

These are electronic appendices to the paper by Fallon *et al.* 2004 Temporal stability of insular avian malarial parasite communities. *Proc. R. Soc. Lond. B* 271, 493–500. (DOI 10.1098/rspb.2003.2621.)

Electronic appendices are refereed with the text. However, no attempt is made to impose a uniform editorial style on the electronic appendices.

Electronic Appendix A. List of host species sampled in St. Lucia. Numbers in the first three columns refer to the ratio of infected individuals versus the total number sampled. The last column denotes the number of sequenced infections.

<b>Taxon</b>	<b>Genus</b>	<b>Species</b>	<b>Common name</b>	<b>July 1991</b>	<b>July 2000</b>	<b>Total</b>	<b>Sequenced</b>
<i>Emberizinae</i>	<i>Loxigilla</i>	<i>noctis</i>	Lesser Antillean Bullfinch	23/35	25/36	48/71	46/48
<i>Emberizinae</i>	<i>Coereba</i>	<i>flaveola</i>	Bannanaquit	11/28	15/33	26/61	24/26
<i>Mimidae</i>	<i>Margarops</i>	<i>fuscus</i>	Scaly-breasted Thrasher	7/23	8/14	14/20	14/14
<i>Vireonidae</i>	<i>Vireo</i>	<i>altiloquus</i>	Black whiskered Vireo	5/26	6/30	11/56	10/11
<i>Emberizinae</i>	<i>Tiaris</i>	<i>bicolor</i>	Black faced Grassquit	4/9	6/9	10/18	10/10
<i>Tyrannidae</i>	<i>Elaenia</i>	<i>maritima</i>	Caribbean Elaenia	6/6	2/18	9/41	6/9
<i>Parulinae</i>	<i>Dendroica</i>	<i>adelaidae</i>	Adelaide's Warbler	2/10	2/10	4/20	3/4
<i>Mimidae</i>	<i>Mimus</i>	<i>gilvus</i>	Tropical Mockingbird	2/3	0/2	2/5	2/2
<i>Mimidae</i>	<i>Ramphocinclus</i>	<i>brachyurus</i>	White-breasted Thrasher	2/4	0/1	2/5	2/2
<i>Mimidae</i>	<i>Cinclocerthia</i>	<i>ruficauda</i>	Brown Trembler	1/1	1/2	2/5	1/2
<i>Emberizinae</i>	<i>Melanospiza</i>	<i>richardsoni</i>	St. Lucia Black Finch	0/3	1/4	1/7	1/1
<i>Cardinalidae</i>	<i>Saltator</i>	<i>albicollis</i>	Streaked Saltator	0/8	0/14	0/22	-
<i>Trochilidae</i>	<i>Eulampis</i>	<i>jugularis</i>	Purple-throated Carib	0/28	0/8	0/36	-
<i>Turdinae</i>	<i>Myadestes</i>	<i>genibarbis</i>	Rufous-throated Solitaire	0/3	0/5	0/8	-
<i>Turdinae</i>	<i>Turdus</i>	<i>nudigenis</i>	Bare-eyed Thrush	0/7	0/4	0/11	-
<i>Columbidae</i>	<i>Geotrygon</i>	<i>montana</i>	Ruddy Quail-Dove	0/3	0/2	0/5	-
<i>Icterinae</i>	<i>Icterus</i>	<i>laudabilis</i>	St Lucia Oriole	0/4	0/1	0/5	-
<i>Icterinae</i>	<i>Quiscalus</i>	<i>lugubris</i>	Carib Grackle	0/3	0/1	0/4	-
<i>Trochilidae</i>	<i>Eulampis</i>	<i>holosericeus</i>	Green throated Carib	-	0/3	0/3	-
<i>Icterinae</i>	<i>Molothrus</i>	<i>bonariensis</i>	Shiny Cowbird	-	0/2	0/2	-
<i>Columbidae</i>	<i>Columba</i>	<i>squamosa</i>	Scaly-naped Pigeon	-	0/1	0/1	-
<i>Mimidae</i>	<i>Margarops</i>	<i>fuscatus</i>	Pearly-eyed Thrasher	-	0/1	0/1	-
<i>Tyrannidae</i>	<i>Myarchus</i>	<i>oberi</i>	Lesser Antillean Flycatcher	-	0/1	0/1	-

