	Species	01	02	03	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	frequency
1	Blackbird, Brewer's	X	X	х	X	X	х	X	X	X	X	х	X	X	X	х	X	X	х	Х	Х	X	X	Х	х	X	X	X	1
2	Blackbird, Red-winged	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1
3	Blackbird, Yellow-headed		X																										0.04
4	Bunting, Lazuli	X	X	X			X	x	X						X	x	X	X		X	X								0.44
5	Chickadee, Black-capped	X		X	X	X	X	X			\mathbf{x}		X			x		X	x		X	X		X					0.52
6	Chickadee, Mountain				X			x	X									X							x				0.19
7	Cowbird, Brown-headed	X	X	X	X	X	X	X	X	X	\mathbf{x}	x	X	X	X	X	X	X	x	X	X	X	X	X	X	X	X	X	1
8	Crow, American	X	X		X	X	X		X	X	x	\mathbf{x}	X	X	X	x	X	X	x	X	X	X	X	X	x	x	X	X	0.93
9	Dove, Collared	X	X	X	X	X	X	x	X	X	x	\mathbf{x}	X	X	X	X	X	X	x	X	X	X	X	X	X	X	X	X	1
10	Dove, Mourning	X	X	X	X	X	X	x	X	X	x	x	X	X	X	X	X	X	x	X	X	X	X	X	X	X	X	X	1
11	Finch, House	X	\mathbf{X}	X	\mathbf{x}	\mathbf{x}	\mathbf{X}	\mathbf{x}	\mathbf{x}	\mathbf{x}	X	\mathbf{X}	\mathbf{x}	\mathbf{x}	\mathbf{x}	X	\mathbf{X}	\mathbf{x}	\mathbf{x}	\mathbf{x}	\mathbf{x}	X	1						
12	Flicker, Northern	X	\mathbf{X}	\mathbf{x}		\mathbf{X}	\mathbf{X}	\mathbf{x}	\mathbf{X}	X	\mathbf{x}	\mathbf{x}		\mathbf{x}	X		\mathbf{X}	\mathbf{x}	\mathbf{x}	\mathbf{x}	\mathbf{x}		\mathbf{X}					X	0.7
13	Goldfinch, American								X						X							X							0.11
14	Goldfinch, Lesser	X	X		X	X	X	x	X			X		X	X	X				X	X					x	X	X	0.59
15	Goose, Canada*											X													X				0.07
16	Grackle, Common	X	X	X	X	X	X		X		X		X	X	X	X	X			X	X	X	X		X		X	X	0.74
17	Grosbeak, Black-headed				X	X	X	x	X	X	X		X		X	X	X	X	X	X	X	X	X				X		0.67
18	gull sp.*		X						X																				0.07
19	Harrier, Northern	X																											0.04
20	Hawk, Coopers			x			X	x							X				x	X									0.22
21	Hawk, Red-tailed*								X																				0.04
22	Heron, Great Blue*				x	X	X		X		x				X			x	x	x	x								0.37
23	Hummingbird, Broad-tailed	X	X	x	x		X	x					X		X		X				x	X	X		x	x			0.52
24	Jay, Blue	x	X	x	x	X	X	x	X	X	X	\mathbf{x}	X	X	X	x	X	X	x	x	x	X	X	x	x	x	X	X	1
25	Jay, Scrub	x		x		X					X	\mathbf{x}	X	X	X				x		x	X	X	x		x	X		0.56
26	Junco, Dark-eyed	x																											0.04
27	Magpie, Black-billed																				x								0.04
28	Mallard*													X															0.04
29	Oriole, Bullock's																				x								0.04
30	Owl, Great Horned				x																								0.04
31	Pewee, Western-Wood-																			x			X						0.07
32	Pigeon, Rock		X				X					\mathbf{x}		x	X	x	X	x	x		x	X	X	x		x	x		0.56
33	Robin, American	x	x	X	x	X	X	X	X	X	X	X	x	X	x	x	X	X	x	x	x	X	X	x	x	x	X	x	1
34	Sparrow, Chipping	x	x	X				X	X						x	X				x									0.3
35	Sparrow, House		X	x		x	x	x	x		X		X		X		X	X			x	X	X						0.52
36	Sparrow, White-crowned	x	x	x	x	X	x	x	x	X	X				x	x	X												0.48
37	Starling, European			x										x							x			x			X		0.19
38	Swallow, Barn*									X					X		X	X		x		X						X	0.26
39	Swallow, Tree*												X						x	x								x	0.15
40	Tanager, Western														x		X	X	X	x	X	X							0.26
41	Towhee, Spotted	x	x		x	X	x	x	x	X	X	x	X	x	x	x	X	x	x	x	x	X	X	x	x	x	x	X	0.96
42	Woodpecker, Downy																						X						0.04
43	Wren, House						x	x	x		x				x			x		x	x						X	X	0.37
44	Number of Species	21	21	19	19	19	23	21	24	14	19	15	17	17	27	18	20	21	19	23	26	20	19	14	14	14	17	16	19.15

