

## Appendix 2

Table A2.1. Number of detections for each avian species observed within fenced and unfenced timber harvests in Pennsylvania in 2019 and 2020. We used the sum of detections between our two visits at a given survey location to quantify total number of detections for each species.

Common Name	Scientific Name	Number of detections	
		2019	2020
Alder Flycatcher	<i>Empidonax alnorum</i>	4	9
American Crow†	<i>Corvus brachyrhynchos</i>	2	6
American Goldfinch	<i>Spinus tristis</i>	30	35
American Redstart	<i>Setophaga ruticilla</i>	33	22
American Robin	<i>Turdus migratorius</i>	24	17
Baltimore Oriole	<i>Icterus galbula</i>	5	3
Black-and-white-Warbler	<i>Mniotilta varia</i>	107	106
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	4	0
Black-capped Chickadee	<i>Poecile atricapillus</i>	12	14
Brown-headed Cowbird	<i>Molothrus ater</i>	21	19
Blue-headed Vireo	<i>Vireo solitarius</i>	0	3
Blackburnian Warbler	<i>Setophaga fusca</i>	1	1
Blue Jay	<i>Cyanocitta cristata</i>	16	17
Brown Thrasher	<i>Toxostoma rufum</i>	1	2
Black-throated Blue Warbler	<i>Setophaga caerulescens</i>	1	2
Black-throated Green Warbler	<i>Setophaga virens</i>	0	17
Blue-winged Warbler	<i>Vermivora cyanoptera</i>	1	0
Cedar Waxwing	<i>Bombycilla cedrorum</i>	32	27
Chipping Sparrow	<i>Spizella passerine</i>	2	2
Common Raven†	<i>Corvus corax</i>	2	1
Common Yellowthroat	<i>Geothlypis trichas</i>	214	235
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	362	358
Downy Woodpecker	<i>Picoides pubescens</i>	0	1
Eastern Bluebird	<i>Sialia sialis</i>	1	2
Eastern Phoebe	<i>Sayornis phoebe</i>	0	1
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	237	226
Eastern Wood Pewee	<i>Contopus virens</i>	4	3
Field Sparrow	<i>Spizella pusilla</i>	90	76
Great-crested Flycatcher	<i>Ouriarchus crinitus</i>	4	1
Gray Catbird	<i>Dumetella carolinensis</i>	95	152
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	13	5
Hairy Woodpecker	<i>Leuconotopicus villosus</i>	3	0
House Wren	<i>Troglodytes aedon</i>	1	0
Indigo Bunting	<i>Passerina cyanea</i>	32	16
Least Flycatcher	<i>Empidonax minimus</i>	4	12
Magnolia Warbler	<i>Setophaga magnolia</i>	2	0
Mourning Dove	<i>Geothlypis Philadelphia</i>	18	15

Nashville Warbler	<i>Leiothlypis ruficapilla</i>	5	6
Northern Flicker	<i>Colaptes auratus</i>	11	13
Norther Parula	<i>Setophaga Americana</i>	0	1
Ovenbird	<i>Seiurus aurocapilla</i>	63	92
Pileated Woodpecker	<i>Dryocopus pileatus</i>	1	1
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	54	95
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	5	3
Red-eyed Vireo	<i>Vireo olivaceus</i>	100	72
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	1	0
Ruffed Grouse†	<i>Bonasa umbellus</i>	7	7
Scarlet Tanager	<i>Piranga olivacea</i>	35	34
Song Sparrow	<i>Melospiza melodia</i>	36	26
Tennessee Warbler	<i>Leiothlypis peregrina</i>	0	1
Tree Swallow	<i>Tachycineta bicolor</i>	1	0
Veery	<i>Catharus fuscescens</i>	33	33
White-breasted Nuthatch	<i>Sitta carolinensis</i>	3	10
Wild Turkey†	<i>Meleagris gallopavo</i>	4	0
Wood Thrush	<i>Hylocichla mustelina</i>	11	23
White-throated Sparrow	<i>Zonotrichia albicollis</i>	0	1
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	1	3
Yellow Warbler	<i>Setophaga petechia</i>	1	1

† Species that were not used in our diversity analysis