

CAPITULO II - APÊNDICE B

Table B1. Mantel correlations of fCORT levels dissimilarities with geogr distances in 15 survey sites of the Balbina reservoir, Amazonas state, E

Specie	r	P
<i>Myrmotherula axillaris</i>	0.17	0.06
<i>Dendrocincla fuliginosa</i>	-0.07	0.62
<i>Pseudopipra pipra</i>	-0.04	0.78
<i>Glyphorhynchus spirurus</i>	-0.01	0.45
<i>Hypocnemis cantator</i>	-0.04	0.69
<i>Percnostola subcristata</i>	-0.09	0.66
<i>Turdus albicollis</i>	-0.03	0.51
<i>Xiphorhynchus pardalotus</i>	-0.07	0.80

Table B2. Table containing the information to all individuals sampled (N=265) in all areas (N=15) of the Balbina reservoir, Amazonas state, Brazil. In island size, CF is representing the Continuous Forest site (control area).

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
32.92	100	<i>Myrmotherula axillaris</i>	July	5.70	18.47
32.92	100	<i>Myrmotherula axillaris</i>	July	5.90	18.94
32.92	100	<i>Myrmotherula axillaris</i>	July	5.70	20.95
32.92	100	<i>Myrmotherula axillaris</i>	July	4.20	26.21
32.92	100	<i>Myrmotherula axillaris</i>	July	5.40	29.34
53.30	100	<i>Myrmotherula axillaris</i>	September	6.10	10.29
53.30	100	<i>Myrmotherula axillaris</i>	September	5.90	16.25
53.30	109	<i>Myrmotherula axillaris</i>	September	6.20	18.77
53.30	109	<i>Myrmotherula axillaris</i>	September	5.90	23.29
53.30	109	<i>Myrmotherula axillaris</i>	September	5.40	23.66
53.30	109	<i>Myrmotherula axillaris</i>	September	5.90	23.66
72.10	100	<i>Myrmotherula axillaris</i>	April	6.10	12.45
72.10	100	<i>Myrmotherula axillaris</i>	July	4.00	14.21
72.10	109	<i>Myrmotherula axillaris</i>	April	7.00	14.26
72.10	100	<i>Myrmotherula axillaris</i>	April	5.80	14.38
72.10	100	<i>Myrmotherula axillaris</i>	April	5.80	15.58
72.10	100	<i>Myrmotherula axillaris</i>	April	6.20	17.45
72.10	109	<i>Myrmotherula axillaris</i>	July	6.60	19.57
72.10	117	<i>Myrmotherula axillaris</i>	July	7.10	24.97
193.00	100	<i>Myrmotherula axillaris</i>	July	4.80	13.17
193.00	100	<i>Myrmotherula axillaris</i>	July	4.40	33.54
218.74	100	<i>Myrmotherula axillaris</i>	April	6.30	14.04
218.74	100	<i>Myrmotherula axillaris</i>	April	4.60	16.21
218.74	100	<i>Myrmotherula axillaris</i>	April	5.80	19.19
218.74	109	<i>Myrmotherula axillaris</i>	July	5.70	21.39
471.00	100	<i>Myrmotherula axillaris</i>	April	5.50	13.60

