

Appendix A. By-year statistics for the Block Island Banding Station.

Year	Total net-hours		Net activity days		No. species capt.		Total birds capt.	
	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
70	1,921	2,581	35	58	79	85	1,435	4,973
71	2,216	1,139	33	38	65	74	906	2,222
72	1,405	1,452	24	34	56	68	840	1,997
73	1,425	1,509	22	32	59	72	694	1,780
74	1,427	1,843	21	43	64	75	766	3,133
75	1,766	4,826	22	70	53	87	507	5,272
76	3,290	6,362	36	75	64	89	935	5,400
77	2,102	2,064	33	33	72	69	1,260	2,205
78	332	3,014	6	39	18	70	86	1,083
79	1,735	3,119	22	52	51	76	426	2,003
80	1,431	3,548	22	49	37	70	350	1,659
81	2,645	2,965	27	44	52	74	514	2,197
82	2,249	2,571	23	33	49	56	396	1,144
83	2,913	2,923	29	39	60	68	526	1,188
84	2,499	3,710	26	44	66	60	578	1,227
85	2,263	3,266	24	42	54	65	459	1,545
86	2,584	4,906	26	49	47	71	344	915
87	2,625	3,305	30	43	63	71	665	1,076
88	2,808	4,715	26	47	45	74	450	1,593
89	3,417	4,589	30	50	56	67	606	2,180
90	2,752	4,882	28	44	49	69	497	1,801
91	2,791	2,543	30	34	49	67	326	1,478
92	2,777	5,031	25	54	58	73	680	2,109
93	2,623	5,165	26	61	41	71	256	1,327
94	2,718	5,667	25	60	58	55	544	1,268
Totals	56,714	87,695	651	1,167			15,046	52,775

Appendix B. Species captured at the Block Island Banding Station, 1970–1994.

