APPENDIX A. Summary tables detailing number of individual birds censused and sensitivity test results where species richness, evenness and community similarity was estimated using equal effort across treatments and supplementary figures.

TABLE A1. Species and number of individuals per 240 point count minutes in treatments by region. Codes in parentheses indicate foraging guild where (In,Fob) - Insectivore, Flock Obligate; (In,Fld) – Insectvore, Flock-dropout; (In,Ar) – Insectivore, Arboreal; (In,Te) – Insectivore, Terrestrial; (In,Anf) – Insectivore, Ant-follower; (In,O) - Insectivore, Other; (In,Ga) – Insectivore, Gap; (Fr,Co) – Frugivore, Core; (Pa) – Parrot; (Ra) – Raptor; (Fr,Ot) – Frugivore, Other; (Hu) – Hummingbird; (No) – Non-forest.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Tinamus major (In,Te)	0	1	0	0	1	3	0	0	0	0
Crypturellus soui (No)	0	0	0	0	0	0	1	1	0	0
Crypturellus variegatus (In,Te)	2	4	2	0	0	1	1	0	0	3
Penelope marail (Fr,Ot)	0	3	0	1	2	1	1	2	0	0
Crax alector (Fr,Ot)	3	0	0	0	0	0	0	0	0	0
Odontophorus gujanensis (In,Ot)	0	0	0	1	1	0	0	0	1	0
Harpagus bidentatus (Ra)	1	0	0	1	0	0	0	0	0	0
Buteogallus urubitinga (Ra)	0	0	0	0	0	0	0	0	0	3
Leucopternis melanops (Ra)	0	1	0	0	0	0	0	0	0	0
Psophia crepitans (Fr,Ot)	10	0	0	0	0	0	0	0	0	0
Columba plumbea (Fr,Ot)	1	9	2	8	0	8	8	16	2	6
Columba subvinacea (Fr,Ot)	1	0	1	2	0	1	1	2	0	5
Piaya cayana (In,Ot)	0	0	0	0	0	0	0	0	1	0
Piaya melanogaster (In,Ot)	1	0	0	1	0	0	0	0	0	3
Dromococcyx pavoninus (In,Ot)	0	0	0	1	0	0	0	0	0	0
Glaucidium hardyi (In,Ot)	0	0	0	0	0	0	0	2	0	0

Topaza pella (Hu)	0	0	0	0	0	0	0	0	1	0
Florisuga mellivora (Hu)	0	1	0	0	0	0	0	0	0	0
Phaethornis ruber (Hu)	0	0	0	0	0	0	0	0	0	1
Phaethornis bourcieri (Hu)	0	0	0	0	1	0	0	0	2	0
Phaethornis superciliosus (Hu)	0	0	0	0	0	2	0	3	4	0
Heliothryx auritus (Hu)	0	0	0	0	0	0	0	0	0	1
Campylopterus largipennis (Hu)	0	0	0	0	0	0	0	0	1	0
Thalurania furcata (Hu)	0	0	0	1	0	0	0	0	5	0
Trogon melanurus (Fr,Ot)	5	7	3	2	2	0	1	4	0	4
Trogon viridis (Fr,Ot)	4	9	5	8	2	8	8	7	3	13
Trogon violaceus (Fr,Ot)	1	2	3	2	1	2	0	3	0	2

Table A1. Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Trogon rufus (Fr,Ot)	5	1	1	4	2	0	4	0	0	3
Motmotus momota (Fr,Ot)	0	4	4	8	1	2	1	5	1	7
Galbula albirostris (In,Ot)	0	4	0	0	0	0	0	1	0	0
Galbula leucogastra (In,Ot)	0	0	0	0	0	1	0	0	0	0
Galbula dea (In,Ot)	1	1	1	0	3	1	1	1	0	0
Jacamerops aureus (In,Ar)	1	0	0	2	0	2	2	0	0	0
Notharchus macrorhynchos (In,Ar)	0	0	0	0	0	0	0	0	0	1

Bucco tamatia (In,Ot)	0	3	0	0	0	0	0	0	0	0
Bucco capensis (In,Ot)	0	0	0	0	1	0	0	0	0	0
Malacoptila fusca (In,Ot)	0	0	0	1	1	0	0	0	0	0
Nonnula rubecula (In,Ar)	0	0	0	0	0	0	2	0	0	0
Monasa atra (In,Ot)	0	0	3	0	1	0	0	8	0	0
Capito niger (Fr,Ot)	0	1	0	2	1	2	2	3	0	0
Ramphastos tucanus (Fr,Ot)	4	9	4	8	10	2	7	14	5	9
Ramphastos vitellinus (Fr,Ot)	5	8	4	1	4	2	1	13	1	5
Selenidera piperivora (Fr,Ot)	0	0	0	0	0	0	0	0	2	2
Picumnus exilis (In,Ar)	1	0	0	0	0	0	0	0	0	0
Melanerpes cruentatus (No)	1	3	3	0	0	0	0	2	4	6
Veniliornis cassini (In,Ar)	0	1	0	1	0	1	0	0	0	0
Piculus flavigula (In,Ar)	1	2	2	4	2	1	3	0	0	7
Piculus chrysochloros (In,Ar)	1	0	0	1	0	0	0	0	0	0
Celeus undatus (In,Ar)	8	3	1	3	4	1	0	0	0	3
Celeus flavus (In,Ar)	1	0	0	0	0	0	0	0	0	0
Celeus torquatus (In,Ar)	0	0	0	1	0	0	0	0	0	2
Dryocopus lineatus (In,Ar)	1	0	0	0	3	2	1	4	4	2
Campephilus rubricollis (In,Ar)	7	6	1	6	4	4	1	0	1	0
Micrastur gilvicollis (Ra)	4	7	1	1	3	1	0	1	0	0

