

Table 1. Occurrence of birds in four habitats of differently aged regenerating dry forest and mature dry forest in the Sierra de Bahoruco, Dominican Republic. P-values for among habitat comparisons are based on Chi-square tests of independence for all species with >30 captures. Comparisons were based on actual numbers (not rates) of captures, with expected values based on mist net hours.

Species	Status ¹	Preferred Habitat ²	Diet ⁴	La Cueva (2-yr)		La Caoba (5-yr)		Morelia (10-yr)		El Corral (20-yr)		Aceitillar (mature)		P
				Sum	Caps/ 1000nh	Sum	Caps/ 1000nh	Sum	Caps/ 1000nh	Sum	Caps/ 1000nh	Sum	Caps/ 1000nh	
Sharp-shinned Hawk (<i>Accipiter striatus</i>)	R	EF	C	1	0.13					2	0.29	2	0.18	
American Kestrel (<i>Falco sparverius</i>)	R	SF	C	1	0.13			1	0.13					
Northern Potoo (<i>Nyctibius jamaicensis</i>)	R	SF	I	1	0.13									
Zenaida Dove (<i>Zenaida aurita</i>)	R	DF	G									5	0.44	
Mourning Dove (<i>Zenaida macroura</i>)	R	SF	G	2	0.26									
Common Ground-Dove (<i>Columbina passerina</i>)	R	SF	G	230	30.22	167	22.90	101	13.37	98	14.11	28	2.47	<0.001
Key West Quail-Dove (<i>Geotrygon chrysia</i>)	R	DF	G	1	0.13					14	2.02	19	1.68	<0.001
Ruddy Quail-Dove (<i>Geotrygon montana</i>)	R	EF	G	1	0.13	2	0.27	2	0.26			4	0.35	
White-fronted Quail-Dove (<i>Geotrygon leucometopia</i>)	RE	EF	G	2	0.26			2	0.26					
Yellow-billed Cuckoo (<i>Coccyzus americanus</i>)	R	DF	I											
Mangrove Cuckoo (<i>Coccyzus minor</i>)	R	DF	I	6	0.79	10	1.37	8	1.06	3	0.43			
Hispaniolan Lizard-Cuckoo (<i>Coccyzus longirostris</i>)	RE	DF	C	21	2.76	17	2.33	17	2.25	30	4.32	26	2.30	0.083
Smooth-billed Ani (<i>Crotophaga ani</i>)	R	SF	O	2	0.26	5	0.69	1	0.13					
Burrowing Owl (<i>Athene cunicularia</i>)	R	SF	C					2	0.26					
Antillean Mango (<i>Anthracoceros dominicus</i>)	R	EF	N	45	5.91	26	3.57	48	6.36	26	3.74	44	3.89	0.019
Hispaniolan Emerald (<i>Chlorostilbon swainsonii</i>)	RE	EF	N	26	3.42	14	1.92	16	2.12	3	0.43	6	0.53	<0.001
Vervain Hummingbird (<i>Mellisuga minima</i>)	R	SF	N	5	0.66	8	1.10	10	1.32	1	0.14	5	0.44	
Hispaniolan Trogon (<i>Priotelus roseigaster</i>)	RE	EF	O					1	0.13					
Broad-billed Tody (<i>Todus subulatus</i>)	RE	DF	I	73	9.59	88	12.07	93	12.31	102	14.68	92	8.13	<0.001
Narrow-billed Tody (<i>Todus angustirostris</i>)	RE	EF	I	1	0.13	7	0.96					4	0.35	
Antillean Piculet (<i>Nesocittes micromegas</i>)	R	DF	I			3	0.41	2	0.26	1	0.14	10	0.88	
Hispaniolan Woodpecker (<i>Melanerpes striatus</i>)	RE	EF	I	1	0.13							1	0.09	
Hispaniolan Pewee (<i>Contopus hispaniolensis</i>)	RE	EF	I	1	0.13					1	0.14	17	1.50	
Stolid Flycatcher (<i>Myiarchus stolidus</i>)	R	DF	O	28	3.68	9	1.23	23	3.05	18	2.59	43	3.80	0.020
Gray Kingbird (<i>Tyrannus dominicensis</i>)	R	SF	I	12	1.58	2	0.27	2	0.26	1	0.14			
Black-whiskered Vireo (<i>Vireo altiloquus</i>)	R	DF	I	17	2.23	2	0.27	5	0.66			13	1.15	<0.001
Rufous-throated Solitaire (<i>Myadestes genibarbis</i>)	R	EF	F	4	0.53	4	0.55	1	0.13					
Wood Thrush (<i>Hylocichla mustelina</i>)	M	EF	O									1	0.09	
Red-legged Thrush (<i>Turdus plumbeus</i>)	R	DF	O	62	8.15	59	8.09	31	4.10	19	2.74	85	7.51	<0.001
Gray Catbird (<i>Dumetella carolinensis</i>)	M	SF	O			2	0.27							
Northern Mockingbird (<i>Mimus polyglottos</i>)	R	SF	O	39	5.12	40	5.48	21	2.78	20	2.88	5	0.44	<0.001
Palmchat (<i>Dulus dominicus</i>)	RE	SF	F	3	0.39	3	0.41	4	0.53					
Ovenbird (<i>Seiurus aurocapilla</i>)	M	EF	I	105	13.79	112	15.36	185	24.49	144	20.73	134	11.84	<0.001
Louisiana Waterthrush (<i>Parus motacilla</i>)	M	EF	I			1	0.14							
Blue-winged Warbler (<i>Vermivora pinus</i>)	M	SF	I	1	0.13									
Black-and-white Warbler (<i>Mniotilta varia</i>)	M	EF	I	9	1.18	7	0.96	17	2.25	36	5.18	73	6.45	<0.001
Tennessee Warbler (<i>Oreothlypis peregrina</i>)	M	SF	I					1	0.13					
Common Yellowthroat (<i>Geothlypis trichas</i>)	M	SF	I	29	3.81	149	20.43	31	4.10			1	0.09	<0.001
Hooded Warbler (<i>Setophaga citrina</i>)	M	EF	I			1	0.14					1	0.09	
American Redstart (<i>Setophaga ruticilla</i>)	M	EF	I	72	9.46	65	8.91	32	4.24	22	3.17	37	3.27	<0.001
Cape May Warbler (<i>Setophaga tigrina</i>)	M	EF	N	112	14.71	185	25.37	45	5.96	15	2.16	88	7.77	<0.001
Northern Parula (<i>Setophaga americana</i>)	M	EF	I	3	0.39	2	0.27	3	0.40			2	0.18	
Magnolia Warbler (<i>Setophaga magnolia</i>)	M	EF	I	7	0.92	1	0.14	4	0.53	4	0.58	2	0.18	

