

Amphibian chytrid infection is influenced by rainfall seasonality and water availability

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Table S1. Geographic positions and location of each area sampled

Site Name	Coordinates (datum: WGS64)	Elevation (in meters)	Description of site
S1	22°27'15"S, 043°00'01"W	1120	Under the suspended bridge of “Trilha Suspensa” trail at Parque Nacional da Serra dos Órgãos, Teresópolis, RJ. Surrounded by tall trees. Floor covered of leaf litter.
S2	22°27'27"S, 042°59'56"W	1120	Second part of “Trilha Suspensa” trail at Parque Nacional da Serra dos Órgãos, Teresópolis, RJ. Surrounded by tall trees and bromeliads.
SI	22°27'05"S, 043°00'09"W	1120	“Pedra do Sino” trail at Parque Nacional da Serra dos Órgãos, Teresópolis, RJ. Bordered by streams.
MC	22°27'13"S, 042°59'27"W	1100	“Mozart Catão” trail at Parque Nacional da Serra dos Órgãos, Teresópolis, RJ. Surrounded by tall trees and bromeliads. Floor covered of leaf litter.
RF	22°27'23"S, 043°00'00"W	1200	“Rancho Frio” trail at Parque Nacional da Serra dos Órgãos, Teresópolis, RJ. Bordered by streams.
PIS	22°26'58"S, 042°59'18"W	1050	Artificial pond at Parque Nacional da Serra dos Órgãos, Teresópolis, RJ
LI	22°26'51"S, 042°59'27"W	1000	Artificial pond in the municipality of Teresópolis, RJ
VR	22°26'54"S, 042°56'50"W	1000	Parque Estadual dos Três picos, núcleo Vale da Revolta, Teresópolis, RJ. Bordered by streams.

Table S2. Frog specimens sampled during 2013 and 2014, with information on collection site, season (Dry/Wet), taxonomic name, habitat, type of development, infection load for the *Bd*⁺ samples, and specimens vouchers, when the specimen was collected. Negative samples are represented by a dash (-)

# Sample	Site	Season	Species	Habitat	Development	Load (<i>Bd</i> ⁺)	Voucher
SLFT 965	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 966	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 967	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	3.71	
SLFT 968	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	805.12	
SLFT 969	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 970	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 971	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 972	PIS	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 973	PIS	Wet	<i>Aplastodiscus arildae</i>	Aquatic	Indirect	2.81	
SLFT 974	PIS	Wet	<i>Aplastodiscus arildae</i>	Aquatic	Indirect	2.58	
SLFT 975	PIS	Wet	<i>Fritziana goeldii</i>	Terrestrial	Indirect	-	
SLFT 976	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 977	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 978	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	19.58	
SLFT 979	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 980	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 981	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	39.63	
SLFT 982	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	161.19	
SLFT 983	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 984	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	6.14	
SLFT 985	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	64.49	
SLFT 986	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 987	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 988	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	30.45	
SLFT 989	PIS	Wet	<i>Fritziana goeldii</i>	Terrestrial	Indirect	9.57	
SLFT 990	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 991	PIS	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	7.84	
SLFT 992	PIS	Wet	<i>Fritziana goeldii</i>	Terrestrial	Indirect	91.34	
SLFT 994	S1	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 995	S1	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	1.6	

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 1001	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1002	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	116.87	
SLFT 1003	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	660.16	
SLFT 1004	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1005	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1006	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	178.67	
SLFT 1007	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	9416.59	
SLFT 1008	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1009	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1010	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1011	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	44.32	
SLFT 1012	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1013	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1014	S2	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	24.69	
SLFT 1015	S2	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	2991.96	
SLFT 1016	S2	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 1017	S2	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 1018	S2	Wet	<i>Haddadus binotatus</i>	Terrestrial	Direct	-	
SLFT 1019	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	238.86	
SLFT 996	S1	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	10.61	
SLFT 997	S1	Wet	<i>Bokermannohyla circumdata</i>	Aquatic	Indirect	-	
SLFT 998	S1	Wet	<i>Bokermannohyla circumdata</i>	Aquatic	Indirect	-	
SLFT 1024	MC	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	-	
SLFT 1020	S2	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	3.16	
SLFT 1021	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1022	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1023	S2	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 1025	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	3.11	
SLFT 1026	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1027	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	95.85	
SLFT 1028	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	89.9	
SLFT 1029	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1030	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	529.99	
SLFT 1031	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	229.73	