Table A1. Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Ibycter americanus (Ra)	2	3	1	0	7	1	1	2	0	0
Touit purpuratus (Pa)	0	2	0	0	0	0	0	0	0	0
Brotogeris chrysoptera (Pa)	3	0	0	0	2	1	0	0	0	0
Pyrilia caica (Pa)	3	6	1	1	0	1	3	1	0	4
Pionus fuscus (Pa)	1	2	0	0	1	0	0	2	0	3
Pionus menstruus (Pa)	2	2	0	0	0	0	0	3	0	3
Amazona autumnalis (Pa)	1	3	2	1	3	0	0	1	0	0
Amazona farinosa (Pa)	7	1	0	0	8	2	0	1	0	5
Deroptyus accipitrinus (Pa)	1	1	0	0	1	2	0	0	0	0
Ara spp.(Pa)	2	4	0	2	2	10	0	2	0	5
Euchrepomis spodioptila (In,Ot)	0	0	1	1	0	0	0	0	0	0
Cymbilaimus lineatus (In,Ot)	9	7	8	3	2	1	0	5	0	1
Frederickena viridis (In,Ot)	0	0	5	0	2	0	0	0	0	0
Thamnophilus murinus (In,Ot)	5	7	6	1	7	7	10	9	2	6
Thamnophilus punctatus (No)	0	0	0	0	0	0	0	4	4	0
Thamnomanes ardesiacus (In,Fob)	3	4	5	5	8	7	3	1	0	0
Thamnomanes caesius (In,Fob)	7	5	4	7	10	7	6	3	1	0
Isleria guttata (In,Ar)	0	0	0	0	0	0	0	0	0	1
Epinecrophylla gutturalis (In,Fob)	0	0	0	0	3	0	2	0	0	0
Myrmotherula brachyura (In,Ot)	6	2	1	5	3	2	1	5	1	1
Myrmotherula axillaris (In,Fld)	1	2	1	1	5	1	0	0	1	6
Myrmotherula longipennis (In,Fob)	0	0	1	3	5	1	0	1	0	0
Herpsilochmus dorsimaculatus (In,Fld)	2	8	3	6	6	7	11	1	0	1
Hypocnemis cantator (In,Ga)	10	2	5	11	1	3	12	17	4	5

Cercomacra cinerascens (In,Ar)	15	5	8	4	8	5	0	5	2	2
Cercomacra tyrannina (No)	0	0	0	0	0	0	0	4	3	0
Percnostola rufifrons (In,Ga)	3	2	7	7	7	10	5	15	1	7

Table A1. Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Schistocichla leucostigma (In,Ot)	0	0	7	0	0	0	0	0	0	0
Myrmeciza ferruginea (In,Ot)	2	3	4	2	3	2	1	1	0	0
Myrmornis torquata (In,Te)	0	1	0	0	0	0	0	0	0	0
Pithys albifrons (In,Anf)	1	6	2	2	0	2	3	1	0	0
Gymnopithys rufigula (In,Anf)	0	5	0	1	1	1	3	1	0	0
Hylophylax naevia (In,Ar)	0	0	0	1	0	0	0	0	0	0
Willisornis poecilinotus (In,Ar)	4	0	0	3	7	1	1	0	0	0
Conopophaga aurita (In,Te)	1	5	1	0	0	0	0	0	0	0
Grallaria varia (In,Te)	8	11	4	6	4	11	0	8	0	0
Hylopezus macularius (In,Te)	0	1	0	0	1	0	0	0	0	0
Myrmothera campanisona (In,Ot)	1	2	0	0	0	5	0	2	0	0
Formicarius colma (In,Te)	7	7	2	0	3	8	0	4	0	0
Formicarius analis (In,Ot)	5	13	7	0	0	0	1	1	0	0
Sclerurus mexicanus (In,ot)	0	0	1	0	0	0	0	0	0	0
Sclerurus caudacutus (In,Te)	0	0	0	0	0	1	0	0	0	0

Certhiasomus stictolaemus (In,Fob)	1	4	0	2	1	4	0	0	0	0
Sittasomus griseicapillus (In,Ot)	2	2	2	3	2	6	5	0	0	0
Deconychura longicauda (In,Ot)	2	6	1	1	4	1	0	0	0	0
Dendrocincla merula (In,Anf)	0	0	0	1	0	0	0	0	0	0
Dendrocincla fuliginosa (In,Ar)	1	2	2	4	5	1	2	7	1	5
Glyphorynchus spirurus (In,Fld)	6	7	7	5	5	3	8	8	1	2
Dendrocolaptes certhia (In,Ot)	3	1	3	6	4	2	1	4	4	1
Dendrocolaptes picumnus (In,Ot)	2	0	0	0	0	1	0	0	0	0
Hylexetastes perrotii (In,Ot)	5	1	3	3	1	2	0	0	0	0
Xiphorhynchus pardalotus (In,Fld)	3	6	6	5	9	4	4	4	0	8
Campylorhamphus procurvoides (In,Ot)	0	0	0	0	0	0	0	1	0	0
Lepidocolaptes albolineatus (In,Ot)	0	0	0	0	1	0	0	0	0	0

Table A1. Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Xenops minutus (In,Fob)	0	0	0	2	0	0	0	0	0	0
Philydor pyrrhodes (In,Ot)	0	0	0	0	1	0	0	0	0	0
Clibanornis rubiginosus (In,Ar)	0	2	2	0	0	0	0	0	0	0
Automolus ochrolaemus (In,Ar)	0	0	2	1	0	0	1	6	3	0
Automolus infuscatus (In,Fob)	5	4	3	1	5	2	1	0	0	0
Tyrannulus elatus (In,Ar)	0	0	1	0	0	1	0	1	0	3
Myiopagis gaimardii (In,Ar)	1	5	1	4	0	2	2	0	0	11

Myiopagis caniceps (In,Ar)	0	0	0	0	1	1	0	0	0	0
Ornithion inerme (In,Ar)	1	3	0	0	2	1	0	0	0	0
Camptostoma obsoletum (In,Ot)	0	0	0	0	0	0	0	0	0	1
Zimmerius gracilipes (In,Ot)	6	4	4	1	4	5	6	1	0	3
Phylloscartes virescens (In,Ot)	1	0	1	0	0	0	0	0	0	0
Mionectes macconnelli (Fr,Co)	0	0	0	0	0	0	0	0	1	0
Myiornis ecaudatus (In,Ar)	1	0	1	0	0	0	1	0	0	0
Lophotriccus vitiosus (In,Ar)	4	1	5	4	1	0	0	0	0	0
Hemitriccus zosterops (In,Ot)	10	12	6	5	8	4	2	6	0	5
Todirostrum pictum (In,Ar)	0	1	0	0	1	0	0	0	0	0
Rhynchocyclus olivaceus (In,Ot)	0	1	0	0	0	0	0	1	0	0
Tolmomyias assimilis (In,Ot)	3	3	3	2	1	8	6	3	0	0
Tolmomyias poliocephalus (In,Ot)	1	1	0	0	1	1	4	6	3	0
Platyrinchus saturatus (In,Ar)	0	0	0	1	0	0	0	0	0	0
Platyrinchus coronatus (In,Ar)	8	6	0	3	5	3	1	0	0	0
Platyrinchus platyrhynchos (In,Ot)	0	0	1	0	0	0	0	0	0	0
Myiobius barbatus (In,Fob)	0	0	0	1	0	0	1	0	0	0
Terenotriccus erythrurus (In,Ot)	0	2	0	0	1	0	0	0	4	0
Myiozetetes cayanensis (No)	0	0	0	0	0	0	0	0	2	0
Conopias parvus (In,Ar)	2	0	2	0	3	1	5	2	1	5

