

Supplementary 1. Bird species recorded during the 2019-2020 non-breeding season in three xeroriparian systems in the southern part of the Mexican Altiplano. Nomenclature, taxonomic order, and common names in English follow Chesser et al. 2023. An asterisk following a species name indicates that in the region we have recorded it only in xeroriparian systems. PIF indicates the category by Partners in Flight (2023; CBSD: Common birds in steep decline; Yel D: Yellow watch list D) and NOM-059, that by SEMARNAT (2010) on the Mexican list of species at risk.

Resident/breeding species

Columbidae

Zenaida asiatica (White-winged Dove)

Zenaida macroura (Mourning Dove)

Trochilidae

Cynanthus latirostris (Broad-billed Hummingbird)

Accipitridae

Accipiter striatus (Sharp-shinned Hawk*; NOM-059: Under special protection)

Accipiter cooperii (Cooper's Hawk)*; possibly breeding in the region; Riojas-López and Mellink 2019. NOM-059: Under special protection)

Tytonidae

Tyto alba (Barn Owl)

Picidae

Melanerpes aurifrons (Golden-fronted Woodpecker)

Dryobates scalaris (Ladder-backed Woodpecker)

Tyrannidae

Myiarchus cinerascens (Ash-throated Flycatcher)

Pitangus sulphuratus (Great Kiskadee)*

Empidonax difficilis occidentalis (Cordilleran Flycatcher)*

Sayornis nigricans (Black Phoebe)

Sayornis saya (Say's Phoebe)

Corvidae

Aphelocoma woodhouseii (Woodhouse's Scrub-Jay)

Remizidae

Auriparus flaviceps (Verdin)

Aegithalidae

Psaltiriparus minimus (Bushtit)

Ptilogonatidae

Phainopepla nitens (Phainopepla)

Polioptilidae

Polioptila caerulea (Blue-gray Gnatcatcher)

Troglodytidae

Campylorhynchus brunneicapillus (Cactus Wren; PIF: CBSD)

Thryomanes bewickii (Bewick's Wren)

Mimidae

Melanotis caerulescens (Blue Mockingbird)

Toxostoma curvirostre (Curve-billed Thrasher)

Mimus polyglottos (Northern Mockingbird)

Fringillidae

Haemorhous mexicanus (House Finch)

Spinus psaltria (Lesser Goldfinch)

Passerellidae

Spizella passerina (Chipping Sparrow)

Spizella atrogularis (Black-chinned Sparrow; PIF: Watch list - Yel-D)

Melospiza fusca (Canyon Towhee)

Pipilo maculatus (Spotted Towhee)*

Icteridae

Icterus parisorum (Scott's Oriole)

Migratory species

Trochilidae

Archilochus alexandri (Black-chinned Hummingbird)

Selasphorus rufus/sasin (Rufous/Allen's Hummingbird; PIF: Watch list - Yel-D)

Ardeidae

Ardea herodias (Great Blue Heron)

Tyrannidae

Empidonax wrightii (Gray Flycatcher)*

Regulidae

Corthylio calendula (Rubi-crowned Kinglet)*

Troglodytidae

Troglodytes aedon (House Wren)

Turdidae

Catharus guttatus (Hermit Thrush)

Turdus migratorius (American Robin)*

Passerellidae

Chondestes grammacus (Lark Sparrow)

Pooecetes gramineus (Vesper Sparrow)

Spizella pallida (Clay-colored Sparrow)

Melospiza lincolnii (Lincoln's Sparrow)

Pipilo chlorurus (Green-tailed Towhee)*

Parulidae

Leiothlypis celata (Orange-crowned Warbler)

Setophaga coronata (Yellow-rumped Warbler)*

Setophaga townsendi (Townsend's Warbler)*

Cardellina pusilla (Wilson's Warbler; PIF: CBSD)

Cardinalidae

Piranga ludoviciana (Western Tanager)*

Species recorded during the study in xeroriparian habitats, but outside the surveys

Cuculidae

Geococcyx californianus (Greater Roadrunner)

Trochilidae

Archilochus colubris (Rubi-throated Hummingbird)