Species	Scientific name	Winter dest. ^a	Diel Index ^b	Total captured		Mean BPT ^c		Pct. days capt. ^d	
				Spring	Fall	Spring	Fall	Spring	Fall
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	SA		1	38	0.0	0.7	0.2	2.8
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	SA		2	23	0.0	0.6	0.3	1.8
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	SE		1	165	0.0	2.4	0.2	10.1
Downy Woodpecker	<i>Picoides pubescens</i>	NE		5	108	0.1	1.5	0.7	8.6
Hairy Woodpecker	<i>Picoides villosus</i>	NE		0	6	0.0	0.5		0.5
Yellow-shafted Flicker	<i>Colaptes auratus</i>	NE		11	398	0.2	4.7	1.7	18.1
Olive-sided Flycatcher	<i>Contopus cooperi</i>	SA		3	1	0.1	0.2	0.5	0.1
Eastern Wood-pewee	<i>Contopus virens</i>	SA	0.61	21	30	0.4	0.5	2.9	2.4
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	CA	0.38	18	102	0.3	1.3	2.5	7.2
Acadian Flycatcher	<i>Empidonax vireescens</i>	SA		14	11	0.2	0.4	2.0	1.0
Willow Flycatcher	<i>Empidonax traillii</i>	CA		14	71	0.2	1.0	2.7	4.8
Least Flycatcher	<i>Empidonax minimus</i>	CA	0.34	37	85	0.7	1.2	4.1	6.1
Eastern Phoebe	<i>Sayornis phoebe</i>	SE	0.20	7	375	0.1	4.7	1.0	18.7
Say's Phoebe	<i>Sayornis saya</i>	SW		0	1	0.0	0.5		0.1
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	CA		12	22	0.2	0.6	1.2	1.6
Eastern Kingbird	<i>Tyrannus tyrannus</i>	SA		13	10	0.2	2.1	1.8	0.8
White-eyed Vireo	<i>Vireo griseus</i>	CA		81	83	1.4	1.1	10.1	6.5
Yellow-throated Vireo	<i>Vireo flavifrons</i>	CA		3	5	0.1	0.3	0.4	0.4
Blue-headed Vireo	<i>Vireo solitarius</i>	SE	0.39	50	209	0.9	2.5	5.7	13.5
Warbling Vireo	<i>Vireo gilvus</i>	SA		5	26	0.1	0.6	0.8	2.4
Philadelphia Vireo	<i>Vireo philadelphicus</i>	CA		6	120	0.1	2.0	0.9	6.4
Red-eyed Vireo	<i>Vireo olivaceus</i>	SA	0.95	157	2,157	2.8	30.5	15.2	57.2
Blue Jay	<i>Cyanocitta cristata</i>	NE	0.00	526	30	9.3	0.4	22.5	2.0
American Crow	<i>Corvus brachyrhynchos</i>	NE		1	0	0.0	0.0	0.7	0.0
Tree Swallow	<i>Tachycineta bicolor</i>	SE		11	1	0.2	0.3	1.6	0.1
Bank Swallow	<i>Riparia riparia</i>	SA		18	0	0.3	0.0	0.6	0.0
Black-capped Chickadee	<i>Poecile atricapillus</i>	NE	0.00	44	139	0.8	1.5	5.5	9.4
Red-breasted Nuthatch	<i>Sitta canadensis</i>	SE	0.32	49	442	0.9	4.8	4.7	19.8
White-breasted Nuthatch	<i>Sitta carolinensis</i>	NE	0.00	1	18	0.0	0.5	0.2	1.5
Brown Creeper	<i>Certhia americana</i>	SE	0.30	41	849	0.7	10.5	4.1	30.0
Carolina Wren	<i>Thryothorus ludovicianus</i>	NE		43	122	0.8	1.2	6.0	8.7
House Wren	<i>Troglodytes aedon</i>	SE	0.30	50	317	0.9	4.3	7.1	19.5
Winter Wren	<i>Troglodytes troglodytes</i>	SE		13	306	0.2	4.2	1.7	16.8
Marsh Wren	<i>Cistothorus palustris</i>	SA		2	16	0.0	0.5	0.3	1.2
Golden-crowned Kinglet	<i>Regulus satrapa</i>	SE	0.44	55	2,360	1.0	30.0	2.6	32.7
Ruby-crowned Kinglet	<i>Regulus calendula</i>	SE	0.34	211	1,167	3.7	14.9	14.2	28.2
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	CA		27	2	0.5	0.5	2.9	0.2
Veery	<i>Catharus fuscescens</i>	CA	0.94	130	733	2.3	9.5	14.2	28.0
Gray-cheeked Thrush	<i>Catharus minimus</i>	SA	0.81	42	476	0.7	6.8	5.3	20.4
Swainson's Thrush	<i>Catharus ustulatus</i>	SA	0.87	185	1,078	3.3	14.2	14.0	35.2
Hermit Thrush	<i>Catharus guttatus</i>	SE	0.55	82	1,132	1.4	15.2	8.7	30.0
Wood Thrush	<i>Hylocichla mustelina</i>	CA	0.75	105	84	1.9	1.2	11.6	6.0
American Robin	<i>Turdus migratorius</i>	SE	0.32	88	934	1.6	12.1	11.8	38.5
Gray Catbird	<i>Dumetella carolinensis</i>	SE/CA	0.56	2,561	6,956	45.2	91.8	69.7	85.2
Northern Mockingbird	<i>Mimus polyglottos</i>	NE		2	12	0.0	0.5	0.3	1.0
Brown Thrasher	<i>Toxostoma rufum</i>	SE	0.00	48	146	0.8	2.2	5.8	9.3
European Starling	<i>Sturnus vulgaris</i>	NE		8	7	0.1	0.4	1.0	0.6
Cedar Waxwing	<i>Bombycilla cedrorum</i>	CA		5	522	0.1	7.2	0.7	18.8

^a Winter destination(s) of migrants: NE=Northeast US, SE=Southeastern US, SE/CA= Southeastern US/Central America, CA=Central America, SA=South America.

^b Index of the "nocturnalness" of fall migrants from Ralph (1981); higher values indicate a greater proportion of nocturnally migrating individuals for that species.

^c Mean birds per thousand net-hours over 25 years.

^d Percent of net activity days with at least one bird captured, averaged over 25 years.

Appendix B (cont'd). Species captured at the Block Island Banding Station, 1970–1994.