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 1032	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1033	LI	Wet	<i>Dendropsophus minutus</i>	Aquatic	Indirect	-	
SLFT 1034	LI	Wet	<i>Dendropsophus minutus</i>	Aquatic	Indirect	-	
SLFT 1035	LI	Wet	<i>Dendropsophus minutus</i>	Aquatic	Indirect	2139.04	
SLFT 1036	LI	Wet	<i>Dendropsophus minutus</i>	Aquatic	Indirect	-	
SLFT 1037	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 1038	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1039	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1040	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 1041	LI	Wet	<i>Boana faber</i>	Aquatic	Indirect	118.15	
SLFT 1042	LI	Wet	<i>Boana faber</i>	Aquatic	Indirect	1.74	
SLFT 1043	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1044	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	11.88	
SLFT 1045	LI	Wet	<i>Boana faber</i>	Aquatic	Indirect	211.61	
SLFT 1046	LI	Wet	<i>Boana faber</i>	Aquatic	Indirect	-	
SLFT 1047	LI	Wet	<i>Boana pardalis</i>	Aquatic	Indirect	-	
SLFT 1048	LI	Wet	<i>Rhinella icterica</i>	Terrestrial	Indirect	-	
SLFT 1049	LI	Wet	<i>Rhinella crucifer</i>	Terrestrial	Indirect	-	
SLFT 1050	LI	Wet	<i>Rhinella icterica</i>	Terrestrial	Indirect	31.98	
SLFT 1051	LI	Wet	<i>Dendropsophus minutus</i>	Aquatic	Indirect	-	
SLFT 1052	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	705.21	
SLFT 1053	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1054	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 1055	LI	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 1056	LI	Wet	<i>Rhinella crucifer</i>	Terrestrial	Indirect	4.47	
SLFT 1057	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	17.03	
SLFT 1058	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1059	LI	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	5.99	
SLFT 1060	LI	Wet	<i>Rhinella icterica</i>	Terrestrial	Indirect	2693.13	
SLFT 1062	S1	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 999	S1	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 1000	S1	Wet	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 1525	MC	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	370.45	
SLFT 1526	VR	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	ZUF RJ 14021

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 1527	VR	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	13.35	ZUFRJ 14022
SLFT 1528	VR	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	6.28	ZUFRJ 14023
SLFT 1529	VR	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	11.42	ZUFRJ 14024
SLFT 1530	VR	Wet	<i>Proceratophrys boiei</i>	Terrestrial	Indirect	38.58	ZUFRJ 14018
SLFT 1531	VR	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	7.28	ZUFRJ 14025
SLFT 1532	VR	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	15.55	ZUFRJ 14026
SLFT 1533	VR	Wet	<i>Boana polytaenia</i>	Aquatic	Indirect	-	ZUFRJ 14027
SLFT 1534	VR	Wet	<i>Boana faber</i>	Aquatic	Indirect	11.96	ZUFRJ 14020
SLFT 1535	VR	Wet	<i>Physalaemus signifer</i>	Terrestrial	Indirect	7.48	ZUFRJ 14019
SLFT 1536	SI	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 13987
SLFT 1537	SI	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	4.61	ZUFRJ 13988
SLFT 1538	SI	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 1539	SI	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	2.89	ZUFRJ 13989
SLFT 1540	SI	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	-	ZUFRJ 14005
SLFT 1541	SI	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	2.98	
SLFT 1542	SI	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	11.17	
SLFT 1543	SI	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	15.94	
SLFT 1544	SI	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	-	
SLFT 1545	SI	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	3.92	
SLFT 1546	S2	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	12.34	
SLFT 1547	S2	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 1548	SI	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	3966.38	ZUFRJ 13990
SLFT 1549	SI	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	-	ZUFRJ 13991
SLFT 1550	SI	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	18.42	
SLFT 1551	SI	Wet	<i>Ischnocnema holti</i>	Aquatic	Direct	7.64	ZUFRJ 13992
SLFT 1552	SI	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	16.13	ZUFRJ 13993
SLFT 1553	SI	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	28.65	
SLFT 1554	S1	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 1555	S1	Wet	<i>Bokermannohyla carvalhoi</i>	Aquatic	Indirect	14.29	
SLFT 1556	S1	Wet	<i>Fritziana ohausi</i>	Terrestrial	Indirect	6.23	
SLFT 1557	S1	Wet	<i>Ololygon albicans</i>	Aquatic	Indirect	4.41	
SLFT 1558	MC	Wet	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	8.9	ZUFRJ 13995
SLFT 1559	MC	Wet	<i>Cycloramphus eleutherodactylus</i>	Terrestrial	Indirect	17.82	ZUFRJ 13996
SLFT 1560	MC	Wet	<i>Haddadus binotatus</i>	Terrestrial	Direct	1228.25	