Charadiidae

Charadrius vociferus (Killdeer)

Scolopacidae

Gallinago delicata (Wilson's Snipe)

Ardeidae

Nycticorax nycticorax (Black-crowned Night-Heron)

Cathartidae

Cathartes aura (Turkey Vulture)

Strigidae

Bubo virginianus (Great Horned Owl)*

Picidae

Sphyrapicus varius (Yellow-bellied Sapsucker)*

Icteridae

Icterus cucullatus (Hooded Oriole)

Parulidae

Basileuterus rufifrons (Rufous-capped Warbler)

Cardinalidae

Cardinalis cardinalis (Northern Cardinal)*

Passerina caerulea (Blue Grosbeak)

References

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- Riojas-López, M. E. & Mellink, E. (2019). Registros relevantes de aves en el sur del Altiplano Mexicano. *Huitzil* 20(2), e-513.3
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exclusión o cambio—lista de especies en riesgo. Diario Oficial de la Federación (México), 30 December, 2010.

Supplementary 2. Abundance of bird species recorded during non-breeding season in three xeroriparian systems studied during the 2019-2020 non-breeding season in the Llanos de Ojuelos, in the southern part of the Mexican Altiplano. Species are arranged from more to less abundant.

Species	Total	Laborcilla	Santoyo	Colorada	Laborcilla			Santoyo			Colorada		
					Lower	Middle	Upper	Lower	Middle	Upper	Lower	Middle	Upper
<i>Spizella passerina</i>	149	22	46	81	2	5	15	22	22	2	31	38	12
<i>Corthylio calendula</i>	71	18	34	19	8	2	8	1	17	16	0	16	3
<i>Setophaga coronata</i>	69	12	53	4	2	2	8	0	46	7	2	2	0
<i>Zenaida asiatica</i>	64	25	15	24	3	2	20	10	4	1	9	4	11
<i>Psaltriparus minimus</i>	54	22	22	10	0	0	22	7	13	2	8	2	0
<i>Aphelocoma woodhouseii</i>	52	40	3	9	11	18	11	2	1	0	9	0	0
<i>Melozone fusca</i>	38	0	26	12	0	0	0	12	7	7	7	5	0
<i>Pipilo maculatus</i>	38	0	11	27	0	0	0	0	5	6	4	23	0
<i>Empidonax wrightii</i>	36	6	26	4	5	0	1	13	10	3	2	2	0
<i>Phainopepla nitens</i>	28	24	0	4	14	10	0	0	0	0	3	1	0
<i>Spizella pallida</i>	25	0	0	25	0	0	0	0	0	0	5	20	0
<i>Spinus psaltria</i>	25	14	4	7	0	14	0	0	4	0	0	7	0
<i>Mimus polyglottos</i>	25	1	20	4	1	0	0	1	14	5	2	2	0
<i>Melospiza lincolni</i>	23	0	7	16	0	0	0	0	7	0	2	14	0
<i>Thryomanes bewickii</i>	21	2	11	8	0	0	2	5	1	5	3	5	0
<i>Troglodytes aedon</i>	20	5	4	11	0	2	3	0	3	1	5	6	0
<i>Turdus migratorius</i>	19	0	7	12	0	0	0	0	6	1	0	12	0
<i>Sayornis nigricans</i>	16	0	12	4	0	0	0	0	7	5	0	3	1
<i>Empidonax sp.</i>	14	2	5	7	1	1	0	0	1	4	0	4	3
<i>Cardellina pusilla</i>	14	0	7	7	0	0	0	0	3	4	1	6	0
<i>Melanerpes aurifrons</i>	11	2	3	6	1	1	0	1	1	1	1	5	0
<i>Leiothlypis celata</i>	11	0	4	7	0	0	0	0	4	0	2	3	2
<i>Polioptila caerulea</i>	9	1	5	3	0	0	1	2	2	1	0	2	1
<i>Archilochus alexandri</i>	8	1	0	7	0	1	0	0	0	0	4	2	1
<i>Selasphorus rufus/sasin</i>	8	0	1	7	0	0	0	1	0	0	0	4	3
<i>Dryobates scalaris</i>	7	0	3	4	0	0	0	3	0	0	2	2	0
<i>Sayornis saya</i>	6	4	0	2	1	2	1	0	0	0	1	1	0
<i>Auriparus flaviceps</i>	6	0	4	2	0	0	0	4	0	0	0	2	0
<i>Catharus guttatus</i>	5	1	4	0	1	0	0	0	2	2	0	0	0
<i>Haemorhous mexicanus</i>	5	3	0	2	3	0	0	0	0	0	0	0	2
<i>Zenaida macroura</i>	5	0	0	5	0	0	0	0	0	0	4	1	0
<i>Poocetes gramineus</i>	5	0	0	5	0	0	0	0	0	0	0	5	0
<i>Myiarchus cinerascens</i>	4	0	2	2	0	0	0	0	1	1	1	1	0
<i>Toxostoma curvirostre</i>	4	0	3	1	0	0	0	1	1	1	0	1	0
<i>Accipiter striatus</i>	4	2	1	1	0	1	1	0	0	1	1	0	0
<i>Cynanthus latirostris</i>	3	0	1	2	0	0	0	0	0	1	0	2	0
<i>Icterus parisorum</i>	3	0	0	3	0	0	0	0	0	0	1	0	2
<i>Setophaga townsendi</i>	3	3	0	0	1	1	1	0	0	0	0	0	0
<i>Zenaida sp.</i>	3	0	2	1	0	0	0	1	1	0	0	0	1
<i>Spizella atrogularis</i>	2	0	0	2	0	0	0	0	0	0	2	0	0
<i>Chondestes grammacus</i>	2	0	2	0	0	0	0	0	2	0	0	0	0
<i>Accipiter sp.</i>	2	0	1	1	0	0	0	0	1	0	0	1	0
Undetermined hummingbird	2	1	0	1	0	1	0	0	0	0	0	0	1
<i>Piranga ludoviciana</i>	2	2	0	0	0	2	0	0	0	0	0	0	0
<i>Tyto alba</i>	1	0	1	0	0	0	0	0	1	0	0	0	0
<i>Melanotis caerulescens</i>	1	0	0	1	0	0	0	0	0	0	0	1	0

