrasher	<i>Toxostoma rufum</i>
	Net	Brown-headed Cowbird	<i>Molothrus ater</i>
	Net	Bullock's Oriole	<i>Icterus bullockii</i>
	Net	Calliope Hummingbird	<i>Selasphorus calliope</i>
	Both	Canada Warbler	<i>Cardellina canadensis</i>
	Net	Cassin's Finch	<i>Haemorhous cassinii</i>
	Net	Cassin's Vireo	<i>Vireo cassinii</i>
	Net	Cedar Waxwing	<i>Bombycilla cedrorum</i>
	ARU	Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>
	Both	Chipping Sparrow	<i>Spizella passerine</i>
1	Both	Clay-colored Sparrow	<i>Spizella pallida</i>
	Both	Common Yellowthroat	<i>Geothlypis trichas</i>
	Net	Cooper's Hawk	<i>Accipiter cooperii</i>
	Net	Dark-eyed Junco	<i>Junco hyemalis</i>
	Net	Dusky Flycatcher	<i>Empidonax oberholseri</i>
	Net	Eastern Kingbird	<i>Tyrannus tyrannus</i>
	Net	European Starling	<i>Sturnus vulgaris</i>
	Net	Evening Grosbeak	<i>Coccothraustes vespertinus</i>
	Net	Flammulated Owl	<i>Psiloscoops flammeolus</i>
	Net	Fox Sparrow	<i>Passerella iliaca</i>
	Both	Golden-crowned Kinglet	<i>Regulus satrapa</i>
	ARU	Grasshopper Sparrow	<i>Ammodramus savannarum</i>
	Net	Gray Catbird	<i>Dumetella carolinensis</i>
2	ARU	Greater Yellowlegs	<i>Tringa melanoleuca</i>

	Net	Hammond's Flycatcher	<i>Empidonax hammondii</i>
	Net	Hermit Thrush	<i>Catharus guttatus</i>
	ARU	Horned Lark	<i>Eremophila alpestris</i>
	Net	House Wren	<i>Troglodytes aedon</i>
	Both	Lazuli Bunting	<i>Passerina amoena</i>
	Net	Least Flycatcher	<i>Empidonax minimus</i>
	ARU	Least Sandpiper	<i>Calidris minutilla</i>
	Net	Lesser Goldfinch	<i>Spinus psaltria</i>
2	ARU	Lesser Yellowlegs	<i>Tringa flavipes</i>
	Net	Lewis's Woodpecker	<i>Melanerpes lewis</i>
3	Both	Lincoln's Sparrow	<i>Melospiza lincolnii</i>
	Net	MacGillivray's Warbler	<i>Geothlypis tolmiei</i>
	Net	Marsh Wren	<i>Cistothorus palustris</i>
	Net	Mountain Bluebird	<i>Sialia currucoides</i>
	Net	Mourning Dove	<i>Zenaida macroura</i>
	Net	Nashville Warbler	<i>Oreothlypis ruficapilla</i>
	Net	Northern Flicker	<i>Colaptes auratus</i>
	Net	Northern Saw-whet Owl	<i>Aegolius acadicus</i>
	Both	Northern Waterthrush	<i>Parkesia noveboracensis</i>
	Net	Orange-crowned Warbler	<i>Oreothlypis celata</i>
	Net	Ovenbird	<i>Seiurus aurocapilla</i>
	Net	Pacific Wren	<i>Troglodytes pacificus</i>
	Net	Pacific-slope Flycatcher	<i>Empidonax difficilis</i>
	Both	Pine Siskin	<i>Spinus pinus</i>
	Net	Red Crossbill	<i>Loxia curvirostra</i>
	Both	Red-breasted Nuthatch	<i>Sitta canadensis</i>
	Net	Red-eyed Vireo	<i>Vireo olivaceus</i>
	Net	Red-naped Sapsucker	<i>Sphyrapicus nuchalis</i>
	Net	Rock Wren	<i>Salpinctes obsoletus</i>
	Net	Ruby-crowned Kinglet	<i>Regulus calendula</i>
	Net	Rufous Hummingbird	<i>Selasphorus rufus</i>
	Both	Savannah Sparrow	<i>Passerculus sandwichensis</i>
	Net	Sharp-shinned Hawk	<i>Accipiter striatus</i>
4	ARU	Solitary Sandpiper	<i>Tringa solitaria</i>
	Net	Song Sparrow	<i>Melospiza melodia</i>
	ARU	Sora	<i>Porzana Carolina</i>
4	ARU	Spotted Sandpiper	<i>Actitis macularius</i>
	Net	Spotted Towhee	<i>Pipilo maculatus</i>
	Both	Swainson's Thrush	<i>Catharus ustulatus</i>
3	Both	Swamp Sparrow	<i>Melospiza georgiana</i>
	Net	Tennessee Warbler	<i>Leiothlypis peregrina</i>
	Net	Townsend's Solitaire	<i>Myadestes townsendi</i>
	Net	Townsend's Warbler	<i>Setophaga townsendi</i>

ARU	Upland Sandpiper	<i>Bartramia longicauda</i>
Net	Veery	<i>Catharus fuscescens</i>
Both	Vesper Sparrow	<i>Pooecetes gramineus</i>
ARU	Virginia Rail	<i>Rallus limicola</i>
Net	Warbling Vireo	<i>Vireo gilvus</i>
Net	Western Palm Warbler	<i>Setophaga palmarum palmarum</i>
Net	Western Screech-Owl	<i>Megascops kennicottii</i>
Net	Western Tanager	<i>Piranga ludoviciana</i>
Net	Western Wood-Pewee	<i>Contopus sordidulus</i>
Net	White-breasted Nuthatch	<i>Sitta carolinensis</i>
Both	White-crowned Sparrow	<i>Zonotrichia leucophrys</i>
Both	White-throated Sparrow	<i>Zonotrichia albicollis</i>
Net	Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>
Net	Willow Flycatcher	<i>Empidonax traillii</i>
ARU	Wilson's Snipe	<i>Gallinago delicata</i>
Both	Wilson's Warbler	<i>Cardellina pusilla</i>
Both	Yellow Warbler	<i>Setophaga petechia</i>
Both	Yellow-rumped Warbler	<i>Setophaga coronata</i>
