

Table 7A-8. Relative abundance (birds/survey) at KBO point count stations within the Klamath River watershed but outside of the Klamath Project study area, 1998-2002.

Species	Landsat Vegetation Type										Total
	Unclassified	Grassland	Mixed Conifer	Pine	Hardwood	Juniper	Mixed Oak Woodland	Dead Shrub	Shrubland	Soft Shrub	
Acorn woodpecker	0.85		0.13	0.28				0.85	0.14		0.48
American kestrel								0.06	0.01		0.02
American robin	0.12			0.62	1.00			0.68	0.52		0.49
Anna's hummingbird								0.01			0.00
Ash-throated flycatcher	0.05			0.01							0.01
Yellow-rumped warbler	0.28			0.69	0.50			0.11	1.18		0.56
Black-capped chickadee	0.03										0.01
Black-chinned hummingbird				0.01				0.01			0.01
Bewick's wren	0.30			0.03	0.17			0.25	0.07		0.15
Blue grouse	0.07										0.01
Brown-headed cowbird	0.05	2.00		0.28		1.00		0.17	0.31	1.00	0.21
Black-headed grosbeak	1.42		1.00	0.42	0.67	1.00		0.44	0.35	2.00	0.43
Blue-gray gnatcatcher				0.01							0.00
Brewer's blackbird				0.01				0.06			0.02
Brown creeper	0.02		0.38	0.05				0.01	0.13		0.06
Band-tailed pigeon								0.01			0.00
Black-throated gray warbler			1.00	0.07	0.50	1.00		0.25	0.09	1.00	0.14
Bullock's oriole	0.10			0.03					0.05		0.04
Bush tit	0.13		0.13	0.11	0.50			0.17	0.20		0.16
Cassin's finch	0.02		0.25	0.10					0.05		0.05
Canada goose	0.07										0.01
California gull								0.16			0.04
Calliope hummingbird				0.01							0.00
California towhee				0.04				0.11	0.03		0.04
California quail				0.01				0.01			0.01
Cassin's vireo	0.15		0.38	0.42		1.00		0.07	0.53	1.00	0.30
Chestnut-backed chickadee	0.02										0.00
Cedar waxwing	0.02		1.88	0.20							0.10
Chipping sparrow	0.35		1.63	0.85	0.33	2.00	2.00	0.62	0.49		0.61
Clark's nutcracker									0.01		0.00
Cliff swallow	0.02										0.00
Common nighthawk				0.01				0.09	0.14		0.06
Common raven	0.03		0.13	0.01				0.03	0.07		0.04
Common yellowthroat								0.01			0.00
Downy woodpecker	0.05				0.17			0.03			0.02
Dusky flycatcher	0.05		0.13	0.10					0.18		0.08
European starling	0.05							0.09			0.03
Evening grosbeak	0.18										0.04
Fox sparrow									0.08		0.02
Great-blue heron								0.01			0.00
Golden-crowned kinglet	0.03			0.04					0.04		0.03
Gray flycatcher	0.02								0.01		0.01
Green-tailed towhee	1.00			0.10					0.10		0.05
Hammond's flycatcher	0.07			0.01				0.03	0.01		0.03
Hairy woodpecker				0.15	0.33			0.04	0.05		0.07
Hermit thrush				0.31				0.01	0.43		0.19
Hermit warbler	0.07								0.10		0.04
House finch	2.00			0.12				0.06	0.03		0.06
House wren	0.10	1.00	0.13	0.07	0.17			0.23	0.09	1.00	0.13
Hutton's vireo				0.01							0.00
Lark sparrow	0.02			0.05				0.16			0.05
Lazuli bunting	0.63	4.00	1.88	0.28	0.67		4.00	0.52	0.17	1.00	0.46
Lesser goldfinch	0.28	3.00	0.88	0.49	1.83	3.00	1.00	0.83	0.14		0.49
Lewis' woodpecker			0.01								0.00
Mallard	0.03										0.01
MacGillivray's warbler	1.17		0.50	0.08				0.03	0.08		0.10
Mountain bluebird									0.03		0.01
Mountain chickadee	0.03			0.37				0.03	0.82		0.31
Mourning dove	0.28	1.00	0.75	0.24	0.17			0.39	0.09		0.26
Mountain quail	0.10	1.00	1.00	0.19	0.33		1.00	0.17	0.23		0.21
Nashville warbler	0.40		0.13	0.15	0.17			0.28	0.30		0.27
Northern pygmy owl	0.02			0.01				0.01			0.01
Oak titmouse	0.22			0.03	0.17	1.00		0.32	0.01		0.14
Orange-crowned warbler	0.07							0.01	0.01		0.02
Oregon junco			0.50	0.70	1.00		3.00	0.23	1.14		0.56
Olive-sided flycatcher	1.05			0.01				0.01	0.04		0.03
Osprey				0.01					0.01		0.01
Pine siskin	0.02		0.50		0.17				0.03		0.03
Pileated woodpecker	0.05			0.01				0.06	0.09		0.05
Pacific slope flycatcher				0.01					0.01	1.00	0.01
Purple finch	0.18		0.25	0.42	0.33		1.00	0.17	0.27		0.27
Rose-breasted grosbeak				0.01							0.00
Red-breasted nuthatch	0.02		0.38	0.35				0.03	0.44		0.22
Red-breasted sapsucker				0.01				0.01	0.09		0.03
Ruby-crowned kinglet			0.13								0.00
Red crossbill				0.08				0.03	0.48		0.15
Red-naped sapsucker									0.03		0.01
Red-shafted flicker	0.22	1.00	0.13	0.41	0.17			0.56	0.17		0.33
Red-shouldered hawk			0.13								0.00
Red-tailed hawk				0.01					0.03		0.01
Savannah sparrow									0.01		0.00
Song sparrow				0.04				0.01			0.01
Spotted towhee	2.72	1.00	0.88	0.65	0.83	2.00	2.00	0.86	0.73		0.75
Stellar's jay	0.10	1.00	0.25	0.01	0.50			0.25	0.12		0.13
Townsend's solitaire	0.12			0.01					0.05		0.04
Townsend's warbler	0.20										0.04
Tree swallow	0.07			0.01					0.03		0.02
Turkey vulture	0.03							0.01			0.01
Rufous or Allen's hummingbird				0.03	0.33				0.03		0.02
Vaux's swift	0.17			0.05							0.05
Violet green swallow									0.03		0.01
Warbling vireo				0.03			1.00	0.01	0.03	1.00	0.02
White-breasted nuthatch	0.38			0.08				0.17	0.01		0.14
Western Bluebird				0.05				0.07			0.03
Western Kingbird				0.01							0.00
Western Meadowlark				0.04				0.03			0.02
Western Scrub Jay								0.06			0.01
Western Screech Owl	0.02										0.00
Western Tanager	0.42		1.00	1.22	1.17		1.00	0.78	1.55		1.01
Western Wood Pewee	2.28			0.47	0.33			0.54	0.36		0.41
White-Headed Woodpecker				0.01				0.01			0.01
Wilson's Warbler	0.17			0.01	0.17			0.03	0.03	1.00	0.06
Wood Duck	0.07										0.01
Wren tit				0.01				0.04	0.01		0.02
Yellow-Breasted Chat		2.00		0.03				0.01	0.04		0.03
Yellow Warbler				0.01	0.17			0.04	0.01	2.00	0.03
Grand Total	19.22	17.00	16.38	11.98	12.84	12.00	16.00	11.48	13.24	12.00	11.79