Species	Total	Laborcilla	Santoyo	Colorada	Laborcilla			Santoyo			Colorada		
					Lower	Middle	Upper	Lower	Middle	Upper	Lower	Middle	Upper
<i>Campylorhynchus brunneicapillus</i>	1	0	1	0	0	0	0	1	0	0	0	0	0
<i>Accipiter cooperii</i>	1	0	0	1	0	0	0	0	0	0	0	1	0
<i>Empidonax difficilis occidentalis</i>	1	0	1	0	0	0	0	0	1	0	0	0	0
<i>Ardea herodias</i>	1	0	0	1	0	0	0	0	0	0	0	1	0
<i>Pitangus sulphuratus</i>	1	0	0	1	0	0	0	0	0	0	0	1	0
<i>Pipilo chlorurus</i>	1	0	0	1	0	0	0	0	0	0	0	1	0
<i>Icterus</i> sp.	1	0	0	1	0	0	0	0	0	0	0	1	0
Undetermined sparrow	1	0	0	1	0	0	0	0	0	0	0	0	1
Undetermined wood warbler	1	0	1	0	0	0	0	0	0	1	0	0	0

Supplementary 3. Effects of locality and survey month on the birds during the 2019-2020 non-breeding season in three xeroriparian systems in the Llanos de Ojuelos, southern part of the Mexican Altiplano. Decimals are not indicated in values >100. Only data corresponding to those cases in which a variable was part of the best or most parsimonious model, under an information-theoretic approach, in addition to the values of intercepts, are indicated. Reference variables are La Colorada for locality, and September for survey.