Taxon	Genus	Species	Common name	July 1991	July 2000	Total	Sequenced
Columbidae	<i>Zenaidra</i>	<i>aurita</i>	Zenaida Dove	-	0/1	0/1	-
Ardeidae	<i>Butorides</i>	<i>virescens</i>	Green Heron	0/1	-	0/1	-
Tyrannidae	<i>Contopus</i>	<i>latirostris</i>	Lesser Antillean Pewee	0/4	-	0/4	-
Trochilidae	<i>Orthorhyncus</i>	<i>cristatus</i>	Antillean Crested Hummingbird	0/3	-	0/3	-
Tyrannidae	<i>Tyrannus</i>	<i>dominicensis</i>	Gray Kingbird	0/1	-	0/1	-
				<b>63/213</b>	<b>66/203</b>	<b>129/416</b>	<b>119/129</b>

Electronic Appendix B. List of host species sampled in Puerto Rico. Numbers in the first three columns refer to the ratio of infected individuals versus the total number sampled. The last column denotes the number of sequenced infections.

Taxon	Genus	Species	Common name	Oct 1993	Jan 2001	June 2001	Oct 2001	Jan 2002	Total	Sequenced
Coerebinae	<i>Coereba</i>	<i>flaveola</i>	Bananaquit	25/48	46/61	22/83	14/58	26/93	133/343	80/133
Emberizinae	<i>Loxigilla</i>	<i>portoricensis</i>	Puerto Rican Bullfinch	14/29	14/24	7/32	6/17	18/39	59/141	44/59
Emberizinae	<i>Tiaris</i>	<i>bicolor</i>	Black-faced Grassquit	6/22	0/6	11/52	5/47	6/40	28/167	12/28
Columbidae	<i>Columbina</i>	<i>passerina</i>	Common Ground-Dove	8/21	12/32	14/38	10/24	5/13	49/128	32/49
Parulinae	<i>Dendroica</i>	<i>adelaidae</i>	Adelaide's Warbler	0/9	6/21	5/19	3/22	8/19	22/90	16/22
Vireonidae	<i>Vireo</i>	<i>atitloquus</i>	Black-whiskered Vireo	3/4	-	7/11	1/1	-	11/16	8/11
Thraupinae	<i>Nesospingus</i>	<i>speculiferus</i>	Puerto Rican Tanager	2/6	-	3/6	-	1/10	6/22	2/6
Turdinae	<i>Turdus</i>	<i>plumbeus</i>	Red-legged Thrush	2/8	0/2	1/13	0/2	1/3	4/28	3/4
Parulinae	<i>Seiurus</i>	<i>noveboracensis</i>	Northern Waterthrush	0/1	-	-	4/25	1/27	5/53	1/5
Parulinae	<i>Seiurus</i>	<i>aurocapillus</i>	Ovenbird	0/4	3/15	-	1/6	0/11	4/36	1/4
Mimidae	<i>Margarops</i>	<i>fuscatus</i>	Pearly-eyed Thrasher	2/27	1/12	0/5	0/8	0/22	3/74	1/3