Table A1. Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Tyrannus Melancholicus (No)	0	0	0	0	0	0	0	1	1	0
Rhytipterna simplex (Fr,Ot)	7	12	5	2	4	0	1	9	0	4
Myiarchus ferox (No)	0	0	0	0	0	0	0	1	2	1
Ramphotrigon ruficauda (In,Ot)	0	0	1	3	0	0	0	0	0	5
Attila spadiceus (Fr,Ot)	5	9	0	1	7	1	3	7	3	0
Phoenicircus carnifex (Fr,Ot)	2	2	0	1	0	1	4	2	2	0
Haematoderus militaris (Fr,Ot)	0	0	1	0	1	0	0	0	0	0
Perissocephalus tricolor (Fr,Ot)	0	0	1	1	0	0	1	0	0	0
Lipaugus vociferans (Fr,Ot)	8	8	34	30	4	31	5	7	3	32
Xipholena punicea (Fr,Ot)	0	1	1	0	1	0	0	0	0	0
Tyranneutes virescens (Fr,Ot)	0	3	1	0	0	2	0	0	0	14
Corapipo gutturalis (Fr,Co)	0	3	0	0	0	2	0	0	0	0
Lepidothrix serena (Fr,Co)	0	6	0	0	3	3	8	1	0	0
Manacus manacus (No)	0	0	0	0	0	0	0	0	1	0
Dixiphia pipra (Fr,Co)	0	1	0	0	0	1	1	1	0	15
Ceratopipra erythrocephala (Fr,Co)	0	1	0	0	0	3	4	11	1	0
Tityra cayana (Fr,Ot)	2	6	0	0	4	0	0	2	0	4
Schiffornis turdina (Fr,Co)	1	5	1	2	0	0	0	0	0	0
Laniocera hypopyrra (In,Ot)	6	0	2	0	0	0	0	0	0	0
Pachyramphus marginatus (In,Ot)	0	5	0	0	1	0	0	2	0	0
Pachyramphus surinamus (In,Ot)	1	2	3	0	1	4	0	1	0	0
Cyclarhis gujanensis (In,Ot)	0	0	0	0	0	0	1	5	1	0
Vireolanius leucotis (In,Ar)	7	6	7	1	6	8	1	0	0	0
Vireo olivaceus (No)	0	0	0	0	0	0	0	1	0	0

Hylophilus muscicapinus (In,Fob)	2	5	2	5	11	10	8	2	1	0
Hylophilus ochraceiceps (In,Fob)	3	4	2	2	6	3	1	0	0	0
Pheugopedius coraya (No)	0	0	0	0	0	0	1	6	1	0

Table A1. Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Cyphorhinus arada (In,Te)	0	0	0	0	0	1	0	0	0	0
Microbates collaris (In,Ar)	0	0	2	5	2	2	1	1	0	0
Ramphocaenus melanurus (Fr,Ot)	1	3	2	2	7	1	5	1	0	8
Turdus albicollis (Fr,Co)	0	1	0	0	1	1	0	0	0	11
Lamprospiza melanoleuca (Fr,Ot)	0	1	0	0	0	7	0	0	0	0
Tachyphonus surinamus (Fr,Co)	0	0	0	0	1	1	1	2	0	0
Ramphocelus carbo (No)	0	0	0	0	0	0	0	1	0	0
Tangara varia (Fr,Ot)	0	0	1	0	0	0	3	0	0	0
Tangara chilensis (Fr,Ot)	0	0	0	0	1	0	0	0	0	0
Dacnis lineata (Fr,Ot)	0	0	0	0	0	0	3	1	0	0
Cyanerpes caeruleus (Fr,Ot)	0	0	0	0	0	0	0	1	0	0
Coereba flaveola (Fr,Ot)	0	0	0	2	0	0	0	0	0	2
Saltator grossus (Fr,Ot)	6	0	1	1	1	0	1	1	0	0
Caryothraustes canadensis (Fr,Ot)	1	2	2	1	3	2	0	4	0	3
Psarocolius viridis (Fr,Ot)	4	6	2	2	4	0	3	1	1	0

Cacicus spp. (Fr,Ot)	0	0	1	0	0	0	0	0	0	3
Icterus cayanensis (Fr,Ot)	0	0	0	0	0	0	0	0	1	0
Euphonia cayennensis (Fr,Co)	1	2	0	0	2	0	0	0	0	0

Table A2. Species and number of individuals per 100 mist-net hours in treatments by region. Codes in paraentheses indicate foraging guild where (In,Fob) - Insectivore, Flock Obligate; (In,Fld) – Insectvore, Flock-dropout; (In,Ar) – Insectivore, Arboreal; (In,Te) – Insectivore, Terrestrial; (In,Anf) – Insectivore, Ant-follower; (In,O) - Insectivore, Other; (In,Ga) – Insectivore, Gap; (Fr,Co) – Frugivore, Core; (Pa) – Parrot; (Ra) – Raptor; (Fr,Ot) – Frugivore, Other; (Hu) – Hummingbird; (No) – Non-forest.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Crypturellus variegatus (In,Te)	0	1	0	0	0	0	0	0	0	0
Harpagus bidentatus (Ra)	0	0	0	0	0	0	0	0	2	0
Leucopternis melanops (Ra)	0	0	0	0	0	1	0	0	0	0

