

Table 8. Relative abundance of bird species before and after 1975-1976 wildfires in sacaton grasslands of southeastern Arizona. Data are mean number observed in 10 or more 1-hour walking censuses along 500-m routes [Bock and Bock 1978].

Common name	Unburned	After summer burns		Year after winter burn
		Year 1	Year 2	
American goldfinch	0.00	0.00	0.00	1.21
American kestrel	0.04	0.25	0.11	0.05
ash-throated flycatcher	0.08	0.00	0.00	0.00
barn swallow	0.16	0.25	0.17	0.05
black phoebe	0.04	0.00	0.00	0.00
black-chinned hummingbird	0.00	0.00	0.11	0.11
blue grosbeak	0.82	0.03	0.06	0.47
Botteri's sparrow	1.31	0.03	1.11	1.05
Brewer's sparrow	0.00	0.88	0.49	0.00
canyon towhee	0.45	0.16	0.20	0.26
Cassin's kingbird	0.45	0.94	0.83	0.37
Cassin's sparrow	0.14	2.09	2.51	0.68
chipping sparrow	0.39	0.25	0.11	1.89
common nighthawk	0.00	0.00	0.09	0.00
common poorwill	0.02	0.00	0.00	0.00
common yellowthroat	1.86	0.00	0.00	0.00
Cooper's hawk	0.00	0.00	0.03	0.00
eastern meadowlark	0.67	2.72	1.63	0.26
green-tailed towhee	0.10	0.00	0.06	0.05
horned lark	0.00	0.09	7.74	0.00
house finch	0.10	1.53	0.09	1.37
lark bunting	0.00	0.44	0.00	0.00
lark sparrow	0.22	0.28	0.40	0.26
loggerhead shrike	0.24	0.03	0.17	0.00
Montezuma quail	2.29	1.25	2.40	0.79
mourning dove	1.55	37.06	11.40	2.74
northern harrier	0.12	0.69	0.23	0.11
pine siskin	0.00	0.00	0.00	0.84
red-tailed hawk	0.14	0.16	0.03	0.05
rufous-crowned sparrow	0.06	0.00	0.14	0.11
savannah sparrow	0.47	2.72	4.20	2.26
Say's phoebe	0.12	0.28	0.00	0.00
scaled quail	0.78	1.53	0.11	0.00
Swainson's hawk	0.00	0.09	0.00	0.00
turkey vulture	0.08	0.22	0.00	0.00
vesper sparrow	2.63	14.78	14.91	7.11
western kingbird	0.00	0.19	0.00	0.00

white-crowned sparrow	0.92	1.44	0.60	0.63
white-throated sparrow	0.00	0.00	0.00	0.11
white-winged dove	0.14	1.38	0.20	0.37