Taxon	Genus	Species	Common name	Oct 1993	Jan 2001	June 2001	Oct 2001	Jan 2002	Total	Sequenced
<i>Thraupinae</i>			Puerto Rican	-	3/4	-	-	-	3/4	1/3
	<i>Spindalis</i>	<i>portoricensis</i>	Stripe-headed Tanager	0/1	1/1	-	1/2	-	2/4	1/2
<i>Columbidae</i>	<i>Zenaida</i>	<i>aurita</i>	Zenaida Dove	-	-	-	2/7	-	2/7	1/2
<i>Parulinae</i>	<i>Dendroica</i>	<i>striata</i>	Blackpoll Warbler	1/1	-	-	-	-	1/1	1/1
<i>Trochilidae</i>	<i>Eulampis</i>	<i>holosericeus</i>	Green-throated Carib	1/1	-	-	-	0/1	1/2	1/1
<i>Icterinae</i>	<i>Icterus</i>	<i>dominicensis</i>	Black-Cowled Oriole	-	-	-	-	1/30	1/30	0/1
<i>Parulinae</i>	<i>Geothlypis</i>	<i>trichas</i>	Common Yellowthroat	-	-	-	-	1/1	1/3	0/1
<i>Coccyzidae</i>	<i>Coccyzus</i>	<i>americanus</i>	Yellow-billed Cuckoo	-	-	0/2	1/1	-	1/3	0/1
<i>Estrilidae</i>	<i>Lonchura</i>	<i>punctulata</i>	Nutmeg Mannikin	-	-	0/10	1/13	-	1/23	0/1
<i>Columbidae</i>	<i>Geotrygon</i>	<i>montana</i>	Ruddy Quail-Dove	0/12	-	1/6	-	0/2	1/20	0/1
<i>Thraupinae</i>	<i>Spindalis</i>	<i>zena</i>	Stripe-headed Tanager	0/6	-	1/1	-	1/1	2/8	0/2
<i>Parulinae</i>	<i>Dendroica</i>	<i>petechia</i>	Yellow Warbler	-	-	2/20	5/25	1/15	8/60	0/8
<i>Estrilidae</i>	<i>Estrilda</i>	<i>melpoda</i>	Orange-cheeked Waxbill	-	-	0/4	3/7	0/3	3/14	0/3
<i>Tyrannidae</i>	<i>Myiarchus</i>	<i>antillarum</i>	Puerto Rican Flycatcher	0/7	0/9	0/16	1/6	0/5	1/43	0/1
<i>Parulinae</i>	<i>Mniotilta</i>	<i>varia</i>	Black-and-white Warbler	0/2	1/9	-	0/13	0/6	1/30	0/1
<i>Parulinae</i>	<i>Setophaga</i>	<i>ruticilla</i>	American Redstart	0/2	1/4	-	0/5	0/3	1/14	0/1
<i>Tyrannidae</i>	<i>Elaenia</i>	<i>martinica</i>	Caribbean Elaenia	0/16	0/23	0/13	2/15	0/32	2/99	0/2
<i>Todidae</i>	<i>Todus</i>	<i>mexicanus</i>	Puerto Rican Tody	0/15	0/7	0/40	1/15	0/8	1/85	0/1
<i>Vireonidae</i>	<i>Vireo</i>	<i>latimeri</i>	Puerto Rican Vireo	0/10	0/5	0/2	1/2	0/3	1/22	0/1
<i>Emberizinae</i>	<i>Tiaris</i>	<i>olivacea</i>	Yellow-faced Grassquit	0/7	-	0/11	0/1	-	0/19	-
<i>Trochilidae</i>	<i>Chlorostilbon</i>	<i>maugaeus</i>	Puerto Rican Emerald	0/4	-	0/2	0/1	0/8	0/15	-

Taxon	Genus	Species	Common name	Oct 1993	Jan 2001	June 2001	Oct 2001	Jan 2002	Total	Sequenced
Parulinae	<i>Parula</i>	<i>americana</i>	Northern Parula	0/1	0/3	-	-	0/9	0/13	-
			Puerto Rican							
Picidae	<i>Melanerpes</i>	<i>portoricensis</i>	Woodpecker	0/2	0/2	0/6	0/2	-	0/12	-
Tyrannidae	<i>Tyrannus</i>	<i>dominicensis</i>	Gray Kingbird	0/2	-	0/9	-	-	0/11	-
Parulinae	<i>Dendroica</i>	<i>discolor</i>	Prairie Warbler	0/1	0/3	-	0/4	0/2	0/10	-
			Northern							
Mimidae	<i>Mimus</i>	<i>polyglottos</i>	Mockingbird	0/8	-	-	0/1	-	0/9	-
Trochilidae	<i>Anthracothorax</i>	<i>viridis</i>	Green Mango	0/3	-	0/4	-	0/1	0/8	-
			Key West							
Columbidae	<i>Geotrygon</i>	<i>chrysis</i>	Quail-Dove	-	0/3	0/2	-	0/2	0/7	-
			Puerto Rican							
Tyrannidae	<i>Contopus</i>	<i>portoricensis</i>	Pewee	-	-	0/2	0/3	0/1	0/6	-
			Lesser Antillean							
Tyrannidae	<i>Contopus</i>	<i>latirostris</i>	Pewee	0/6	-	-	-	-	0/6	-
			Puerto Rican							
Coccyzidae	<i>Saurothera</i>	<i>vieilloti</i>	Lizard Cuckoo	-	0/1	0/1	0/1	0/3	0/6	-
			Mangrove							
Coccyzidae	<i>Coccyzus</i>	<i>minor</i>	Cuckoo	0/1	0/1	0/2	-	0/1	0/5	-
			Puerto Rican							
Thraupinae	<i>Spindalis</i>	<i>portoricensis</i>	Spindalis	-	-	-	-	0/5	0/5	-
			Antillean							
Trochilidae	<i>Anthracothorax</i>	<i>dominicus</i>	Mango	0/1	-	0/1	0/1	-	0/3	-
			Worm-eating							
Parulinae	<i>Helmitheros</i>	<i>vermivorus</i>	Warbler	-	0/2	-	-	0/1	0/3	-
Parulinae	<i>Wilsonia</i>	<i>citrina</i>	Hooded Warbler	-	0/1	-	-	0/2	0/3	-
Cardinalinae	<i>Passerina</i>	<i>cyanea</i>	Indigo Bunting	0/1	-	-	-	0/2	0/3	-
			Rose-breasted							
Fringillidae	<i>Pheucticus</i>	<i>ludovicianus</i>	Grosbeak	-	0/3	-	-	-	0/3	-
			Orange-crowned							
Parulinae	<i>Vermivora</i>	<i>celata</i>	Warbler	-	-	0/3	-	-	0/3	-
			Magnolia							
Parulinae	<i>Dendroica</i>	<i>magnolia</i>	Warbler	-	0/1	-	-	0/1	0/2	-
			Antillean							
Trochilidae	<i>Orthorhyncus</i>	<i>cristatus</i>	Crested Hummingbird	0/2	-	-	-	-	0/2	-
			Antillean							
Thraupinae	<i>Euphonia</i>	<i>musica</i>	Euphonia	0/2	-	-	-	-	0/2	-

