

SUPPLEMENTARY MATERIAL

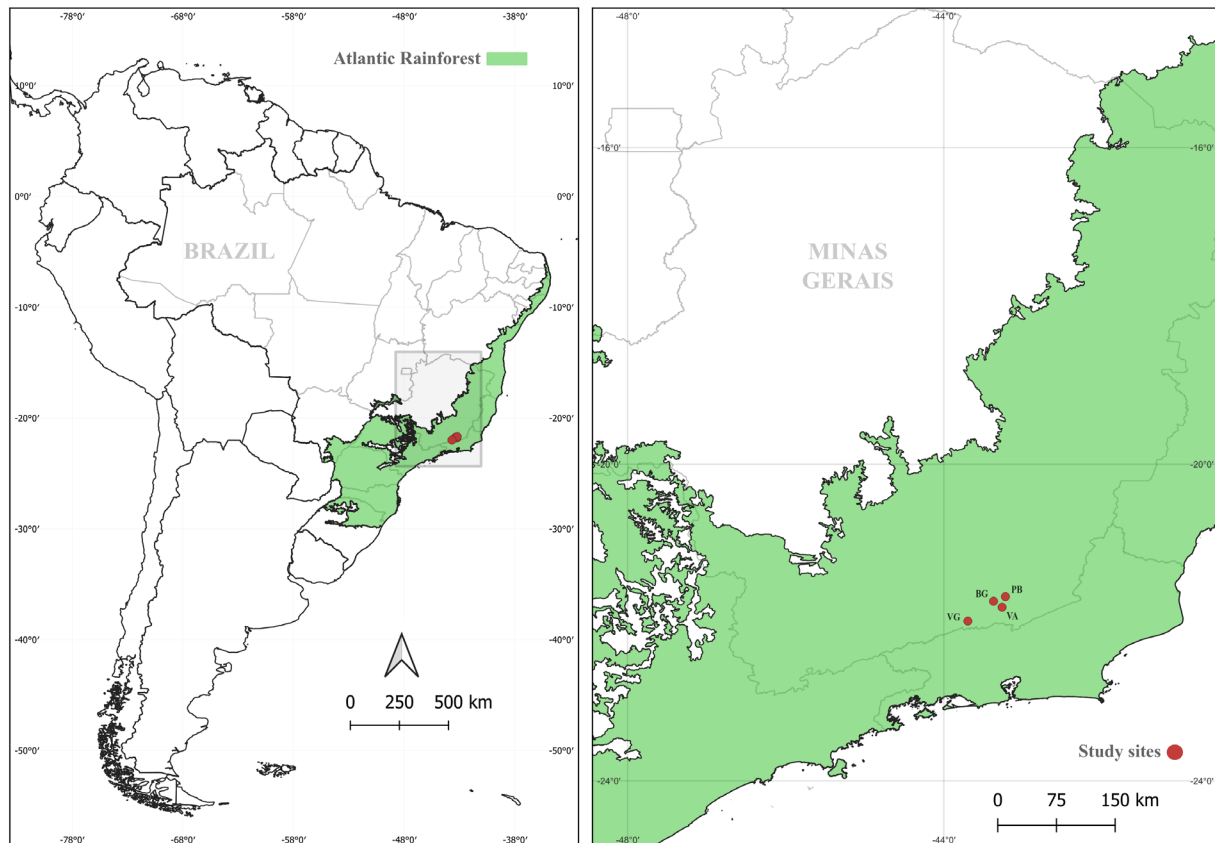
Table SI. Table listing the bird host species sampled and their corresponding avian malaria parasite infections. The mean prevalence of *Plasmodium* recorded was 12.28%. The average parasitemia found was 0.03%.

Family and species of hosts	Sampled	Positive*
Dendrocolaptidae Gray, 1840	96	14
<i>Dendrocincla turdina</i> Rigway, 1911	3	1
<i>Dendrocolaptes platyrostris</i> Gray, 1840	1	–
<i>Lepidocolaptes angustirostris</i> Gray, 1840	3	1
<i>Lepidocolaptes squamatus</i> Gray, 1840	6	1
<i>Sittasomus griseicapillus</i> Gray, 1840	51	3
<i>Xiphocolaptes albicollis</i> Veillot, 1818	2	2
<i>Xiphorhynchus fuscus</i> Gray, 1840	30	6
Furnariidae Gray, 1840	67	6
<i>Anabazenops fuscus</i> Veillot, 1816	2	–
<i>Certhiaxis cinnamomeus</i> (Gmelin, 1788)	2	–
<i>Cranioleuca pallida</i> Wied, 1831	4	1
<i>Furnarius figulus</i> (Lichtenstein, 1823)	4	1
<i>Furnarius rufus</i> Gray, 1840	11	–
<i>Lochmias nematura</i> Gray, 1840	3	1
<i>Phacellodomus erythrophthalmus</i> (Wied, 1821)	1	–
<i>Phacellodomus rufifrons</i> (Wied, 1821)	4	–
<i>Philydor rufum</i> (Veillot, 1818)	5	1
<i>Synallaxis albescens</i> Temminck, 1823	2	–
<i>Synallaxis ruficapilla</i> Veillot, 1819	18	1
<i>Synallaxis spixi</i> Sclater, 1856	11	1
Scleruridae Swainson, 1827	3	–
<i>Sclerurus scansor</i> Swainson, 1827	3	–
Xenopidae Bonaparte, 1854	5	1
<i>Xenops rutilans</i> Temminck, 1821	5	1
Total	171	21

*In microscopic analyses of blood smears.

Table SII. Geographic coordinates and environmental information for the collection sites of wild bird samples in Southeastern Brazil.

Collection location	Geographic coordinates	Altitude (m)	Average annual temperature	Average annual precipitation	N° of birds sampled (positive)
Juiz de Fora			20,3° C	1,449 mm	
Botanical Garden	21° 43' 50.0" S 43° 22' 15.4" W	724			124 (14)
Vista Alegre	21° 48' 23.0" S 43° 15' 45.7" W	494			9 (2)
Chácara Paraíso da Barra	21° 40' 18.2" S 43° 13' 14.2" W	799	21,2° C	1,440 mm	14 (2)
Santa Bárbara do Monte Verde			20,1° C	1,573 mm	
Volta Grande	21° 58' 50.8" S 43° 41' 44.4" W	821			24 (3)

**Figure S1.** Location of bird sampling areas in present study. All sites are situated in Atlantic Forest biome in Brazilian Southeast region. The green color indicates the historic boundaries of the Atlantic Forest. The study sites are pointed in red: Botanical Garden of Federal University of Juiz de fora (BG); Vista Alegre (VA); Paraíso da Barra (PB); Volta Grande (VG).