Geotrygon montana (In,Te)	0	1	0	3	2	1	0	1	0	0
Glaucidium hardyi (In,Ot)	0	0	1	0	0	0	0	1	0	0
Nyctidromus albicollis (No)	0	0	0	0	0	0	2	0	0	0
Florisuga mellivora (Hu)	1	0	0	0	1	0	1	1	0	0
Phaethornis bourcieri (Hu)	3	7	5	3	3	2	7	7	6	0
Phaethornis superciliosus (Hu)	2	2	2	4	0	8	9	14	13	0
Heliothryx auritus (Hu)	0	0	0	0	1	0	0	0	0	0
Campylopterus largipennis (Hu)	0	1	2	0	1	2	8	7	10	0
Thalurania furcata (Hu)	1	1	3	4	0	2	3	7	6	4
Amazilia versicolor (Hu)	0	0	0	0	0	0	1	4	2	0
Amazilia fimbriata (Hu)	0	0	0	0	0	0	0	1	0	0
Trogon viridis (Fr,Ot)	0	0	0	0	0	0	0	1	0	0
Trogon rufus (Fr,Ot)	0	0	0	0	0	0	0	3	0	0
Chloroceryle aenea (No)	0	0	0	1	0	0	0	0	0	0
Momotus momota (Fr,Ot)	1	0	6	1	0	1	1	3	0	0
Galbula albirostris (In,Ot)	5	3	1	2	3	4	11	4	0	0
Jacamerops aureus(In,Ar)	0	0	0	0	0	1	0	0	2	0
Bucco tamatia (In,Ot)	0	0	0	0	0	0	1	1	0	0
Bucco capensis (In,Ot)	0	1	0	0	1	0	0	0	0	0
Malacoptila fusca (In,Ot)	5	4	2	4	1	1	0	0	0	0
Nonnula rubecula (In,Ar)	1	1	0	0	0	1	2	0	0	0
Monasa atra (In,Ot)	0	0	0	0	0	0	0	2	0	0
Veniliornis cassini (In,Ot)	0	0	0	0	1	0	0	0	0	0
Celeus flavus (In,Ar)	0	0	0	0	0	0	1	0	0	0

Table A2.Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Campephilus rubricollis (In,Ar)	0	0	0	1	0	0	0	0	0	0
Micrastur ruficollis (Ra)	0	0	0	0	0	0	0	1	0	0
Micrastur gilvicollis (Ra)	0	1	2	3	1	0	2	1	2	0
Cymbilaimus lineatus (In,Ot)	0	0	1	0	0	0	0	1	0	0
Frederickena viridis (In,Ot)	2	0	2	3	2	1	0	0	0	0
Thamnophilus murinus (In,Ot)	0	4	3	3	2	1	7	1	0	0
Thamnomanes ardesiacus (In,Fob)	11	16	10	15	13	8	8	9	0	0
Thamnomanes caesius (In,Fob)	8	16	11	13	14	11	11	13	0	0
Isleria guttata (In,Ar)	0	0	1	0	0	1	0	0	0	17
Epinecrophylla gutturalis (In,Fob)	5	3	9	4	8	7	3	4	0	0
Myrmotherula axillaris (In,Fld)	3	1	5	1	3	2	1	9	8	29
Myrmotherula longipennis (In,Fob)	14	10	9	8	10	4	8	1	2	0
Myrmotherula menetriesii (In,Fob)	0	8	4	4	3	2	2	3	0	0
Hypocnemis cantator (In,Ga)	7	4	11	4	4	5	13	8	10	8
Cercomacra cinerascens (In,Ar)	0	0	0	0	1	0	0	0	0	0
Cercomacra tyrannina (No)	0	0	0	0	0	0	0	0	2	0
Percnostola rufifrons (In,Ga)	11	3	8	6	9	8	13	25	4	4
Schistocichla leucostigma (In,Ot)	0	1	3	3	0	1	3	1	0	0
Myrmeciza ferruginea (In,Ot)	2	2	4	0	2	3	1	0	0	0
Pithys albifrons (In,Anf)	31	74	83	48	55	40	75	36	13	0
Gymnopithys rufigula (In,Anf)	5	16	21	17	22	12	17	14	0	0
Hylophylax naevia (In,Ar)	0	1	2	5	0	0	0	0	0	0
Willisornis poecilinotus (In,Ar)	18	19	32	25	23	12	18	8	0	0
Conopophaga aurita (In,Te)	3	2	0	1	0	0	3	0	0	0

Myrmothera campanisona(In,Ot)	0	0	0	0	0	1	0	0	0	0
Formicarius colma (In,Te)	14	12	5	6	10	5	0	4	0	0
Formicarius analis (In,Ot)	0	1	1	2	0	0	1	0	0	0

Table A2.Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Sclerurus mexicanus (In,Ot)	1	2	0	0	0	0	0	0	2	0
Sclerurus rufigularis (In,Te)	1	0	2	2	5	4	1	0	0	0
Sclerurus caudacutus (In,Te)	1	0	0	0	1	0	0	0	0	0
Certhiasomus stictolaemus (In,Fob)	5	3	7	11	10	8	2	0	0	0
Sittasomus griseicapillus (In,Ot)	0	0	0	0	0	0	1	0	0	0
Deconychura longicauda (In,Ot)	1	2	4	1	0	1	0	0	0	0
Dendrocincla merula (In,Anf)	0	10	10	3	3	2	5	0	0	0
Dendrocincla fuliginosa (In,Ar)	4	2	3	0	9	4	5	7	6	13
Glyphorynchus spirurus (In,Fld)	36	41	33	10	30	16	58	50	6	4
Dendrocolaptes certhia (In,Ot)	1	1	0	0	0	0	2	1	0	0
Hylexetastes perrotii (In,Ot)	2	1	0	0	0	0	2	0	0	0
Xiphorhynchus pardalotus (In,Fld)	2	6	7	8	10	4	12	13	0	4
Campylorhamphus procurvoides (In,Ot)	1	1	1	0	1	0	0	2	0	4
Xenops minutus (In,Fob)	3	0	4	1	6	2	4	3	0	0
Philydor erythrocercum (In,Ot)	0	1	2	2	1	1	2	0	0	0

Philydor pyrrhodes (In,Ot)	0	0	0	1	0	0	0	0	0	0
Clibanornis rubiginosus (In,Ar)	3	4	2	0	0	0	0	1	0	0
Automolus ochrolaemus (In,Ar)	1	0	1	0	0	0	3	2	2	0
Automolus infuscatus (In,Fob)	5	8	6	4	9	4	8	5	2	0
Synallaxis rutilans (In,Ot)	0	0	0	3	0	0	0	1	0	0
Corythopis torquatus (In,Te)	4	13	0	7	3	0	0	1	0	0
Mionectes oleagineus (Fr,Co)	0	0	0	0	0	0	0	0	0	1
Mionectes macconnelli (Fr,Co)	11	8	12	14	13	7	15	4	0	0
Hemitriccus zosterops (In,Ot)	0	3	0	0	0	0	0	1	0	0
Rhynchocyclus olivaceus (In,Ot)	1	0	3	0	1	0	3	4	0	0
Tolmomyias assimilis (In,Ot)	0	0	0	0	0	1	0	1	0	0
Platyrinchus saturatus (In,Ar)	4	4	2	9	3	1	0	0	0	0

Table A2. Cont'd..