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
487.50	100	<i>Myrmotherula axillaris</i>	March	5.80	15.09
487.50	100	<i>Myrmotherula axillaris</i>	March	6.00	20.37
637.49	99	<i>Myrmotherula axillaris</i>	July	6.00	9.81
637.49	100	<i>Myrmotherula axillaris</i>	April	6.40	16.02
637.49	100	<i>Myrmotherula axillaris</i>	April	6.00	17.75
637.49	100	<i>Myrmotherula axillaris</i>	April	6.00	19.59
637.49	100	<i>Myrmotherula axillaris</i>	July	4.40	25.36
673.35	100	<i>Myrmotherula axillaris</i>	June	6.20	8.73
673.35	100	<i>Myrmotherula axillaris</i>	June	6.30	14.82
673.35	100	<i>Myrmotherula axillaris</i>	June	6.10	16.65
673.35	100	<i>Myrmotherula axillaris</i>	August	6.00	23.76
17.45	99	<i>Dendrocincla fuliginosa</i>	September	51.70	3.46
32.92	109	<i>Dendrocincla fuliginosa</i>	July	53.70	2.81
53.30	99	<i>Dendrocincla fuliginosa</i>	September	53.50	2.39
72.10	99	<i>Dendrocincla fuliginosa</i>	July	52.10	3.02
78.44	99	<i>Dendrocincla fuliginosa</i>	July	53.10	2.10
78.44	109	<i>Dendrocincla fuliginosa</i>	July	54.00	2.33
78.44	99	<i>Dendrocincla fuliginosa</i>	July	53.40	3.82
98.84	99	<i>Dendrocincla fuliginosa</i>	September	52.80	2.36
98.84	99	<i>Dendrocincla fuliginosa</i>	May	52.40	2.90
471.00	99	<i>Dendrocincla fuliginosa</i>	April	53.00	3.51
471.00	112	<i>Dendrocincla fuliginosa</i>	April	53.70	6.90
487.50	99	<i>Dendrocincla fuliginosa</i>	March	53.40	3.80
637.49	99	<i>Dendrocincla fuliginosa</i>	July	52.20	3.22
673.35	99	<i>Dendrocincla fuliginosa</i>	June	53.60	3.34
673.35	99	<i>Dendrocincla fuliginosa</i>	August	53.90	3.70
673.35	99	<i>Dendrocincla fuliginosa</i>	August	53.30	5.00
673.35	92	<i>Dendrocincla fuliginosa</i>	June	52.70	5.20
CF2	99	<i>Dendrocincla fuliginosa</i>	May	53.10	1.60
CF2	97	<i>Dendrocincla fuliginosa</i>	August	53.40	3.75
CF1	99	<i>Dendrocincla fuliginosa</i>	March	53.10	9.41
13.59	110	<i>Pseudopipra pipra</i>	September	12.60	6.34

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
13.59	110	<i>Pseudopipra pipra</i>	September	10.40	7.77
13.59	110	<i>Pseudopipra pipra</i>	September	11.80	8.05
13.59	110	<i>Pseudopipra pipra</i>	September	11.20	9.04
13.59	117	<i>Pseudopipra pipra</i>	September	11.60	10.93
13.59	117	<i>Pseudopipra pipra</i>	September	12.10	14.16
17.45	110	<i>Pseudopipra pipra</i>	July	11.00	6.75
17.45	110	<i>Pseudopipra pipra</i>	September	11.50	7.20
17.45	109	<i>Pseudopipra pipra</i>	July	10.90	9.88
17.45	112	<i>Pseudopipra pipra</i>	June	10.20	19.37
32.92	99	<i>Pseudopipra pipra</i>	July	9.50	5.27
32.92	109	<i>Pseudopipra pipra</i>	July	13.30	5.39
32.92	109	<i>Pseudopipra pipra</i>	July	11.00	7.32
32.92	100	<i>Pseudopipra pipra</i>	June	9.50	8.44
32.92	109	<i>Pseudopipra pipra</i>	July	10.70	8.53
53.30	117	<i>Pseudopipra pipra</i>	September	11.50	17.01
72.10	110	<i>Pseudopipra pipra</i>	July	12.10	7.96
72.10	110	<i>Pseudopipra pipra</i>	July	12.40	9.64
78.44	110	<i>Pseudopipra pipra</i>	July	10.30	5.54
78.44	109	<i>Pseudopipra pipra</i>	July	10.70	6.84
78.44	117	<i>Pseudopipra pipra</i>	July	10.30	14.77
98.84	110	<i>Pseudopipra pipra</i>	September	13.10	4.03
98.84	110	<i>Pseudopipra pipra</i>	September	11.80	5.19
98.84	110	<i>Pseudopipra pipra</i>	September	9.40	21.38
193.00	110	<i>Pseudopipra pipra</i>	July	11.30	11.78
193.00	110	<i>Pseudopipra pipra</i>	July	11.10	5.29
193.00	100	<i>Pseudopipra pipra</i>	July	9.80	9.51
193.00	117	<i>Pseudopipra pipra</i>	July	12.30	12.19
193.00	117	<i>Pseudopipra pipra</i>	July	11.30	14.26
218.74	110	<i>Pseudopipra pipra</i>	July	11.70	3.30
218.74	110	<i>Pseudopipra pipra</i>	April	10.30	5.43
218.74	110	<i>Pseudopipra pipra</i>	July	11.30	5.64
218.74	110	<i>Pseudopipra pipra</i>	July	11.90	7.16