Blackpoll Warbler (<i>Setophaga striata</i>)	M	SF	I			1	0.14							
Black-throated Blue Warbler (<i>Setophaga caerulescens</i>)	M	EF	I	69	9.07	64	8.78	88	11.65	75	10.80	45	3.98	<0.001
Palm Warbler (<i>Setophaga palmarum</i>)	M	SF	I	24	3.15	13	1.78	4	0.53	3	0.43	1	0.09	<0.001
Yellow-rumped Warbler (<i>Setophaga coronata</i>)	M	EF	I			1	0.14							
Prairie Warbler (<i>Setophaga discolor</i>)	M	SF	I	31	4.07	40	5.48	11	1.46	1	0.14	3	0.27	<0.001
Green-tailed Ground-Warbler (<i>Microligea palustris</i>)	RE	EF	I	37	4.86	68	9.32	23	3.05	47	6.77	124	10.96	<0.001
Bananaquit (<i>Coereba flaveola</i>)	R	EF	N	136	17.87	96	13.16	58	7.68	23	3.31	291	25.71	<0.001
Black-crowned Palm-Tanager (<i>Phaenicophilus palmarum</i>)	RE	SF	O	88	11.56	62	8.50	72	9.53	83	11.95	141	12.46	0.074
Summer Tanager (<i>Piranga rubra</i>)	M	SF	O			1	0.14							
Hispaniolan Spindalis (<i>Spindalis dominicensis</i>)	RE	EF	F	16	2.10	15	2.06	4	0.53					<0.001
Yellow-faced Grassquit (<i>Tiarus olivaceus</i>)	R	SF	G	266	34.95	176	24.13	70	9.27	59	8.49	7	0.62	<0.001
Black-faced Grassquit (<i>Tiarus bicolor</i>)	R	SF	G	28	3.68	44	6.03	13	1.72	10	1.44	9	0.80	<0.001
Greater Antillean Bullfinch (<i>Loxia violacea</i>)	R	EF	O	142	18.66	146	20.02	98	12.97	62	8.93	387	34.19	<0.001
Rose-breasted Grosbeak (<i>Pheucticus ludovicianus</i>)	M	SF	G									3	0.27	
Blue Grosbeak (<i>Guiraca caerulea</i>)	M	SF	G					1	0.13					
Indigo Bunting (<i>Passerina cyanea</i>)	M	SF	G	1	0.13	2	0.27							
Nutmeg Mannikin (<i>Lonchura punctulata</i>)	R	SF	G	1	0.13									

¹ R=permanent resident; RE=resident endemic; M=overwintering Neotropical migrant. Derived from Latta et al. (2006).

² Preferred habitat derived from Stotz et al. (1996).

³ Habitat breadth derived from Stotz et al. (1996).

⁴ Derived from Latta et al. (2003).