Taxon	Genus	Species	Common name	Oct 1993	Jan 2001	June 2001	Oct 2001	Jan 2002	Total	Sequenced
<i>Parulinae</i>	<i>Dendroica</i>	<i>caerulescens</i>	Black-throated Blue Warbler	0/2	-	-	-	-	0/2	-
<i>Parulinae</i>	<i>Dendroica</i>	<i>angelae</i>	Elfin-woods Warbler	0/2	-	-	-	-	0/2	-
<i>Icterinae</i>	<i>Quiscalus</i>	<i>niger</i>	Greater Antillean Grackle	0/2	-	-	-	-	0/2	-
<i>Icterinae</i>	<i>Icterus</i>	<i>icterus</i>	Tropical Prothonotary Warbler	0/2	-	-	-	-	0/2	-
<i>Parulinae</i>	<i>Protonotaria</i>	<i>citrea</i>	Prothonotary Warbler	-	0/1	0/1	-	-	0/2	-
<i>Estrilidae</i>	<i>Lonchura</i>	<i>cucullata</i>	Bronze Mannikin	-	-	-	-	0/2	0/2	-
<i>Parulinae</i>	<i>Oporornis</i>	<i>formosus</i>	Kentucky Warbler	0/1	-	-	-	-	0/1	-
<i>Falconidae</i>	<i>Falco</i>	<i>sparverius</i>	American Kestrel	-	-	-	0/1	-	0/1	-
<i>Parulinae</i>	<i>Oporornis</i>	<i>agilis</i>	Connecticut Warbler	-	-	-	0/1	-	0/1	-
<i>Parulinae</i>	<i>Limnothlypis</i>	<i>swainsonii</i>	Swainson's Warbler	-	0/1	-	-	-	0/1	-
<i>Falconidae</i>	<i>Falco</i>	<i>columbarius</i>	Merlin	-	-	-	-	0/1	0/1	-
<i>Estrilidae</i>	<i>Lonchura</i>	<i>malabarica</i>	Warbling Silverbill	-	-	-	-	0/1	0/1	-
<i>Caprimulgidae</i>	<i>Caprimulgus</i>	<i>noctitherus</i>	Puerto Rican Nightjar	-	-	0/1	-	-	0/1	-
<i>Tyrannidae</i>	<i>Elaenia</i>	<i>portoricensis</i>	Puerto Rican Elaenia	-	-	0/1	-	-	0/1	-
				<b>64/302</b>	<b>88/257</b>	<b>74/419</b>	<b>62/337</b>	<b>69/428</b>	<b>357/1743</b>	<b>205/357</b>