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Platyrinchus coronatus (In,Ar)	6	9	1	6	0	4	3	0	0	0
Platyrinchus platyrhynchos (In,Ot)	0	0	1	0	0	0	0	0	0	0
Onychorhynchus coronatus (In,Ot)	0	0	2	2	1	0	0	0	0	0
Myiobius barbatus (In,Fob)	4	9	10	5	8	1	2	2	0	0
Terenotriccus erythrurus (In,Ot)	0	1	3	0	3	0	6	3	6	0

Rhytipterna simplex (Fr,Ot)	0	1	0	0	0	1	0	0	0	0
Ramphotrigon ruficauda (In,Ot)	0	0	0	1	0	0	0	0	0	0
Attila spadiceus (Fr,Ot)	0	6	2	0	0	0	1	1	2	0
Phoenicircus carnifex (Fr,Ot)	0	0	0	0	0	0	1	0	2	0
Lipaugus vociferans (Fr,Ot)	0	1	1	2	0	1	0	1	0	0
Corapipo gutturalis (In,Fob)	0	3	0	0	3	1	1	0	0	0
Lepidothrix serena (Fr,Co)	8	6	3	1	9	7	8	8	0	0
Lepidothrix serena (Fr,Co)	4	4	15	2	5	1	20	14	0	0
Manacus manacus (No)	0	0	2	0	0	0	3	1	0	0
Dixiphia pipra (Fr,Co)	32	33	27	18	23	19	77	70	21	21
Ceratopipra erythrocephala (Fr,Co)	4	0	1	1	1	1	31	25	0	0
Schiffornis turdina (Fr,Co)	3	11	6	5	0	1	1	0	0	0
Laniocera hypopyrra (In,Ot)	0	0	0	1	0	1	0	0	0	0
Pachyramphus marginatus (In,Ot)	0	0	0	0	0	0	0	1	0	0
Piprites chloris (In,Ot)	0	0	0	1	0	0	0	0	0	0
Hylophilus muscicapinus (In,Fob)	0	9	1	0	4	1	0	0	0	0
Hylophilus ochraceiceps (In,Fob)	6	6	4	5	4	1	2	0	0	0
Microcerculus bambla (In,Ar)	0	0	3	1	0	1	0	2	0	0
Pheugopedius coraya (No)	0	0	2	0	1	1	0	3	0	0
Cyphorhinus arada (In,Te)	0	0	4	6	0	5	1	0	0	0
Microbates collaris (In,Ar)	0	1	9	7	7	1	0	0	0	0
Turdus albicollis (Fr,Co)	6	8	6	18	3	4	14	10	0	29

Table A2. Cont'd.

Species	Porto Alegre Continuous	Colosso Continuous	KM41 Continuous	Dimona Continuous	Porto Alegre 100 Hectares	Dimona 100 Hectares	Dimona Second Growth	Colosso Second Growth	Young Second Growth	Balbina Islands
Tachyphonus cristatus (In,Ot)	0	0	0	1	0	0	0	0	0	0
Tachyphonus surinamus (Fr,Co)	1	8	4	3	3	1	3	8	4	21
Lanio fulvus (In,Fob)	1	0	1	0	0	0	0	0	0	0
Tangara varia (Fr,Co)	0	0	0	0	0	1	0	0	0	0
Sporophila angolensis (No)	0	0	1	0	0	1	0	0	0	0
Coereba flaveola (Fr,Ot)	0	0	0	2	1	0	0	0	0	0
Saltator maximus (Fr,Ot)	0	0	0	0	0	0	1	0	0	0
Saltator grossus (Fr,Ot)	1	0	0	0	0	0	0	0	0	0
Arremon taciturnus (In,Ot)	0	0	0	1	0	0	1	1	0	0
Cyanocompsa cyanoides (Fr,Co)	1	0	2	0	1	1	0	1	0	0
Oporornis agilis (In,Ot)	0	0	0	0	0	0	0	0	0	1
Myiothlypis rivularis (In,Ot)	1	0	0	5	0	0	0	0	0	0
Euphonia cayennensis (Fr,Co)	0	0	0	0	0	1	0	0	0	0

TABLE A3. Results of the sensitivity test where equal capture and point count effort were used to estimate species richness using Chao 1 by treatment (100ha forest fragment, 100ha island, continuous, older second growth forest, and young second growth forest).

Treatment	Chao 1	Lower 95% CI	Upper 95% CI
Island	24.24	15.98	66.91
Forest Fragment	47.88	39.63	74.86
Continuous	42.08	35.27	69.34
Mature Second Growth	38.08	31.27	65.35
Young Second Growth	25.76	17.53	60.79

TABLE A4. Results of the sensitivity test where equal capture and point count effort were used to estimate community similarity based on Chao's abundance-based Jaccard index. Comparisons are ranked from most to least similar.

Comparison	Chao-Jaccard Index	Standard Error
Forest Fragment vs. Mature Second Growth	0.778	0.092
Forest Fragment vs. Continuous	0.759	0.095
Continuous vs. Mature Second Growth	0.586	0.125

Young Second Growth vs. Mature Second Growth	0.504	0.194
Island vs. Forest Fragment	0.471	0.187
Young Second Growth vs. Island	0.287	0.115
Young Second Growth vs. Forest Fragment	0.282	0.110
Island vs. Mature Second Growth	0.265	0.134
Young Second Growth vs. Continuous	0.216	0.124
Island vs. Continuous	0.216	0.124