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 1561	LI	Wet	<i>Dendropsophus minutis</i>	Aquatic	Indirect	11.3767	ZUFRJ 14003
SLFT 1562	MC	Wet	<i>Haddadus binotatus</i>	Terrestrial	Direct	1186.74	ZUFRJ 13997
SLFT 1563	MC	Wet	<i>Thoropa miliaris</i>	Aquatic	Indirect	-	ZUFRJ 13994
SLFT 1564	MC	Wet	<i>Thoropa miliaris</i>	Aquatic	Indirect	11.8225	
SLFT 1565	SI	Wet	<i>Bokermannohyla circumdata</i>	Aquatic	Indirect	18.78	
SLFT 1566	S1	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	-	
SLFT 1567	S1	Wet	<i>Scinax hayii</i>	Aquatic	Indirect	9.82	ZUFRJ 13985
SLFT 1568	S1	Wet	<i>Fritziana ohausi</i>	Terrestrial	Indirect	16.04	ZUFRJ 13984
SLFT 1569	S1	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	11.39	
SLFT 1570	S1	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 1571	S1	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 1572	S1	Wet	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	1657.16	
SLFT 1573	S1	Wet	<i>Bokermannohyla carvalhoi</i>	Aquatic	Indirect	27.23	
SLFT 1574	S1	Wet	<i>Bokermannohyla carvalhoi</i>	Aquatic	Indirect	-	
SLFT 1575	S1	Wet	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	ZUFRJ 13986
SLFT 1576	MC	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 1577	MC	Wet	<i>Bokermannohyla circumdata</i>	Aquatic	Indirect	-	ZUFRJ 13998
SLFT 1578	MC	Wet	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	40.45	ZUFRJ 13999
SLFT 1579	MC	Wet	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 1580	MC	Wet	<i>Ololygon albicans</i>	Aquatic	Indirect	6.51	ZUFRJ 14000
SLFT 1581	MC	Wet	<i>Cycloramphus eleutherodactylus</i>	Terrestrial	Indirect	-	ZUFRJ 14001
SLFT 1582	MC	Wet	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	-	
SLFT 1583	MC	Wet	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	ZUFRJ 14002
SLFT 1584	MC	Wet	<i>Ololygon v-signata</i>	Aquatic	Indirect	-	
SLFT 1585	MC	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	4.09	
SLFT 1586	MC	Wet	<i>Fritziana fissilis</i>	Terrestrial	Indirect	-	ZUFRJ 14008
SLFT 1593	SI	Dry	<i>Ischnocnema holti</i>	Aquatic	Direct	-	
SLFT 1594	SI	Dry	<i>Ischnocnema holti</i>	Aquatic	Direct	10.71	
SLFT 1595	SI	Dry	<i>Ischnocnema holti</i>	Aquatic	Direct	12.12	ZUFRJ 14097
SLFT 1596	SI	Dry	<i>Ischnocnema holti</i>	Aquatic	Direct	-	ZUFRJ 14096
SLFT 1597	SI	Dry	<i>Ischnocnema holti</i>	Aquatic	Direct	-	
SLFT 1598	SI	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 1599	SI	Dry	<i>Bokermannohyla carvalhoi</i>	Aquatic	Indirect	-	
SLFT 1600	SI	Dry	<i>Fritziana ohausi</i>	Terrestrial	Indirect	24.24	ZUFRJ 14094