Response variable	Variable	Estimate	Std. error	z value	Pr(> z)
Overall abundance	(Intercept)	2.30	0.19	12.08	<0.01
	October	0.04	0.14	0.28	0.78
	November	0.07	0.14	0.48	0.63
	December	0.23	0.13	1.71	0.09
	January	0.34	0.13	2.61	<0.01
	February	0.47	0.13	3.72	<0.01
	March	0.57	0.13	4.64	<0.01
Resident species					
Abundance of all resident species	(Intercept)	2.14	0.18	12.78	<0.01
	October	-0.16	0.17	-0.95	0.34
	November	-0.20	0.17	-1.19	0.23
	December	0.15	0.16	0.93	0.35
	January	-0.16	0.17	-0.95	0.34
	February	0.17	0.16	1.06	0.29
	March	0.44	0.15	2.88	<0.01
<i>Sayornis nigricans</i>	(Intercept)	-1.86	0.74	-2.65	<0.01
	Laborcilla	-18.03	836	-0.2	0.98
	Santoyo	1.09	0.83	1.31	0.19
<i>Aphelocoma woodhouseii</i>	(Intercept)	-1.39	0.80	-1.73	0.08
	La Laborcilla	1.92	0.84	2.27	0.02
	Santoyo	-0.82	0.96	-0.85	0.39
	October	-0.34	0.58	-0.57	0.56
	November	0.36	0.49	0.72	0.47
	December	0.89	0.44	1.97	0.04
	January	-0.15	0.56	-0.28	0.78
	February	-0.15	0.56	-0.28	0.78
	March	-1.95	0.56	-1.82	0.07
<i>Psaltriparus minimus</i>	(Intercept)	-19.95	166.12	-0.12	0.91
	October	19.03	166.12	0.11	0.91
	November	17.16	166.12	0.10	0.92
	December	18.87	166.12	0.11	0.91
	January	18.42	166.12	0.11	0.91
	February	18.08	166.12	0.11	0.91
	March	19.24	166.12	0.12	0.91
<i>Phainopepla nitens</i>	(Intercept)	-1.16	1.25	-0.93	0.35
	October	-2.94	1.03	-2.87	<0.01
	November	-1.85	0.62	-2.97	<0.01
	December	-2.94	1.03	-2.87	<0.01
	January	-1.85	0.62	-2.97	<0.01
	February	-2.94	1.03	-2.87	<0.01
	March	-27.81	1024	-0.03	0.98
<i>Spinus psaltria</i>	(Intercept)	-4.44	1.81	-2.45	0.01
	October	0.69	0.55	1.25	0.21
	November	0.18	0.61	0.30	0.77
	December	-92.50	2.24e+7	0	1
	January	-1.61	1.11	-1.45	0.15
	February	-0.51	0.74	-0.69	0.49
	March	144	2.24e+7	0	1
<i>Spizella passerina</i>	(Intercept)	-0.59	0.49	-1.21	0.23
	October	0.76	0.45	1.68	0.09
	November	0.25	0.50	0.50	0.61
	December	1.14	0.43	2.67	0.01