Table 1: May 2017 - Backyard

	Species	2017-04-13	2017-04-24	2017-05-29	frequency
1	American Crow	X			0.33
2	American Robin		X	X	0.67
3	Blue Jay		X	X	0.67
4	Brewer's Blackbird			X	0.33
5	Canada Goose	X	X	X	1
6	Cinnamon Teal			X	0.33
7	Eurasian Collared-Dove		X		0.33
8	Great Blue Heron			X	0.33
9	gull sp.		X	X	0.67
10	House Finch			X	0.33
11	House Sparrow			X	0.33
12	Mallard	X	X	X	1
13	Mourning Dove		X		0.33
14	Northern Flicker	X	X	X	1
15	Red-tailed Hawk	X	X	X	1
16	Red-winged Blackbird	x	X	X	1
17	Rock Pigeon (Feral Pigeon)		X		0.33
18	Western Wood-Pewee			X	0.33
19	Number of Species	6	11	14	10.33

Table 2: Golf Course

Common Name 1 Blackbird, Brewer's 2 Blackbird, Red-winged 3 Blackbird, Yellow-headed 4 Bunting, Lazuli 5 Bushtit 6 Chickadee, Black-capped 7 Chickadee, Mountain 8 Cowbird, Brown-headed 9 Crow, American 10 Dove, Collared 11 Dove, Mourning 12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhele, Spottled 46 Warbler, Yellow-rumped 47 Woodpecker, Downy 48 Wren, House		
Blackbird, Red-winged Blackbird, Yellow-headed Bunting, Lazuli Bushtit Chickadee, Black-capped Chickadee, Mountain Cowbird, Brown-headed Crow, American Dove, Collared Dove, Mourning Evening Grosbeak Finch, House Flicker, Northern Goldfinch, American Goldfinch, Lesser Goose, Canada* Grackle, Common Grosbeak, Black-headed gull sp.* Harrier, Northern Harrier, Northern Harrier, Northern Jawk, Coopers Hawk, Red-tailed* Heron, Great Blue* Hummingbird, Broad-tailed Jay, Blue Jay, Scrub Junco, Dark-eyed Kestrel, American Magpie, Black-billed Mallard* Nuthatch, White-breasted Magpie, Black-billed Mallard* Nuthatch, White-breasted Croile, Bullock's Western-Wood-Rigeon, Rock Robin, American Sparrow, Chipping Sparrow, House Chipping Sparrow, White-crowned Starling, European Swallow, Barn* Swallow, Tree* Towhee, Spotted Warbler, Yellow-rumped Woodpecker, Downy		
3 Blackbird, Yellow-headed 4 Bunting, Lazuli 5 Bushtit 6 Chickadee, Black-capped 7 Chickadee, Mountain 8 Cowbird, Brown-headed 9 Crow, American 10 Dove, Collared 11 Dove, Mourning 12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Blackbird, Brewer's
3 Blackbird, Yellow-headed 4 Bunting, Lazuli 5 Bushtit 6 Chickadee, Black-capped 7 Chickadee, Mountain 8 Cowbird, Brown-headed 9 Crow, American 10 Dove, Collared 11 Dove, Mourning 12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	2	Blackbird, Red-winged
5 Bushtit 6 Chickadee, Black-capped 7 Chickadee, Mountain 8 Cowbird, Brown-headed 9 Crow, American 10 Dove, Collared 11 Dove, Mourning 12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	3	Blackbird, Yellow-headed
Chickadee, Black-capped Chickadee, Mountain Cowbird, Brown-headed Crow, American Dove, Collared Cowe, Mourning Evening Grosbeak Finch, House Flicker, Northern Goldfinch, American Goldfinch, Lesser Goose, Canada* Grackle, Common Grosbeak, Black-headed gull sp.* Harrier, Northern Hawk, Coopers Hawk, Red-tailed* Heron, Great Blue* Hummingbird, Broad-tailed Jay, Blue Jay, Scrub Junco, Dark-eyed Kestrel, American Magpie, Black-billed Mallard* Nuthatch, White-breasted Moyl, Great Horned Fewee, Western-Wood- Figeon, Rock Robin, American Sparrow, Chipping Sparrow, House Gyard Warbler, Yellow-rumped Towhee, Spotted Warbler, Yellow-rumped Woodpecker, Downy	4	Bunting, Lazuli
Chickadee, Mountain Cowbird, Brown-headed Crow, American Dove, Collared Cowbird, Brown-headed Crow, American Dove, Mourning Evening Grosbeak Finch, House Flicker, Northern Goldfinch, American Goldfinch, Lesser Goose, Canada* Grackle, Common Grosbeak, Black-headed Gull sp.* Harrier, Northern Harrier, Northern Hawk, Coopers Hawk, Red-tailed* Heron, Great Blue* Hummingbird, Broad-tailed Jay, Blue Jay, Scrub Junco, Dark-eyed Kestrel, American Magpie, Black-billed Mallard* Nuthatch, White-breasted Mallard* Nuthatch, White-breasted Coriole, Bullock's Western-Wood-Rigeon, Rock Robin, American Sparrow, Chipping Sparrow, House Gowl, Great Horned Sparrow, White-crowned Sparrow, White-crowned Sparrow, White-crowned Sparrow, White-crowned Tanager, Western Swallow, Barn* Swallow, Tree* Towhee, Spotted Warbler, Yellow-rumped Woodpecker, Downy	5	Bushtit
