

**Table 1** Avifauna from the Maromizaha rainforest in Madagascar. Prevalence and molecular ID of haemosporidian parasites in avian hosts.

Order	Family	Host species	N	P positive N (%)	H positive N (%)	L positive N (%)	total positive N (%)	Lineages detected
<b>Passeriformes</b>	Acrocephalidae	Madagascar Brush Warbler ( <i>Nesillas typica</i> )	61	15 (25)	19 (31)	1 (2)	35 (57)	GRW04b, GRW09b, FOUHAD03, HYPMA01, NETYP01/03, ACNEW01, COLL7, FOMAD01
		Madagascar Swamp Warbler ( <i>Acrocephalus newtoni</i> )	3	3 (100)	1 (33)	0	3 (100)	GRW09b, FOUHAD03, GRW06, ACNEW02
	Bernieridae	Grey-crowned Greenbul ( <i>Xanthomixis cinereiceps</i> )	16	4 (25)	2 (13)	0	6 (38)	GRW04b, BERZOS02
		Long-billed Greenbul ( <i>Bernieria madagascariensis</i> )	31	6 (19)	3 (10)	2 (6)	10 (32)	GRW09b, FOUHAD03, BUL07, BERMAD02/03, BERZOS01, FOMAD01
		Spectacled Greenbul ( <i>Xanthomixis zosterops</i> )	42	15 (36)	8 (19)	0	23 (55)	GRW04b, FOUHAD03, HYPMA01, BERZOS01-03
			Wedge-tailed Jery ( <i>Hartertula flavoviridis</i> )	2	0	0	0	-
			White-throated Oxylabes ( <i>Oxylabes madagascariensis</i> )	11	1 (9)	0	1 (9)	OXYMAD01, FOMAD01
	Campephagidae	Madagascar/Ashy Cuckooshrike ( <i>Coracina cinerea</i> )	2	0	0	0	0	-
	Cisticolidae	Common Jery ( <i>Neomixis tenella</i> )	1	0	1 (100)	0	1 (100)	NEBRU02
		Madagascar Cisticola ( <i>Cisticola cherina</i> )	7	3 (43)	0	0	3 (43)	SYBOR11, WW4
		Stripe-throated Jery ( <i>Neomixis striatigula</i> )	1	1 (100)	0	0	1 (100)	CINCOQ01b
	Dicruridae	Crested Drongo ( <i>Dicrurus forficatus</i> )	7	0	0	0	0	-
	Estrildidae	Madagascar Mannikin ( <i>Lepidopygia nana</i> )	4	0	0	0	0	-
	Hirundinidae	Brown-throated Sand Martin ( <i>Riparia paludicola</i> )	2	0	0	0	0	-
		Mascarene Martin ( <i>Phedina borbonica</i> )	3	1 (33)	0	0	1 (33)	GRW09b
	Monarchidae	Madagascar Paradise Flycatcher ( <i>Terpsiphone mutata</i> )	33	2 (6)	0	0	2 (6)	TERMUT01
	Motacillidae	Madagascar Wagtail ( <i>Motacilla flaviventris</i> )	5	1 (20)	0	1 (20)	2 (40)	GRW09B, MOFLA01
	Muscicapidae	Madagascar Magpie Robin ( <i>Copsychus albospectularis</i> )	37	10 (27)	11 (30)	0	21 (57)	GRW04b, FOUHAD03, COPALB02, TERMUT01, SFC3

	Mountain Rock Thrush ( <i>Monticola sharpei</i> )	5	1 (20)	2 (40)	0	3 (60)	GRW04b, MONSHA01
	African Stonechat ( <i>Saxicola torquatus</i> )	46	18 (39)	0	0	18 (39)	GRW04b, GRW09b, FOUHAD03, SATOR01
Nectariniidae	Madagascar Green Sunbird ( <i>Cinnyris notatus</i> )	13	3 (23)	7 (54)	0	9 (69)	COSUN2, CINCOQ01b, NENOT04a/05
	Souimanga Sunbird ( <i>Cinnyris sovimanga</i> )	38	4 (11)	22 (58)	1 (3)	27 (71)	GRW09b, FOUHAD03, CINCOQ01a, NENOT04b, NESOU02
Philepittidae	Velvet Asity ( <i>Philepitta castanea</i> )	39	6 (15)	1 (3)	4 (10)	11 (28)	GRW04b, GRW09a/b, ZOSMAD01b, HYPMA05, PHICA01
	Common Sunbird-Asity ( <i>Neodrepanis coruscans</i> )	8	0	0	1 (13)	1 (13)	HYPMA05
Ploceidae	Forest Fody ( <i>Foudia omissa</i> )	232	86 (37)	60 (26)	8 (3)	151 (65)	GRW04a/b, COLL7, WW3, GRW09b, COLL4A, FOUHAD02a/b/03, FOMAD01/02, BERMAD02, NESOU01, RBQ11b/c, FOUOM01, HYPMA04/05, NEWAM03
	Nelicourvi Weaver ( <i>Ploceus nelicourvi</i> )	45	34 (76)	4 (9)	0	38 (84)	GRW04b, GRW09b, FOUHAD03, NESOU01, PLOSAK01, PLONE01
	Madagascar Fody ( <i>Foudia madagascariensis</i> )	50	20 (40)	11 (22)	0	28 (56)	GRW04b, COLL7, GRW09b, FOUHAD02b/03, FOMAD02, RBQ11a/c
Pycnonotidae	Madagascar Bulbul ( <i>Hypsipetes madagascariensis</i> )	98	38 (39)	17 (17)	22 (22)	69 (70)	GRW04b, GRW09b, BUL07, HYPMA01-05, NESOU01, ZOSMAD01a, BUL2, FOMAD01
Sturnidae	Madagascar Starling ( <i>Hartlaubius auratus</i> )	4	2 (50)	0	1 (25)	3 (75)	GRW09b, COLL4b, RECOB3
	Common Myna ( <i>Acridotheres tristis</i> )	1	0	0	0	0	-
Vangidae	Madagascar Blue Vanga ( <i>Cyanolanius madagascarinus</i> )	4	1 (25)	1 (25)	0	2 (50)	FOUHAD03, CYMAD01
	Chabert's Vanga ( <i>Leptopterus chabert</i> )	2	0	2 (100)	0	2 (100)	LEPCHA01
	Crossley's Vanga ( <i>Mystacornis crossleyi</i> )	5	0	1 (20)	0	1 (20)	RBQ11c
	Common Newtonia ( <i>Newtonia brunneicauda</i> )	9	1 (11)	5 (55)	0	6 (67)	NEWAM01, NEBRU01-05