Response variable	Variable	Estimate	Std. error	z value	Pr(> z)
	January	0.54	0.47	1.15	0.25
	February	1.69	0.41	4.16	3.15e-5
	March	1.88	0.40	4.70	2.65e-6
<i>Melozone fusca</i>	(Intercept)	-0.58	0.32	-1.82	0.07
	La Laborcilla	-20.13	341	-0.06	0.95
	Santoyo	0.78	0.38	2.05	0.04
Migratory species					
All migrant species	(Intercept)	0.71	0.34	2.11	0.03
	October	0.23	0.26	0.91	0.36
	November	0.38	0.25	1.50	0.13
	December	0.24	0.26	0.91	0.36
	January	0.98	0.24	4.27	<0.01
	February	0.92	0.23	3.97	<0.01
	March	0.85	0.23	3.66	<0.01
Granivorous species	(Intercept)	-4.99	1.53	-3.26	<0.01
	October	5.13e-06	1.42	0	1
	November	-26.09	4.65e+5	0	1
	December	1.38	1.04	1.23	0.22
	January	2.56	1.04	2.46	0.01
	February	2.56	1.03	2.46	0.01
	March	3.18		3.09	<0.01
Insectivorous species	(Intercept)	0.40	0.36	1.10	0.27
	October	0.19	0.31	0.21	0.53
	November	0.55	0.29	1.93	0.05
	December	0.39	0.29	1.31	0.19
	January	1.03	0.26	3.87	<0.01
	February	0.99	0.27	3.70	<0.01
	March	0.64	0.28	2.27	0.02
<i>Corthylio calendula</i>	(Intercept)	-18.43	161.91	-0.11	0.91
	October	17.19	161.91	0.11	0.91
	November	18.64	161.91	0.11	0.91
	December	18.00	161.91	0.11	0.91
	January	18.75	161.91	0.12	0.91
	February	18.20	161.91	0.11	0.91
	March	18.20	161.91	0.11	0.91
<i>Turdus migratorius</i>	(Intercept)	-29.05	1.53e+5	0	1
	October	-50.94	2.24e+7	0	1
	November	-13.55	2.24e+7	0	1
	December	1.15	1.76e+5	0	1
	January	25.22	1.53e+5	0	1
	February	26.03	1.53e+5	0	1
	March	25.63	1.53e+5	0	1
<i>Spizella pallida</i>	(Intercept)	-26.43	4916	<-0.01	1
	October	-213	2.24e+7	<0.01	1
	November	-3.22	2.50e+4	<0.01	1
	December	-0.90	2.24e+7	<0.01	1
	January	18.78	4916	<0.01	1
	February	18.93	4916	<0.01	1
	March	19.47	4916	<0.01	1
<i>Melospiza lincolnii</i>	(Intercept)	-26.68	3.84e+4	<-0.01	1
	October	-5.62	6.41e+5	<0.01	1
	November	-72.67	2.24e+7	<0.01	1
	December	22.18	3.84e+4	<0.01	1
	January	22.18	3.84e+4	<0.01	1
	February	22.87	3.84e+4	<0.01	1
	March	23.48	3.84e+4	<0.01	1
<i>Leiothlypis celata</i>	(Intercept)	-22.09	2.88e+4	<-0.01	1

Response variable	Variable	Estimate	Std. error	z value	Pr(> z)
	La Laborcilla	-20.79	1.25e+4	<-0.01	1
	R. Santoyo	-0.56	0.66	-0.85	0.34
	October	2.36	3.02e+4	<0.01	1
	November	21.21	2.89e+4	<0.01	1
	December	20.52	2.89e+4	<0.01	1
	January	21.62	2.89e+4	<0.01	1
	February	22.13	2.89e+4	<0.01	1
	March	-6.77	8.52e+5	<0.01	1
<i>Setophaga coronata</i>	(Intercept)	-21.83	356	-0.06	0.95
	October	1.03	1039	0.00	0.99
	November	20.62	356	0.58	0.95
	December	20.73	356	0.58	0.95
	January	21.48	356	0.60	0.95
	February	21.48	356	0.60	0.95
	March	21.18	356	0.59	0.95

Supplementary 4. Vegetation attributes of three sections within three xeroriparian sites in the Llanos de Ojuelos, southern part of the Mexican Altiplano, 2019-2020. Values are estimate $\pm$ standard error, except on maximum and minimum heights. Results of ANOVA + Tukey post hoc tests. Values of any variable within a system with different literal were significantly different ($p \leq 0.05$). Superscript “ns” indicates that the means were not significantly different. Min: minimum; max: maximum.