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
218.74	117	<i>Pseudopipra pipra</i>	July	12.10	8.75
471.00	110	<i>Pseudopipra pipra</i>	July	11.80	7.55
471.00	117	<i>Pseudopipra pipra</i>	April	10.00	8.63
471.00	112	<i>Pseudopipra pipra</i>	April	12.00	15.27
487.50	110	<i>Pseudopipra pipra</i>	March	10.50	6.32
487.50	110	<i>Pseudopipra pipra</i>	March	9.50	6.53
487.50	110	<i>Pseudopipra pipra</i>	March	10.00	6.87
487.50	112	<i>Pseudopipra pipra</i>	March	12.20	15.03
487.50	112	<i>Pseudopipra pipra</i>	April	12.70	16.82
637.49	110	<i>Pseudopipra pipra</i>	April	10.60	3.89
637.49	110	<i>Pseudopipra pipra</i>	April	11.20	5.99
637.49	110	<i>Pseudopipra pipra</i>	July	11.80	10.17
637.49	117	<i>Pseudopipra pipra</i>	July	12.10	16.48
637.49	117	<i>Pseudopipra pipra</i>	July	11.14	18.60
673.35	110	<i>Pseudopipra pipra</i>	June	10.20	6.37
673.35	110	<i>Pseudopipra pipra</i>	August	11.40	7.53
673.35	112	<i>Pseudopipra pipra</i>	June	11.70	15.93
673.35	110	<i>Pseudopipra pipra</i>	August	11.80	16.55
CF2	109	<i>Pseudopipra pipra</i>	August	12.70	5.59
CF2	110	<i>Pseudopipra pipra</i>	August	12.40	7.53
CF2	110	<i>Pseudopipra pipra</i>	August	12.00	10.82
CF2	117	<i>Pseudopipra pipra</i>	May	10.10	11.76
CF2	112	<i>Pseudopipra pipra</i>	May	10.10	14.64
CF2	112	<i>Pseudopipra pipra</i>	May	9.30	17.20
CF2	110	<i>Pseudopipra pipra</i>	August	12.20	18.64
17.45	98	<i>Glyphorynchus spirurus</i>	July	21.40	3.93
17.45	97	<i>Glyphorynchus spirurus</i>	September	20.30	6.22
72.10	97	<i>Glyphorynchus spirurus</i>	July	20.30	5.65
78.44	97	<i>Glyphorynchus spirurus</i>	July	21.90	8.23
98.84	97	<i>Glyphorynchus spirurus</i>	September	21.70	5.41
98.84	97	<i>Glyphorynchus spirurus</i>	May	21.10	7.23
193.00	97	<i>Glyphorynchus spirurus</i>	July	20.80	5.13