		Dark Newtonia ( <i>Newtonia amphichroa</i> )	22	7 (32)	6 (27)	0	13 (59)	BERMAD02, NEWAM01/04/05
		Hook-billed Vanga ( <i>Vanga curvirostris</i> )	2	0	1 (50)	1 (50)	2 (100)	VANCU01/02
		Red-tailed Vanga ( <i>Calicalicus madagascariensis</i> )	11	1 (9)	0	2 (18)	3 (27)	BERZOS01, CALMAD01/02
		Tylas Vanga ( <i>Tylas eduardi</i> )	6	3 (50)	2 (33)	0	5 (83)	GRW04b, TYLED01
		Ward's Flycatcher ( <i>Pseudobias wardi</i> )	3	1 (33)	1 (33)	0	2 (67)	GRW04b, PSEUWA01
	Zosteropidae	Madagascar White-Eye ( <i>Zosterops maderaspatanus</i> )	118	39 (33)	74 (63)	10 (8)	104 (88)	GRW04a/b, GRW09b, HYPMA01/04, ZOSMAD01b, NETYP03, ZOSMAD02, ZOSSTE01, ZOMAD01/05
<b>Accipitriformes</b>	Accipitridae	France's Sparrowhawk ( <i>Accipiter francesiae</i> )	1	0	0	1 (100)	1 (100)	ACCMAD01
		Madagascan Sparrowhawk ( <i>Accipiter madagascariensis</i> )	1	0	0	1 (100)	1 (100)	ACCMAD01
<b>Apodiformes</b>	Apodidae	Malagasy Spine-tailed Swift ( <i>Zoonavena grandidieri</i> )	3	0	0	0	0	-
<b>Caprimulgiformes</b>	Caprimulgidae	Madagascar Nightjar ( <i>Caprimulgus madagascariensis</i> )	1	0	0	0	0	-
<b>Columbiformes</b>	Columbidae	Madagascar Blue-Pigeon ( <i>Alectroenas madagascariensis</i> )	6	0	1 (17)	1 (17)	2 (33)	FOUMAD02b, ALMAD01
		Madagascar Turtle Dove ( <i>Nesoenas picturatus</i> )	3	0	1 (33)	0	1 (33)	NESOPI01
<b>Coraciiformes</b>	Alcedinidae	Madagascar pygmy Kingfisher ( <i>Corythornis madagascariensis</i> )	8	1 (13)	0	0	1 (13)	BUL07
		Madagascar Kingfisher ( <i>Corythornis vintsioides</i> )	4	0	0	0	0	-
	Brachypteraciidae	Pitta-like Ground Roller ( <i>Atelornis pittoides</i> )	1	0	1 (100)	0	1 (100)	ATEPIT01
		Rufous-headed Ground Roller ( <i>Atelornis crossleyi</i> )	2	0	2 (100)	0	2 (100)	ATECRO01
		Short-legged Ground Roller ( <i>Brachypteracias leptosomus</i> )	1	0	0	1 (100)		BRALEP01

<b>Cuculiformes</b>	Cuculidae	Blue Coua ( <i>Coua caerulea</i> )	1	0	0	0	0	-
		Madagascar/Lesser Cuckoo ( <i>Cuculus rochii</i> )	3	1 (33)	0	0	1 (33)	CUCRO01
		Red-fronted Coua ( <i>Coua reynaudii</i> )	2	0	1 (50)	0	1 (50)	COREY01
<b>Psittaciformes</b>	Psittaculidae	Lesser Vasa Parrot ( <i>Coracopsis nigra</i> )	1	1 (100)	0	0	1 (100)	FOMAD02