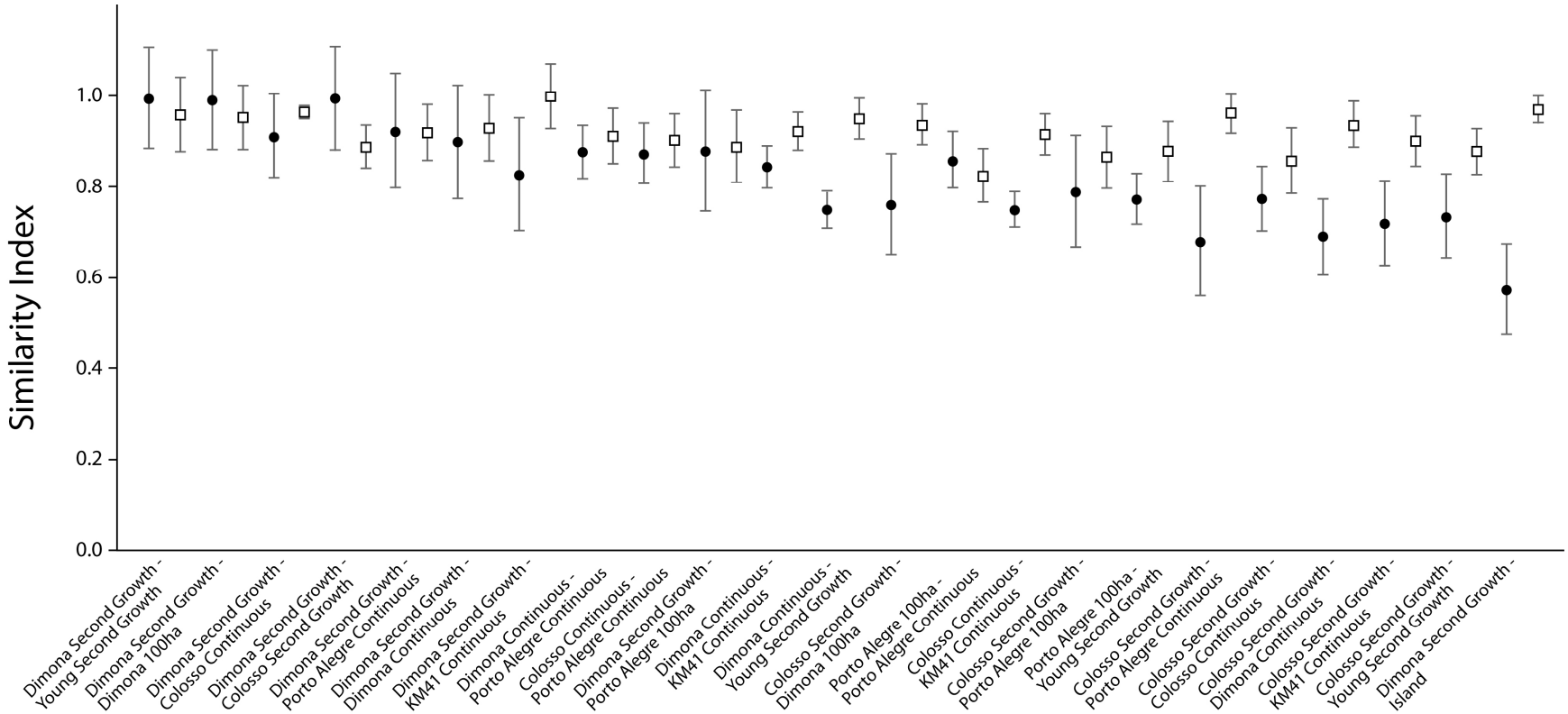

FIG. A1. Chao's abundance-based Jaccard community similarity indices based on point count data by treatment (100ha forest fragment, 100ha island, continuous, older second growth forest and young second growth forest) and region, shown with standard error bars. Filled circles represent point count and open boxes represent capture data. Comparisons are ranked from most to least similar.

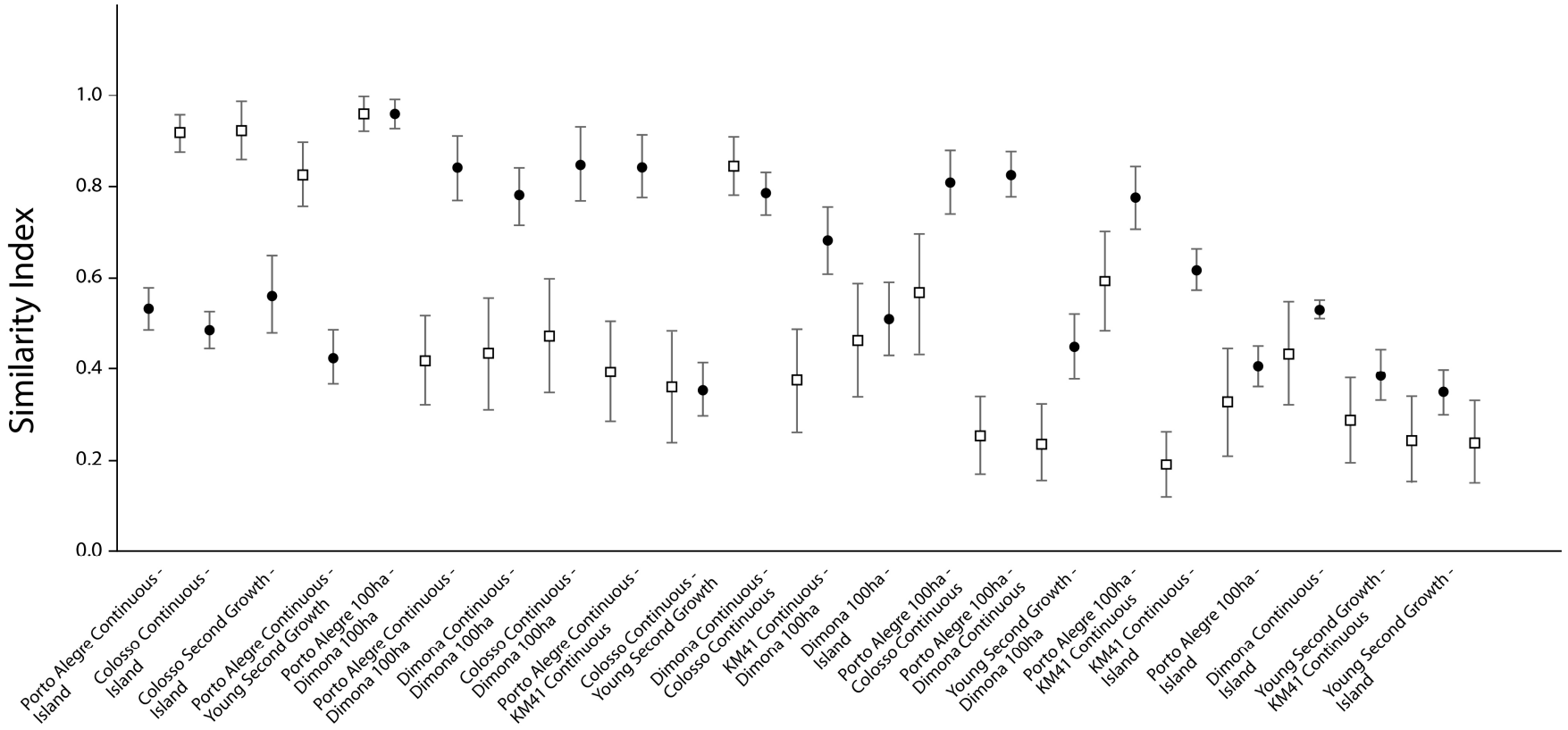

Fig. A1. Continued.