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 1601	SI	Dry	<i>Ischnocnema holti</i>	Aquatic	Direct	-	ZUFRJ 14095
SLFT 1602	SI	Dry	<i>Ischnocnema holti</i>	Aquatic	Direct	-	ZUFRJ 14098
SLFT 1603	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	12.17	
SLFT 1604	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1605	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1606	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1607	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1608	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1609	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1610	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1611	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1612	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 1613	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	3.38	
SLFT 2158	S2	Wet	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	ZUFRJ 14481
SLFT 2159	RF	Wet	<i>Haddadus binotatus</i>	Terrestrial	Direct	155.68	
SLFT 2160	RF	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14486
SLFT 2161	RF	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 2162	RF	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 2163	RF	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	ZUFRJ 14481
SLFT 2164	RF	Wet	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 2165	RF	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14485
SLFT 2166	RF	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	5898.47	
SLFT 2167	RF	Wet	<i>Aplastodiscus arildae</i>	Aquatic	Indirect	-	
SLFT 2168	RF	Wet	<i>Dendrophryniscus organensis</i>	Terrestrial	Indirect	-	
SLFT 2169	RF	Wet	<i>Zachaenus parvulus</i>	Terrestrial	Indirect	-	
SLFT 2170	RF	Wet	<i>Brachycephalus didactylus</i>	Terrestrial	Direct	-	
SLFT 2171	RF	Wet	<i>Zachaenus parvulus</i>	Terrestrial	Indirect	-	
SLFT 2172	RF	Wet	<i>Zachaenus parvulus</i>	Terrestrial	Indirect	-	ZUFRJ 14490
SLFT 2173	RF	Wet	<i>Zachaenus parvulus</i>	Terrestrial	Indirect	-	ZUFRJ 14487
SLFT 2174	RF	Wet	<i>Zachaenus parvulus</i>	Terrestrial	Indirect	-	ZUFRJ 14488
SLFT 2175	RF	Wet	<i>Zachaenus parvulus</i>	Terrestrial	Indirect	-	ZUFRJ 14489
SLFT 2176	RF	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 2177	RF	Wet	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 2178	RF	Wet	<i>Zachaenus parvulus</i>	Terrestrial	Indirect	-	

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 3055	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	ZUFRJ 14887
SLFT 3056	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3057	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3058	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3059	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3060	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3061	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3062	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3063	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3064	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3065	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3066	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3067	PIS	Dry	<i>Fritziana goeldii</i>	Terrestrial	Indirect	-	
SLFT 3068	PIS	Dry	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 3069	PIS	Dry	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 3070	PIS	Dry	<i>Scinax hayii</i>	Aquatic	Indirect	-	
SLFT 3071	PIS	Dry	<i>Fritziana goeldii</i>	Terrestrial	Indirect	29.7	
SLFT 3072	PIS	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	-	
SLFT 3073	PIS	Dry	<i>Ololygon v-signata</i>	Aquatic	Indirect	26.55	
SLFT 3074	PIS	Dry	<i>Rhinella icterica</i>	Terrestrial	Indirect	-	
SLFT 3075	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 3076	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 3077	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 3078	VR	Dry	<i>Boana polytaenia</i>	Aquatic	Indirect	-	
SLFT 3079	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	
SLFT 3080	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	ZUFRJ 14888
SLFT 3081	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	51312.92	
SLFT 3082	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	
SLFT 3083	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	
SLFT 3084	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	ZUFRJ 14889
SLFT 3085	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3086	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	21.96	
SLFT 3087	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	17494.86	
SLFT 3088	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	10.2	ZUFRJ 14892