Chickadee, Mountain Cowbird, Brown-headed Crow, American Dove, Collared Cowbird, Brown-headed Crow, American Dove, Mourning Evening Grosbeak Finch, House Flicker, Northern Goldfinch, American Goldfinch, Lesser Goose, Canada* Grackle, Common Grosbeak, Black-headed Gull sp.* Harrier, Northern Harrier, Northern Hawk, Coopers Hawk, Red-tailed* Heron, Great Blue* Hummingbird, Broad-tailed Jay, Blue Jay, Scrub Junco, Dark-eyed Kestrel, American Magpie, Black-billed Mallard* Nuthatch, White-breasted Mallard* Nuthatch, White-breasted Coriole, Bullock's Western-Wood-Rigeon, Rock Robin, American Sparrow, Chipping Sparrow, House Gowl, Great Horned Sparrow, White-crowned Sparrow, White-crowned Sparrow, White-crowned Sparrow, White-crowned Tanager, Western Swallow, Barn* Swallow, Tree* Towhee, Spotted Warbler, Yellow-rumped Woodpecker, Downy	6	Chickadee, Black-capped
9 Crow, American 10 Dove, Collared 11 Dove, Mourning 12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	7	Chickadee, Mountain
10 Dove, Collared 11 Dove, Mourning 12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	8	
11 Dove, Mourning 12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	9	
12 Evening Grosbeak 13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	10	Dove, Collared
13 Finch, House 14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		,
14 Flicker, Northern 15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	12	Evening Grosbeak
15 Goldfinch, American 16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	13	
16 Goldfinch, Lesser 17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	14	
17 Goose, Canada* 18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	15	Goldfinch, American
18 Grackle, Common 19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	16	
19 Grosbeak, Black-headed 20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	17	
20 gull sp.* 21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	18	Grackle, Common
21 Harrier, Northern 22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy	19	Grosbeak, Black-headed
22 Hawk, Coopers 23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
23 Hawk, Red-tailed* 24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Harrier, Northern
24 Heron, Great Blue* 25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Hawk, Coopers
25 Hummingbird, Broad-tailed 26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Hawk, Red-tailed*
26 Jay, Blue 27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
27 Jay, Scrub 28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
28 Junco, Dark-eyed 29 Kestrel, American 30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
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30 Magpie, Black-billed 31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
31 Mallard* 32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
32 Nuthatch, White-breasted 33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Magpie, Black-billed
33 Oriole, Bullock's 34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Mallard*
34 Owl, Great Horned 35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Nuthatch, White-breasted
35 Pewee, Western-Wood- 36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Oriole, Bullock's
36 Pigeon, Rock 37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
37 Robin, American 38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
38 Sparrow, Chipping 39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
39 Sparrow, House 40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		
40 Sparrow, White-crowned 41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Sparrow, Chipping
41 Starling, European 42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Sparrow, House
42 Swallow, Barn* 43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Sparrow, White-crowned
43 Swallow, Tree* 44 Tanager, Western 45 Towhee, Spotted 46 Warbler, Yellow-rumped 47 Woodpecker, Downy		Starling, European
Towhee, SpottedWarbler, Yellow-rumpedWoodpecker, Downy		Swallow, Barn*
Towhee, SpottedWarbler, Yellow-rumpedWoodpecker, Downy		Swallow, Tree*
46 Warbler, Yellow-rumped47 Woodpecker, Downy		Tanager, Western
47 Woodpecker, Downy		Townee, Spotted
		warbier, Yellow-rumped
40 wren, nouse		
	48	wren, House

Table 3: Backyard Lifelist

	Locations
1	Backyard
2	Barr Lake State Park
3	Cattails Golf Course
4	Delta Ponds
5	DoubleTree Hotel Pond
6	Fossil Creek Reservoir and Regional Open Space
7	Fountain Creek Regional Park
8	Fountain Creek–S. Circle Dr. to S. Academy Blvd.
9	Fremont
10	John Martin Reservoir
11	Lathrop State Park
12	Memorial Park and Prospect Lake
13	Oregon
14	Quail Lake Park
15	Valley Hi Golf Course

Table 4: Great Blue Heron Locations