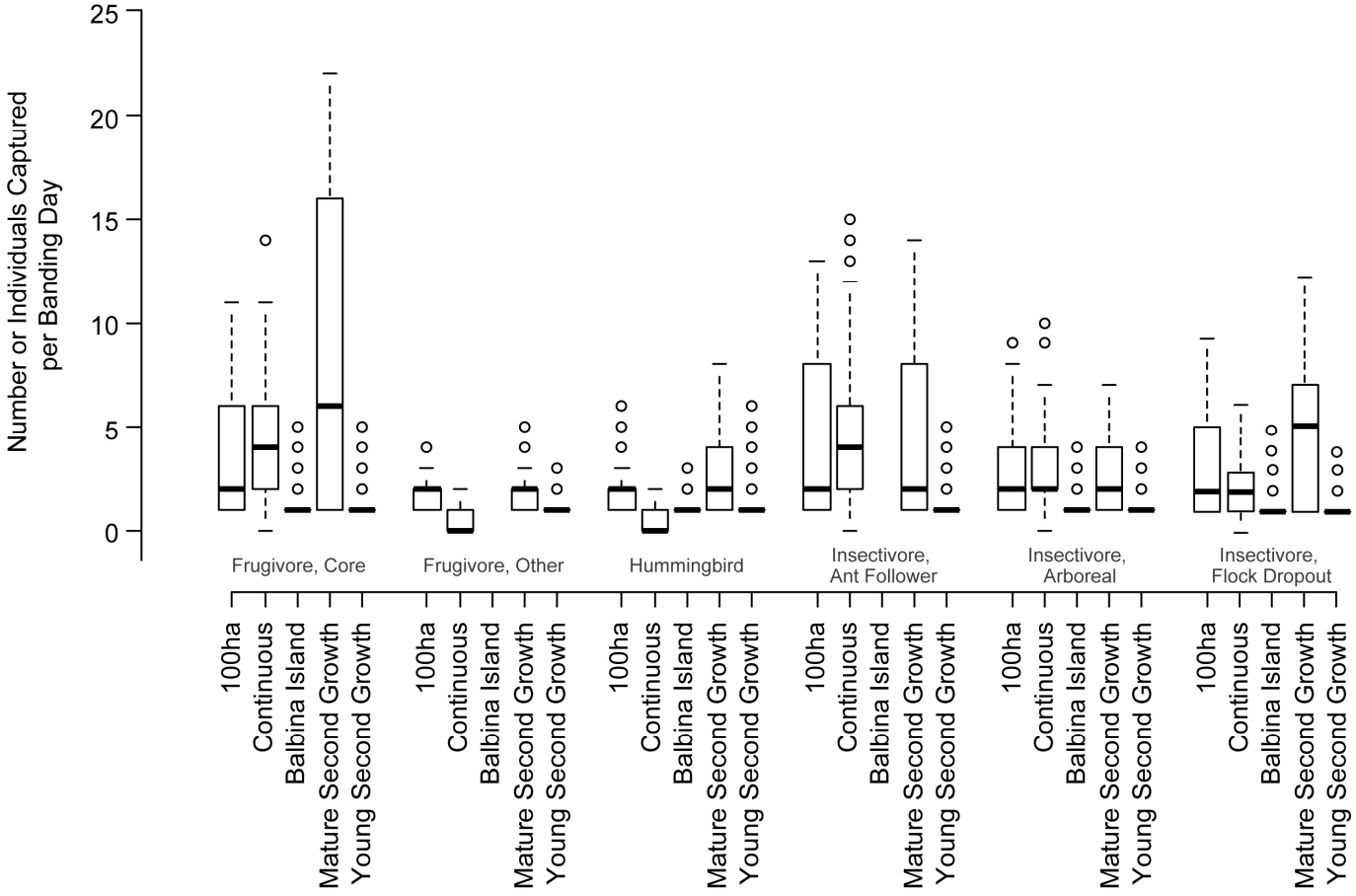

FIG. A2. Whisker and box plots illustrating minimum, quartiles, median, and maximum of individuals in each foraging guild per 100 mist-net hours by treatment.