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
193.00	97	<i>Glyphorynchus spirurus</i>	July	19.40	5.99
193.00	97	<i>Glyphorynchus spirurus</i>	July	20.00	6.25
193.00	97	<i>Glyphorynchus spirurus</i>	July	20.30	7.86
218.74	98	<i>Glyphorynchus spirurus</i>	April	21.70	2.68
218.74	117	<i>Glyphorynchus spirurus</i>	July	20.90	6.87
471.00	97	<i>Glyphorynchus spirurus</i>	July	20.00	6.30
471.00	97	<i>Glyphorynchus spirurus</i>	July	21.30	6.74
487.50	98	<i>Glyphorynchus spirurus</i>	April	20.40	3.91
487.50	98	<i>Glyphorynchus spirurus</i>	March	21.20	4.21
487.50	98	<i>Glyphorynchus spirurus</i>	March	21.00	4.70
487.50	98	<i>Glyphorynchus spirurus</i>	March	21.40	6.12
637.49	98	<i>Glyphorynchus spirurus</i>	April	22.20	3.58
637.49	98	<i>Glyphorynchus spirurus</i>	April	21.60	4.74
637.49	97	<i>Glyphorynchus spirurus</i>	July	20.90	5.02
637.49	97	<i>Glyphorynchus spirurus</i>	April	21.70	5.24
637.49	98	<i>Glyphorynchus spirurus</i>	April	21.80	5.92
637.49	98	<i>Glyphorynchus spirurus</i>	April	22.20	6.43
637.49	97	<i>Glyphorynchus spirurus</i>	July	21.00	6.56
637.49	97	<i>Glyphorynchus spirurus</i>	July	21.10	7.01
673.35	97	<i>Glyphorynchus spirurus</i>	August	20.70	6.63
673.35	97	<i>Glyphorynchus spirurus</i>	August	20.20	7.21
673.35	97	<i>Glyphorynchus spirurus</i>	August	22.20	8.88
CF2	98	<i>Glyphorynchus spirurus</i>	August	21.50	2.63
CF2	98	<i>Glyphorynchus spirurus</i>	May	21.60	3.53
CF2	98	<i>Glyphorynchus spirurus</i>	May	21.20	3.91
CF2	97	<i>Glyphorynchus spirurus</i>	May	21.90	4.10
CF2	97	<i>Glyphorynchus spirurus</i>	May	21.20	4.18
CF2	98	<i>Glyphorynchus spirurus</i>	May	22.10	4.28
CF2	97	<i>Glyphorynchus spirurus</i>	August	20.80	4.69
CF2	97	<i>Glyphorynchus spirurus</i>	August	20.00	5.05
CF2	98	<i>Glyphorynchus spirurus</i>	May	20.50	6.15
CF2	97	<i>Glyphorynchus spirurus</i>	August	21.00	6.18

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
CF2	97	<i>Glyphorynchus spirurus</i>	August	20.90	6.23
CF2	97	<i>Glyphorynchus spirurus</i>	May	21.90	7.40
CF2	117	<i>Glyphorynchus spirurus</i>	May	21.80	8.08
CF2	117	<i>Glyphorynchus spirurus</i>	May	21.20	13.33
17.45	109	<i>Hypocnemis cantator</i>	September	6.50	12.26
17.45	117	<i>Hypocnemis cantator</i>	September	6.30	18.16
17.45	109	<i>Hypocnemis cantator</i>	September	7.30	19.80
32.92	109	<i>Hypocnemis cantator</i>	July	8.70	11.94
72.10	100	<i>Hypocnemis cantator</i>	April	7.70	6.51
72.10	109	<i>Hypocnemis cantator</i>	July	7.60	10.80
72.10	109	<i>Hypocnemis cantator</i>	July	6.70	14.53
72.10	109	<i>Hypocnemis cantator</i>	April	8.10	15.74
72.10	117	<i>Hypocnemis cantator</i>	July	6.90	18.04
72.10	109	<i>Hypocnemis cantator</i>	July	7.70	18.41
72.10	112	<i>Hypocnemis cantator</i>	July	7.90	19.97
72.10	109	<i>Hypocnemis cantator</i>	July	8.80	24.30
193.00	109	<i>Hypocnemis cantator</i>	July	8.60	9.93
193.00	109	<i>Hypocnemis cantator</i>	July	7.10	11.92
193.00	109	<i>Hypocnemis cantator</i>	July	7.50	13.67
193.00	112	<i>Hypocnemis cantator</i>	July	8.20	17.24
193.00	109	<i>Hypocnemis cantator</i>	July	7.80	18.99
193.00	109	<i>Hypocnemis cantator</i>	July	7.60	19.77
193.00	109	<i>Hypocnemis cantator</i>	July	6.90	24.84
471.00	100	<i>Hypocnemis cantator</i>	July	7.40	16.33
487.50	109	<i>Hypocnemis cantator</i>	March	8.50	7.63
487.50	109	<i>Hypocnemis cantator</i>	April	7.40	16.66
637.49	109	<i>Hypocnemis cantator</i>	April	6.50	9.70
637.49	100	<i>Hypocnemis cantator</i>	April	7.40	10.44
673.35	100	<i>Hypocnemis cantator</i>	June	7.10	8.79
673.35	109	<i>Hypocnemis cantator</i>	June	7.00	14.52
CF2	100	<i>Hypocnemis cantator</i>	August	7.10	7.42
CF2	109	<i>Hypocnemis cantator</i>	August	7.70	12.68