Site/section	Herb density	Visual obstruction (%)				Height of shrubs (m)			Height of trees (m)			Canopy cover (%)
	(Score 1-4)	0-25 cm	25-50 cm	50-75 cm	75-100 cm	Max	Min	Mean	Max	Min	Mean	
La Laborcilla												
Upper	1.60 ±	15.07 ±	4.50 ±	0.62 ±	0.30 ±	2.80	0.30	0.64 ±	8.21	0.40	3.68 ±	34.88 ±
	0.27 ^a	4.91 ^{ns}	2.70 ^{ab}	0.42 ^{ns}	0.26 ^{ab}			0.41 ^{ns}			1.85 ^a	3.01 ^b
Middle	1.70 ±	10.25 ±	2.12 ±	0.40 ±	0.08 ±	2.20	0.30	0.62 ±	8.16	0.80	3.24 ±	51.68 ±
	0.39 ^a	3.23 ^{ns}	1.39 ^b	0.45 ^{ns}	0.12 ^b			0.41 ^{ns}			1.53 ^b	3.89 ^a
Lower	1.29 ±	10.68 ±	6.05 ±	1.65 ±	0.82 ±	2.90	0.10	0.63 ±	8.74	1.00	3.83 ±	34.64 ±
	0.34 ^b	3.08 ^{ns}	1.99 ^a	1.51 ^{ns}	0.76 ^a			0.39 ^{ns}			1.34 ^a	3.57 ^b
Rancho Santoyo												
Upper	2.37 ±	12.14 ±	3.48 ±	0.65 ±	0.42 ±	4.00	0.40	1.66 ±	16.35	0.80	5.38 ±	61.33 ±
	0.52 ^b	13.31 ^{ns}	5.68 ^{ns}	1.40 ^{ns}	0.80 ^{ns}			0.58 ^a			3.40 ^a	4.54 ^a
Middle	3.10 ±	13.99 ±	2.63 ±	0.21 ±	0.18 ±	3.75	0.30	1.58 ±	17.13	1.80	5.42 ±	23.29 ±
	0.67 ^a	18.29 ^{ns}	4.18 ^{ns}	0.57 ^{ns}	0.47 ^{ns}			0.73 ^a			3.21 ^a	2.67 ^c
Lower	2.10 ±	14.67 ±	2.99 ±	1.69 ±	1.90 ±	2.88	0.22	0.99 ±	10.48	1.00	3.56 ±	33.89 ±
	0.46 ^b	20.42 ^{ns}	5.00 ^{ns}	3.92 ^{ns}	3.78 ^{ns}			0.63 ^b			1.59 ^b	4.07 ^b
La Colorada												
Upper	1.76 ±	33.88 ±	21.55 ±	7.24 ±	1.60 ±	2.20	0.15	0.77 ±	6.53	1.00	4.17 ±	86.21 ±
	0.42 ^c	6.48 ^{ns}	6.92 ^a	3.7 ^{ns}	1.91 ^{ns}			0.51 ^c			1.07 ^b	5.54 ^a
Middle	2.74 ±	41.04 ±	18.43 ±	8.89 ±	2.76 ±	4.00	0.30	1.79 ±	14.92	1.00	5.29 ±	21.87 ±
	0.78 ^b	22.68 ^{ns}	12.29 ^{ab}	7.15 ^{ns}	3.54 ^{ns}			0.74 ^a			3.10 ^a	1.94 ^c
Lower	3.60 ±	33.04 ±	8.14 ±	3.07 ±	0.42 ±	3.22	0.20	1.08 ±	9.64	0.60	4.16 ±	28.35 ±
	0.48 ^a	19.20 ^{ns}	8.77 ^b	6.86 ^{ns}	1.07 ^{ns}			0.61 ^b			1.58 ^b	3.10 ^b

Supplementary 5. Effects of habitat attributes on the birds during the 2019-2020 non-breeding season in three study sections in each of three xeroriparian systems in the Llanos de Ojuelos, southern Mexican Altiplano. Values are estimate $\pm$ standard error. The only data indicated are that of variables included in the best or more parsimonious model, under an information-theoretic approach. Blank cells are of variables not in such models. Variables with correlation coefficients >0.85 were merged before the analysis. Min: minimum; max: maximum.

