

Summary of Breeding Bird Survey at Crow's Nest Research Center

The table below summarizes three years of breeding bird data collected at the Crow's Nest Research Center (CNRC). This data is part of a larger breeding bird study being completed at the adjacent Crow's Nest Natural Area Preserve by staff with the Virginia Department of Conservation and Recreation. Five points have been established at the CNRC. Ten minute counts are completed at each point twice between late-May and mid-July. All birds seen and/or heard are documented.

Mean and Standard Error of Abundance and Percent occurrence/points. Closed circles denote a species was detected at least once either at a point or as an incidental during a survey, while an open circle indicates the species was not detected at all.

Species	Abundance (average per point)	Occurrence (% of Points)			
			2018	2019	2020
Acadian flycatcher	0.23 +/- 0.09	20.00	●	●	●
American crow	0.57 +/- 0.21	30.00	●	●	●
American goldfinch	0.80 +/- 0.16	53.33	●	●	●
American robin	0.37 +/- 0.11	30.00	●	●	●
Bald eagle	0.17 +/- 0.07	16.67	●	●	●
Baltimore oriole	0.07 +/- 0.05	6.67	●	●	○
Barn swallow	0.20 +/- 0.12	10.00	●	●	○
Belted kingfisher	0.03 +/- 0.03	3.33	○	○	●
Blue-gray gnatcatcher	0.43 +/- 0.11	36.67	●	●	●
Brown-headed cowbird	0.47 +/- 0.12	36.67	●	●	●
Blue grosbeak	0.27 +/- 0.10	23.33	●	●	●
Blue jay	0.93 +/- 0.18	63.33	●	●	●
Carolina chickadee	0.13 +/- 0.08	10.00	●	●	○
Canada goose	0.03 +/- 0.03	3.33	○	●	○
Carolina wren	1.03 +/- 0.14	76.67	●	●	●
Chipping sparrow	1.00 +/- 0.14	73.33	●	●	●
Chimney swift	0.10 +/- 0.06	10.00	●	○	●
Common grackle	1.17 +/- 0.66	36.67	●	●	●
Common yellowthroat	0.63 +/- 0.15	46.67	●	●	●
Downy woodpecker	0.37 +/- 0.10	33.33	●	●	●
Eastern bluebird	0.67 +/- 0.18	40.00	●	●	●
Eastern kingbird	0.50 +/- 0.14	36.67	●	●	●
Eastern Meadowlark	0.03 +/- 0.03	3.33	○	●	○
Eastern phoebe	0.07 +/- 0.05	6.67	○	○	●
Eastern wood-pewee	0.50 +/- 0.10	46.67	●	●	●
European Starling	0.67 +/- 0.67	3.33	●	○	○
Fish crow	0.13 +/- 0.06	13.33	●	●	●

Field sparrow	0.10 +/- 0.07	6.67	●	○	●
Great blue heron	0.17 +/- 0.07	16.67	●	●	●
Great crested flycatcher	0.23 +/- 0.08	23.33	●	●	●
Green Heron	0.10 +/- 0.07	6.67	○	●	●
House Finch	0.03 +/- 0.03	3.33	○	●	○
Indigo bunting	1.07 +/- 0.14	80.00	●	●	●
Mourning dove	0.77 +/- 0.18	60.00	●	●	●
Northern cardinal	0.77 +/- 0.16	50.00	●	●	●
Northern mockingbird	0.30 +/- 0.09	30.00	●	●	●
Orchard oriole	0.63 +/- 0.14	46.67	●	●	●
Osprey	0.10 +/- 0.06	10.00	●	●	○
Pileated woodpecker	0.10 +/- 0.06	10.00	○	●	○
Prairie warbler	0.07 +/- 0.05	6.67	●	●	○
Red-bellied woodpecker	0.80 +/- 0.14	63.33	●	●	●
Red-eyed vireo	0.47 +/- 0.10	43.33	●	●	●
Red-headed woodpecker	0.27 +/- 0.12	16.67	●	●	●
Red-tailed hawk	0.03 +/- 0.03	3.33	○	○	●
Red-winged blackbird	0.77 +/- 0.32	20.00	●	●	●
Scarlet tanager	0.43 +/- 0.10	40.00	●	●	●
Song Sparrow	0.03 +/- 0.03	3.33	○	●	○
Summer tanager	0.07 +/- 0.05	6.67	○	○	●
Tufted titmouse	0.73 +/- 0.20	40.00	●	●	●
Turkey vulture	0.03 +/- 0.03	3.33	○	●	○
White-breasted nuthatch	0.17 +/- 0.07	16.67	●	●	●
White-eyed vireo	0.10 +/- 0.06	10.00	●	●	●
Wood thrush	0.23 +/- 0.08	23.33	●	●	●
Yellow-breasted chat	0.47 +/- 0.10	43.33	●	●	●
Yellow-billed cuckoo	0.27 +/- 0.10	23.33	●	●	●
Yellow-throated vireo	0.10 +/- 0.06	10.00	○	●	●
Yellow-throated warbler	0.03 +/- 0.03	3.33	○	○	●