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
13.59	99	<i>Percnostola subcristata</i>	July	24.10	3.89
13.59	97	<i>Percnostola subcristata</i>	September	24.10	4.52
13.59	97	<i>Percnostola subcristata</i>	September	25.80	4.88
13.59	97	<i>Percnostola subcristata</i>	July	25.70	13.80
17.45	98	<i>Percnostola subcristata</i>	September	24.90	3.06
193.00	97	<i>Percnostola subcristata</i>	July	23.20	5.64
487.50	97	<i>Percnostola subcristata</i>	March	24.10	9.48
487.50	112	<i>Percnostola subcristata</i>	March	25.40	12.83
673.35	97	<i>Percnostola subcristata</i>	June	20.50	5.09
673.35	99	<i>Percnostola subcristata</i>	June	25.90	5.61
CF2	99	<i>Percnostola subcristata</i>	May	24.10	8.81
CF1	97	<i>Percnostola subcristata</i>	March	24.00	3.82
13.59	92	<i>Turdus albicollis</i>	September	56.90	3.26
72.10	92	<i>Turdus albicollis</i>	April	60.40	3.15
72.10	92	<i>Turdus albicollis</i>	April	58.40	4.55
72.10	92	<i>Turdus albicollis</i>	April	57.30	5.88
72.10	92	<i>Turdus albicollis</i>	April	60.80	6.60
78.44	92	<i>Turdus albicollis</i>	July	58.60	3.88
78.44	92	<i>Turdus albicollis</i>	July	59.60	4.31
98.84	92	<i>Turdus albicollis</i>	September	55.70	3.80
98.84	92	<i>Turdus albicollis</i>	September	60.60	3.14
193.00	92	<i>Turdus albicollis</i>	July	61.40	2.88
218.74	99	<i>Turdus albicollis</i>	April	60.90	4.01
218.74	92	<i>Turdus albicollis</i>	April	58.10	4.14
218.74	92	<i>Turdus albicollis</i>	April	56.10	4.66
471.00	92	<i>Turdus albicollis</i>	April	57.60	3.36
471.00	92	<i>Turdus albicollis</i>	April	59.30	7.37
637.49	92	<i>Turdus albicollis</i>	July	59.30	2.44
637.49	92	<i>Turdus albicollis</i>	July	60.50	2.84
673.35	92	<i>Turdus albicollis</i>	June	60.90	3.28
673.35	92	<i>Turdus albicollis</i>	September	57.20	3.42
673.35	92	<i>Turdus albicollis</i>	June	59.10	3.75

