

Appendix 1

Table A1.1 List of birds detected from recordings ordered by descending naive occupancy, showing the number of recording files a species was detected by habitat type.

Common Name	Scientific Name	Alpha Code	Naive Occupancy	Rice	Marsh	Riparian
American Robin	<i>Turdus migratorius</i>	AMRO	0.711	33	111	142
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	BHGR	0.660	15	143	132
Brown-headed Cowbird	<i>Molothrus ater</i>	BHCO	0.629	34	62	50
Bewick's Wren	<i>Thryomanes bewickii</i>	BEWR	0.619	3	102	154
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	ATFL	0.567	3	60	115
Spotted Towhee	<i>Pipilo maculatus</i>	SPTO	0.557	2	59	128
Tree Swallow	<i>Tachycineta bicolor</i>	TRES	0.557	38	66	63
House Finch	<i>Haemorhous mexicanus</i>	HOFI	0.536	18	50	46
California Towhee	<i>Melospiza crissalis</i>	CALT	0.515	7	86	70
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	RWBL	0.474	159	30	22
Lesser Goldfinch	<i>Spinus psaltria</i>	LEGO	0.464	2	38	56
Western Kingbird	<i>Tyrannus verticalis</i>	WEKI	0.443	10	45	86
Bushtit	<i>Psaltriparus minimus</i>	BUSH	0.381	0	29	42
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	BRBL	0.371	21	22	12
Western Wood-Pewee	<i>Contopus sordidulus</i>	WEWP	0.361	0	21	127
Black Phoebe	<i>Sayornis nigricans</i>	BLPH	0.330	3	28	40
Mourning Dove	<i>Zenaida macroura</i>	MODO	0.330	0	26	54
Nuttall's Woodpecker	<i>Dryobates nuttallii</i>	NUWO	0.309	0	11	51
Common Yellowthroat	<i>Geothlypis trichas</i>	COYE	0.299	3	60	16
Oak Titmouse	<i>Baeolophus inornatus</i>	OATI	0.278	0	4	51
House Wren	<i>Troglodytes aedon</i>	HOWR	0.268	0	3	140
California Scrub-Jay	<i>Aphelocoma californica</i>	CASJ	0.237	0	9	26
Wild Turkey	<i>Meleagris gallopavo</i>	WITU	0.227	0	22	36
American Goldfinch	<i>Spinus tristis</i>	AMGO	0.216	9	24	9
Bullock's Oriole	<i>Icterus bullockii</i>	BUOR	0.216	0	9	64
Downy Woodpecker	<i>Dryobates pubescens</i>	DOWO	0.216	0	11	21
Song Sparrow	<i>Melospiza melodia</i>	SOSP	0.216	10	69	6
Wood Duck	<i>Aix sponsa</i>	WODU	0.216	4	9	37
Northern Mockingbird	<i>Mimus polyglottos</i>	NOMO	0.206	6	39	4
Marsh Wren	<i>Cistothorus palustris</i>	MAWR	0.196	4	110	3
Killdeer	<i>Charadrius vociferous</i>	KILL	0.175	23	2	3
Ring-necked Pheasant	<i>Phasianus colchicus</i>	RNEP	0.165	11	18	9
Blue Grosbeak	<i>Passerina caerulea</i>	BLGR	0.144	13	14	2
Mallard	<i>Anas platyrhynchos</i>	MALL	0.134	9	3	6

Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	BCNH	0.113	3	5	8
White-breasted Nuthatch	<i>Sitta carolinensis</i>	WBNU	0.113	0	1	18
Cedar Waxwing	<i>Bombycilla cedrorum</i>	CEDW	0.103	0	5	13
Western Meadowlark	<i>Sturnella neglecta</i>	WEME	0.093	15	3	0
American Bittern	<i>Bortarus lentiginosus</i>	AMBI	0.093	23	0	0
European Starling	<i>Sturnus vulgaris</i>	EUST	0.072	0	0	11
Great Blue Heron	<i>Ardea herodias</i>	GBHE	0.072	2	3	4
Western Tanager	<i>Piranga ludoviciana</i>	WETA	0.072	0	1	6
Red-shouldered Hawk	<i>Buteo lineatus</i>	RSHA	0.062	0	4	5
Belted Kingfisher	<i>Megaceryle alcyon</i>	BEKI	0.052	0	2	5
California Quail	<i>Callipepla californica</i>	CAQU	0.052	1	5	2
Common Raven	<i>Corvus corax</i>	CORA	0.052	1	1	4
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	DCCO	0.052	1	0	4
Great Horned Owl	<i>Bubo virginianus</i>	GHOW	0.052	0	2	7
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	0.041	0	3	4
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	BGGN	0.041	0	0	8
Great Egret	<i>Ardea alba</i>	GREG	0.041	4	0	1
Swainson's Thrush	<i>Catharus ustulatus</i>	SWTH	0.041	0	1	4
Brown Creeper	<i>Certhia americana</i>	BRCR	0.031	0	0	3
Black-throated Gray Warbler	<i>Setophaga nigrescens</i>	BTYW	0.031	0	1	2
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	CLSW	0.031	0	1	3
House Sparrow	<i>Passer domesticus</i>	HOSP	0.031	1	1	2
Lark Sparrow	<i>Chondestes grammacus</i>	LASP	0.031	2	1	0
Northern Parula (vagrant)	<i>Setophaga americana</i>	NOPA	0.031	0	1	2
Pied-billed Grebe	<i>Podilymbus podiceps</i>	PBGR	0.031	2	1	1
Warbling Vireo	<i>Vireo gilvus</i>	WAVI	0.031	0	1	2
Western Bluebird	<i>Sialia mexicana</i>	WEBL	0.031	0	0	3
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	YBCU	0.031	1	2	0
Yellow Warbler	<i>Setophaga petechia</i>	YEWA	0.031	0	0	4
Black-chinned Hummingbird	<i>Archilochus alexandri</i>	BCHU	0.021	0	1	1
Canada Goose	<i>Branta canadensis</i>	CANG	0.021	0	2	0
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	EUCD	0.021	0	0	2
Green Heron	<i>Butorides virescens</i>	GRHE	0.021	0	0	2
Greater Yellowlegs	<i>Tringa melanoleuca</i>	GRYE	0.021	1	1	0
Hooded Merganser	<i>Lophodytes cucullatus</i>	HOME	0.021	0	0	2
No. Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	NRWS	0.021	1	0	1
Anna's Hummingbird	<i>Calypte anna</i>	ANHU	0.010	0	0	1
Bell's Vireo	<i>Vireo bellii</i>	BEVI	0.010	0	1	0
Black Rail	<i>Laterallus jamaicensis</i>	BLRA	0.010	1	0	0

Chipping Sparrow	<i>Spizella passerina</i>	CHSP	0.010	0	0	1
Dark-eyed Junco	<i>Junco hyemalis</i>	DEJU	0.010	0	1	0
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	GTGR	0.010	1	0	0
Lazuli Bunting	<i>Passerina amoena</i>	LAZB	0.010	0	0	1
Least Sandpiper	<i>Calidris minutilla</i>	LESA	0.010	0	1	0
Nashville Warbler	<i>Leiothlypis ruficapilla</i>	NAWA	0.010	0	0	1
Osprey	<i>Pandion haliaetus</i>	OSPR	0.010	0	0	1
Purple Finch	<i>Haemorphus purpureus</i>	PUFI	0.010	0	1	0
Red-tailed Hawk	<i>Buteo jamaicensis</i>	RTHA	0.010	0	1	0
Savannah Sparrow	<i>Passerculus sandwichensis</i>	SAVS	0.010	1	0	0
Sora	<i>Prozana carolina</i>	SORA	0.010	1	0	0
White-faced Ibis	<i>Plegadis chihi</i>	WFIB	0.010	1	0	0