Species	Scientific name	Winter dest. ^a	Diel Index ^b	Total captured		Mean BPT ^c		Pct. days capt. ^d	
				Spring	Fall	Spring	Fall	Spring	Fall
Blue-winged Warbler	<i>Vermivora pinus</i>	CA		13	17	0.2	0.3	1.9	1.4
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	CA		0	8	0.0	0.4	0.0	0.7
Tennessee Warbler	<i>Vermivora peregrina</i>	CA	0.87	58	108	1.0	2.2	6.4	6.5
Orange-crowned Warbler	<i>Vermivora celata</i>	SE		0	7	0.0	0.5	0.0	0.7
Nashville Warbler	<i>Vermivora ruficapilla</i>	CA	0.76	30	94	0.5	1.7	4.2	6.8
Northern Parula	<i>Parula americana</i>	CA	0.88	311	119	5.5	2.5	19.7	8.2
Yellow Warbler	<i>Dendroica petechia</i>	CA	0.70	187	4	3.3	0.5	19.3	0.4
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	CA	0.92	38	37	0.7	0.5	4.6	2.9
Magnolia Warbler	<i>Dendroica magnolia</i>	CA	0.85	633	203	11.2	2.9	28.5	13.6
Cape May Warbler	<i>Dendroica tigrina</i>	CA	0.68	15	290	0.3	3.5	1.5	13.1
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	CA	0.95	63	630	1.1	8.1	7.0	29.3
Yellow-rumped Warbler	<i>Dendroica coronata</i>	SE/CA	0.82	1,601	18,538	28.2	272.0	31.9	54.6
Black-throated Green Warbler	<i>Dendroica virens</i>	CA	0.83	59	70	1.0	1.2	5.9	4.8
Blackburnian Warbler	<i>Dendroica fusca</i>	SA	0.96	34	11	0.6	0.4	3.5	0.9
Pine Warbler	<i>Dendroica pinus</i>	SE		1	8	0.0	0.4	0.1	0.7
Prairie Warbler	<i>Dendroica discolor</i>	CA		24	20	0.4	0.5	3.1	1.6
Palm Warbler	<i>Dendroica palmarum</i>	SE	0.53	13	237	0.2	4.0	1.5	15.4
Bay-breasted Warbler	<i>Dendroica castanea</i>	CA	0.98	74	83	1.3	1.3	7.3	6.6
Blackpoll Warbler	<i>Dendroica striata</i>	SA	0.81	517	551	9.1	8.3	22.9	25.5
Black-and-White Warbler	<i>Mniotilta varia</i>	CA	0.80	478	385	8.4	4.7	31.2	22.3
American Redstart	<i>Setophaga ruticilla</i>	CA	0.79	273	911	4.8	11.8	18.0	35.3
Prothonotary Warbler	<i>Protonotaria citrea</i>	SA		1	2	0.0	0.3	0.1	0.1
Worm-eating Warbler	<i>Helminthos vermivorus</i>	CA		12	14	0.2	0.5	1.6	1.2
Ovenbird	<i>Seiurus aurocapillus</i>	CA	1.02	433	357	7.6	4.6	24.9	21.6
Northern Waterthrush	<i>Seiurus noveboracensis</i>	CA	0.76	305	377	5.4	5	23.2	18.1
Louisiana Waterthrush	<i>Seiurus motacilla</i>	CA		3	0	0.1	0	0.4	0.0
Kentucky Warbler	<i>Oporornis formosus</i>	CA		16	2	0.3	0.4	2.4	0.2
Connecticut Warbler	<i>Oporornis agilis</i>	SA	1.00	0	27	0.0	0.6	0.0	2.1
Mourning Warbler	<i>Oporornis philadelphia</i>	SA	0.88	35	60	0.6	1.3	4.3	4.1
Common Yellowthroat	<i>Geothlypis trichas</i>	SE/CA	0.95	2,060	1,276	36.3	17.2	60.9	47.1
Hooded Warbler	<i>Wilsonia citrina</i>	CA		8	10	0.1	0.3	1.1	0.8
Wilson's Warbler	<i>Wilsonia pusilla</i>	CA	0.65	93	44	1.6	1.1	9.2	3.3
Canada Warbler	<i>Wilsonia canadensis</i>	CA	0.75	245	87	4.3	1	14.9	5.8
Yellow-breasted Chat	<i>Icteria virens</i>	CA		2	69	0.0	1	0.2	5.4
Summer Tanager	<i>Piranga rubra</i>	SA		3	1	0.1	0.2	0.4	0.1
Scarlet Tanager	<i>Piranga olivacea</i>	SA	0.90	29	205	0.5	2.9	4.0	12.2
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	SE	0.21	190	558	3.4	7.6	20.1	31.8
American Tree Sparrow	<i>Spizella arborea</i>	SE		2	2	0.0	0.3	0.3	0.2
Chipping Sparrow	<i>Spizella passerina</i>	SE	0.42	4	47	0.1	1	0.6	3.5
Clay-colored Sparrow	<i>Spizella pallida</i>	CA		0	1	0.0	0.4	0.0	0.1
Field Sparrow	<i>Spizella pusilla</i>	SE	0.36	13	94	0.2	1.5	2.0	6.1
Savannah Sparrow	<i>Passerculus sandwichensis</i>	SE	0.94	6	20	0.1	1.1	0.5	1.1
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	CA		0	3	0.0	0.4	0.0	0.3
Saltmarsh Sharp-tailed Sparrow	<i>Ammodramus caudacutus</i>	SE		0	7	0.0	0.7	0.0	0.2
Fox Sparrow	<i>Passerella iliaca</i>	SE	0.78	1	10	0.0	0.6	0.1	0.6
Song Sparrow	<i>Melospiza melodia</i>	SE	0.62	209	1,050	3.7	15.7	24.7	40.8
Lincoln's Sparrow	<i>Melospiza lincolni</i>	SE	0.69	55	88	1.0	1.4	6.8	6.9
Swamp Sparrow	<i>Melospiza georgiana</i>	SE	0.70	184	608	3.2	8.9	17.8	25.0