Bird response variable	(Intercept)	Herb density (1-4)	Visual obstruction (%)			Min. height of shrubs (m)	Min. height of trees (m)	Mean/max. height of shrubs /trees (m)	Canopy cover (%)
			0-0.25 cm	25-75 cm	75-100 cm				
Richness	1.12 $\pm$ 0.33							0.23 $\pm$ 0.05	-0.01 $\pm$ 0.00
Overall abundance	4.35 $\pm$ 0.46	-0.36 $\pm$ 0.11		-0.06 $\pm$ 0.01	0.10 $\pm$ 0.03				-0.02 $\pm$ 0.03
Abundance of all resident spp.	4.23 $\pm$ 0.48	-0.46 $\pm$ 0.15		-0.02 $\pm$ 0.01					-0.02 $\pm$ 0.01
Abundance of all migrants	-0.86 $\pm$ 0.74			-0.10 $\pm$ 0.02	0.18 $\pm$ 0.05			0.50 $\pm$ 0.14	
Abundance of migrant insectivorous birds	-0.23 $\pm$ 0.38		-0.01 $\pm$ 0.00					0.49 $\pm$ 0.05	-0.02 $\pm$ 0.00
Abundance of migrant granivorous birds	1.28 $\pm$ 3.41			-0.32 $\pm$ 0.07	0.56 $\pm$ 0.20				-0.13 $\pm$ 0.07
Resident species									
<i>Zenaida asiatica</i>	-0.23 $\pm$ 0-29								
<i>Melanerpes aurifrons</i>	0.08 $\pm$ 1.01								-0.05 $\pm$ 0.03
<i>Sayornis nigricans</i>	-8.40 $\pm$ 2.31							1.18 $\pm$ 0.35	
<i>Aphelocoma woodhouseii</i>	4.68 $\pm$ 1.23			-0.17 $\pm$ 0.06				-1.02 $\pm$ 0.28	
<i>Psaltiriparus minimus</i>	7.17 $\pm$ 2.33	-1.74 $\pm$ 0.72	0.05 $\pm$ 0.02	-0.27 $\pm$ 0.11					-0.11 $\pm$ 0.04
<i>Phainopepla nitens</i>	-2.72 $\pm$ 1.25								
<i>Thryomanes bewickii</i>	-1.36 $\pm$ 0.41								
<i>Mimus polyglottos</i>	-6.52 $\pm$ 1.52							0.95 $\pm$ 0.24	
<i>Spinus psaltria</i>	-14.33 $\pm$ 3.57			0.27 $\pm$ 0.06		58.98 $\pm$ 13.47	7.83 $\pm$ 1.91	-2.65 $\pm$ 0.59	
<i>Spizella passerina</i>	5.41 $\pm$ 1.23	-1.08 $\pm$ 0.29		-0.04 $\pm$ 0.02					-0.06 $\pm$ 0.02
<i>Melospiza fusca</i>	-5.83 $\pm$ 2.73							0.88 $\pm$ 0.47	
<i>Pipilo maculatus</i>	-5.01 $\pm$ 1.52						-2.85 $\pm$ 0.68	1.61 $\pm$ 0.29	-0.06 $\pm$ 0.01
Migratory species									
<i>Empidonax wrightii</i>	-2.64 $\pm$ 0.96						1.72 $\pm$ 0.87		
<i>Corthylio calendula</i>	-2.09 $\pm$ 0.57	-0.68 $\pm$ 0.26						0.69 $\pm$ 0.13	
<i>Troglodites aedon</i>	-3.28 $\pm$ 0.85	0.84 $\pm$ 0.28							
<i>Turdus migratorius</i>	-283 $\pm$ 102			-0.41 $\pm$ 0.15			-34.51 $\pm$ 11.90	52.18 $\pm$ 18.59	-0.85 $\pm$ 0.28
<i>Spizella pallida</i>	8.20 $\pm$ 7.34			-0.70 $\pm$ 0.19	1.19 $\pm$ 0.49		-14.29 $\pm$ 13.08	3.29 $\pm$ 2.66	-0.53 $\pm$ 0.22
<i>Melospiza lincolnii</i>	1.33 $\pm$ 5.13			-0.25 $\pm$ 0.07			-3.72 $\pm$ 0.84	1.73 $\pm$ 0.53	-0.29 $\pm$ 0.13
<i>Leiothlypis celata</i>	-4.00 $\pm$ 1.15	0.88 $\pm$ 0.38							
<i>Setophaga coronata</i>	0.41 $\pm$ 0.53		-0.10 $\pm$ 0.02						
<i>Cardellina pusilla</i>	-7.84 $\pm$ 2.18							1.08 $\pm$ 0.33	