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
673.35	92	<i>Turdus albicollis</i>	June	56.70	3.79
CF2	92	<i>Turdus albicollis</i>	August	58.50	2.50
CF2	92	<i>Turdus albicollis</i>	August	58.10	2.93
CF2	92	<i>Turdus albicollis</i>	August	59.50	3.15
CF2	92	<i>Turdus albicollis</i>	August	60.20	3.27
13.59	92	<i>Xiphorhynchus pardalotus</i>	July	52.70	3.93
17.45	98	<i>Xiphorhynchus pardalotus</i>	July	53.30	4.65
32.92	98	<i>Xiphorhynchus pardalotus</i>	June	52.90	4.65
32.92	117	<i>Xiphorhynchus pardalotus</i>	June	51.00	6.74
32.92	99	<i>Xiphorhynchus pardalotus</i>	June	53.90	8.16
53.30	98	<i>Xiphorhynchus pardalotus</i>	June	52.50	2.95
53.30	98	<i>Xiphorhynchus pardalotus</i>	September	53.50	5.45
72.10	99	<i>Xiphorhynchus pardalotus</i>	July	51.70	2.90
72.10	92	<i>Xiphorhynchus pardalotus</i>	April	49.40	3.81
72.10	92	<i>Xiphorhynchus pardalotus</i>	April	51.60	5.17
72.10	98	<i>Xiphorhynchus pardalotus</i>	April	52.30	6.46
78.44	92	<i>Xiphorhynchus pardalotus</i>	July	52.80	2.19
78.44	98	<i>Xiphorhynchus pardalotus</i>	July	52.70	8.75
78.44	98	<i>Xiphorhynchus pardalotus</i>	July	53.50	10.03
98.84	98	<i>Xiphorhynchus pardalotus</i>	May	53.00	2.55
98.84	98	<i>Xiphorhynchus pardalotus</i>	June	48.60	3.78
193.00	97	<i>Xiphorhynchus pardalotus</i>	July	52.20	3.29
218.74	98	<i>Xiphorhynchus pardalotus</i>	April	55.10	3.09
218.74	92	<i>Xiphorhynchus pardalotus</i>	April	54.20	3.36
218.74	98	<i>Xiphorhynchus pardalotus</i>	April	52.50	3.90
218.74	92	<i>Xiphorhynchus pardalotus</i>	April	53.80	8.88
471.00	97	<i>Xiphorhynchus pardalotus</i>	July	52.70	6.61
487.50	117	<i>Xiphorhynchus pardalotus</i>	March	52.00	7.94
637.49	98	<i>Xiphorhynchus pardalotus</i>	July	53.90	4.15
637.49	97	<i>Xiphorhynchus pardalotus</i>	July	53.60	4.24
637.49	99	<i>Xiphorhynchus pardalotus</i>	July	52.60	6.05
637.49	98	<i>Xiphorhynchus pardalotus</i>	July	52.60	6.94

Island size (ha)	Assay number	Specie	Month	Feather mass (mg)	CORT levels (pg mg ⁻¹)
673.35	92	<i>Xiphorhynchus pardalotus</i>	June	54.70	3.16
673.35	92	<i>Xiphorhynchus pardalotus</i>	June	55.10	3.22
673.35	92	<i>Xiphorhynchus pardalotus</i>	June	53.30	4.76
673.35	92	<i>Xiphorhynchus pardalotus</i>	June	51.40	5.08
673.35	92	<i>Xiphorhynchus pardalotus</i>	June	51.40	5.76
673.35	92	<i>Xiphorhynchus pardalotus</i>	June	52.50	8.98
673.35	99	<i>Xiphorhynchus pardalotus</i>	August	52.80	17.26
CF1	98	<i>Xiphorhynchus pardalotus</i>	July	53.50	2.35
CF1	99	<i>Xiphorhynchus pardalotus</i>	July	52.70	3.29
CF1	99	<i>Xiphorhynchus pardalotus</i>	July	52.90	7.38
CF2	98	<i>Xiphorhynchus pardalotus</i>	May	53.60	2.48
CF2	98	<i>Xiphorhynchus pardalotus</i>	May	53.20	4.68
CF2	99	<i>Xiphorhynchus pardalotus</i>	August	52.80	5.01
CF2	99	<i>Xiphorhynchus pardalotus</i>	August	53.70	6.93
CF1	98	<i>Xiphorhynchus pardalotus</i>	March	52.70	4.13