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 3089	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3090	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3091	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	38998.98	
SLFT 3092	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	9.14	
SLFT 3093	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3094	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3095	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14893
SLFT 3096	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3097	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3098	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3099	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14894
SLFT 3100	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3101	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3102	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3103	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3104	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3105	S2	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3106	S2	Dry	<i>Proceratophrys appendiculata</i>	Terrestrial	Indirect	-	ZUFRJ 14891
SLFT 3107	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	4.84	
SLFT 3108	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	
SLFT 3109	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	
SLFT 3110	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	23.78	
SLFT 3111	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	5.16	
SLFT 3112	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	
SLFT 3113	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	14.2	
SLFT 3114	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	775.46	
SLFT 3115	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	
SLFT 3116	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	87.18	
SLFT 3117	VR	Dry	<i>Ololygon flavoguttata</i>	Aquatic	Indirect	-	ZUFRJ 14890
SLFT 3118	MC	Dry	<i>Bokermannohyla circumdata</i>	Aquatic	Indirect	-	
SLFT 3119	MC	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3120	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	503.91	
SLFT 3121	MC	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3122	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 3123	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	5.42	ZUFRJ 14897
SLFT 3124	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3125	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3126	MC	Dry	<i>Haddadus binotatus</i>	Terrestrial	Direct	-	
SLFT 3127	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3128	MC	Dry	<i>Haddadus binotatus</i>	Terrestrial	Direct	1.81	
SLFT 3129	MC	Dry	<i>Haddadus binotatus</i>	Terrestrial	Direct	-	
SLFT 3130	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14898
SLFT 3131	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3132	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	12.63	
SLFT 3133	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3134	MC	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3135	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3136	MC	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3137	MC	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	ZUFRJ 14899
SLFT 3138	S1	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3139	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3140	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3141	RF	Dry	<i>Ischnocnema aff. guentheri</i>	Terrestrial	Direct	-	
SLFT 3142	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3143	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3144	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3145	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3146	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	1191.46	
SLFT 3147	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3148	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3149	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14900
SLFT 3150	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3151	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3152	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3153	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3154	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3155	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14901
SLFT 3156	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 3157	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	241.82	ZUFRJ 14902
SLFT 3158	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14903
SLFT 3159	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14904
SLFT 3160	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3161	RF	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3162	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3163	S1	Dry	<i>Ischnocnema</i> aff. <i>guentheri</i>	Terrestrial	Direct	-	
SLFT 3164	S1	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3165	S1	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3166	S1	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3167	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3168	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14905
SLFT 3169	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3170	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3171	SI	Dry	<i>Ololygon albicans</i>	Aquatic	Indirect	1.26	
SLFT 3172	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3173	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3174	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	2.46	
SLFT 3175	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3176	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3177	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3178	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3179	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3180	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3181	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3182	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3183	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3184	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	374.19	
SLFT 3185	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3186	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3187	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3188	SI	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	1.25	
SLFT 3189	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3190	S1	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	

# Sample	Site	Season	Species	Habitat	Development	Load (Bd^+)	Voucher
SLFT 3191	S1	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3192	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3193	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14895
SLFT 3194	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3195	S1	Dry	<i>Brachycephalus ephippium</i>	Terrestrial	Direct	-	
SLFT 3196	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3197	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3198	S1	Dry	<i>Ischnocnema erythromera</i>	Terrestrial	Direct	-	
SLFT 3199	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3200	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3201	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	
SLFT 3202	S1	Dry	<i>Ischnocnema parva</i>	Terrestrial	Direct	-	ZUFRJ 14896

Table S3: Effect of Season (wet vs. dry), Habitat (aquatic vs. terrestrial) and Development (direct vs. indirect) on *Bd* infection resulting from the GLM analyses. Logistic regression used *Bd* presence as dependent variable and was coded as 0 when *Bd* absent, and 1 when present. Quasi-poisson regression for infection burden on *Bd*⁺ frogs used infection load as dependent variable.

	Variable	β	se	T	Prob.	Odds	2.5%	97.5%
Logistic	Season(Wet)	1.28	0.26	4.9	P<0.001	3.6	0.7740	1.8071
	Habitat(terrestrial)	-0.01	0.36	-0.2	P=0.98	1.0	- 0.7171	0.7039
	Development(indirect)	0.27	0.38	0.7	P=0.46	1.3	- 0.4652	1.0134
Quasi-poisson	Season(Wet)	-2.03	0.72	-2.8	P=0.005	0.13	- 3.6472	-0.7268
	Habitat(terrestrial)	-0.07	0.84	-0.1	P=0.9	0.94	-1.6729	1.5973
	Development(indirect)	-0.49	0.85	-0.6	P=0.6	0.61	-2.1995	1.0934