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White-throated Sparrow	<i>Zonotrichia albicollis</i>	SE	0.69	991	1,650	17.5	22.9	40.8	43.0
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	SE	0.64	35	96	0.6	2.2	3.0	5.1
Dark-eyed Junco	<i>Junco hyemalis</i>	SE	0.65	20	1,065	0.4	12.8	2.6	29.6
Northern Cardinal	<i>Cardinalis cardinalis</i>	NE		55	165	1.0	1.9	6.7	10.4
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	SA	0.77	135	102	2.4	1.5	14.5	7.2
Blue Grosbeak	<i>Guiraca caerulea</i>	CA		1	1	0.0	0.9	0.2	0.1
Indigo Bunting	<i>Passerina cyanea</i>	CA	0.72	52	59	0.9	1.1	6.1	4.6
Bobolink	<i>Dolichonyx oryzivorus</i>	SA		0	9	0.0	1.1		0.3
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	SE		105	10	1.9	1.0	7.3	0.7
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	NW		0	1	0.0	0.2		0.1
Rusty Blackbird	<i>Euphagus carolinus</i>	SE		4	3	0.1	0.3	0.5	0.2
Common Grackle	<i>Quiscalus quiscula</i>	SE		20	33	0.4	0.9	1.9	1.2
Brown-headed Cowbird	<i>Molothrus ater</i>	SE		67	3	1.2	1.6	4.8	0.1
Orchard Oriole	<i>Icterus spurius</i>	CA		5	0	0.1	0.0	0.7	
Baltimore Oriole	<i>Icterus galbula</i>	CA		76	105	1.3	2.6	6.0	4.2
Purple Finch	<i>Carpodacus purpureus</i>	SE	0.00	42	106	0.7	1.5	3.9	6.8
House Finch	<i>Carpodacus mexicanus</i>	NE		69	52	1.2	1.0	5.4	3.0
Pine Siskin	<i>Carduelis pinus</i>	NE		4	6	0.1	0.6	0.5	0.5
American Goldfinch	<i>Carduelis tristis</i>	NE	0.00	182	44	3.2	1.1	14.0	2.3
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	NE		10	2	0.2	0.4	0.9	0.1

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