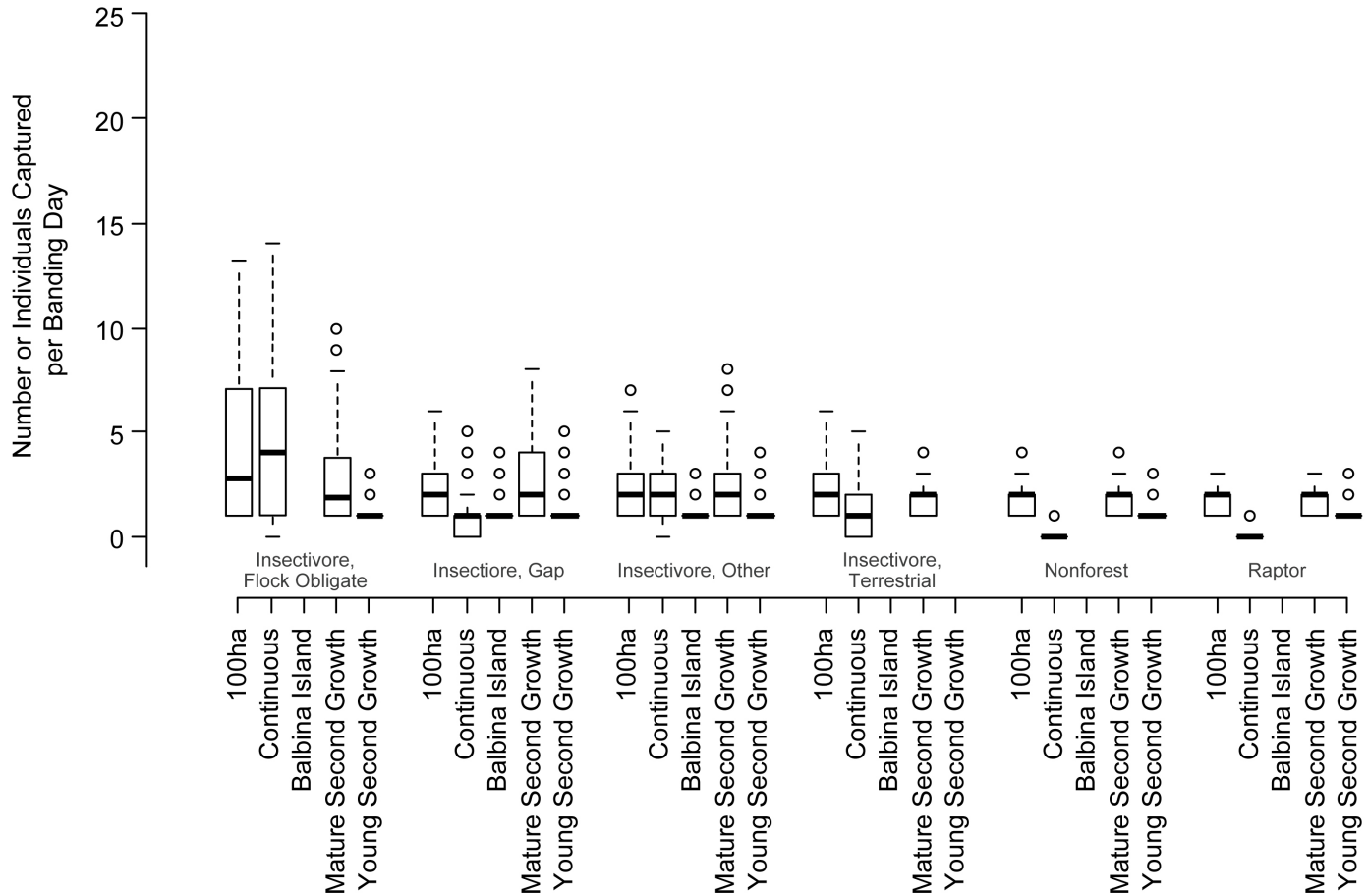

Fig. A2 continued.

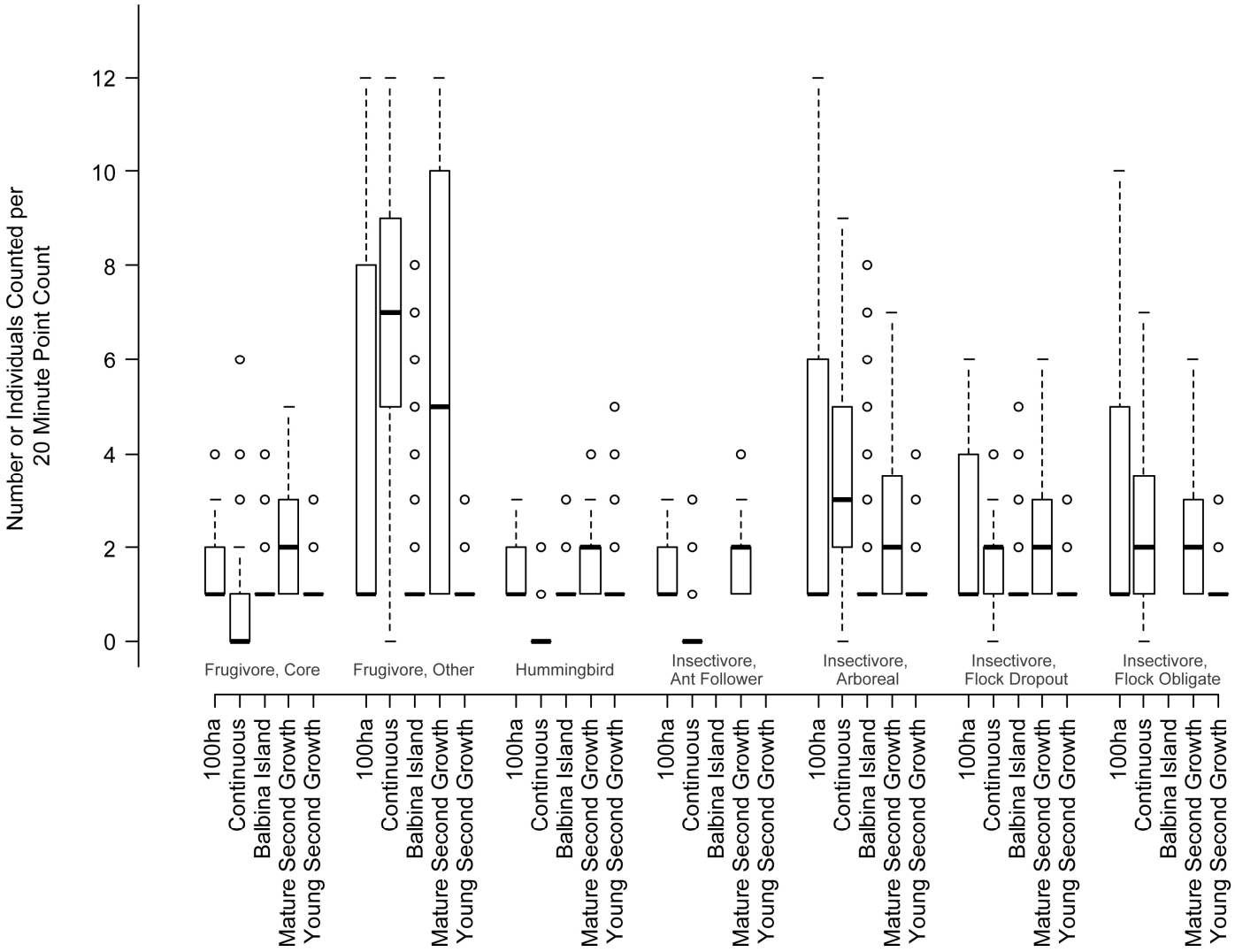

FIG. A3. Whisker and box plots illustrating minimum, quartiles, median, and maximum of individuals in each foraging guild per 240 point count minutes by treatment.

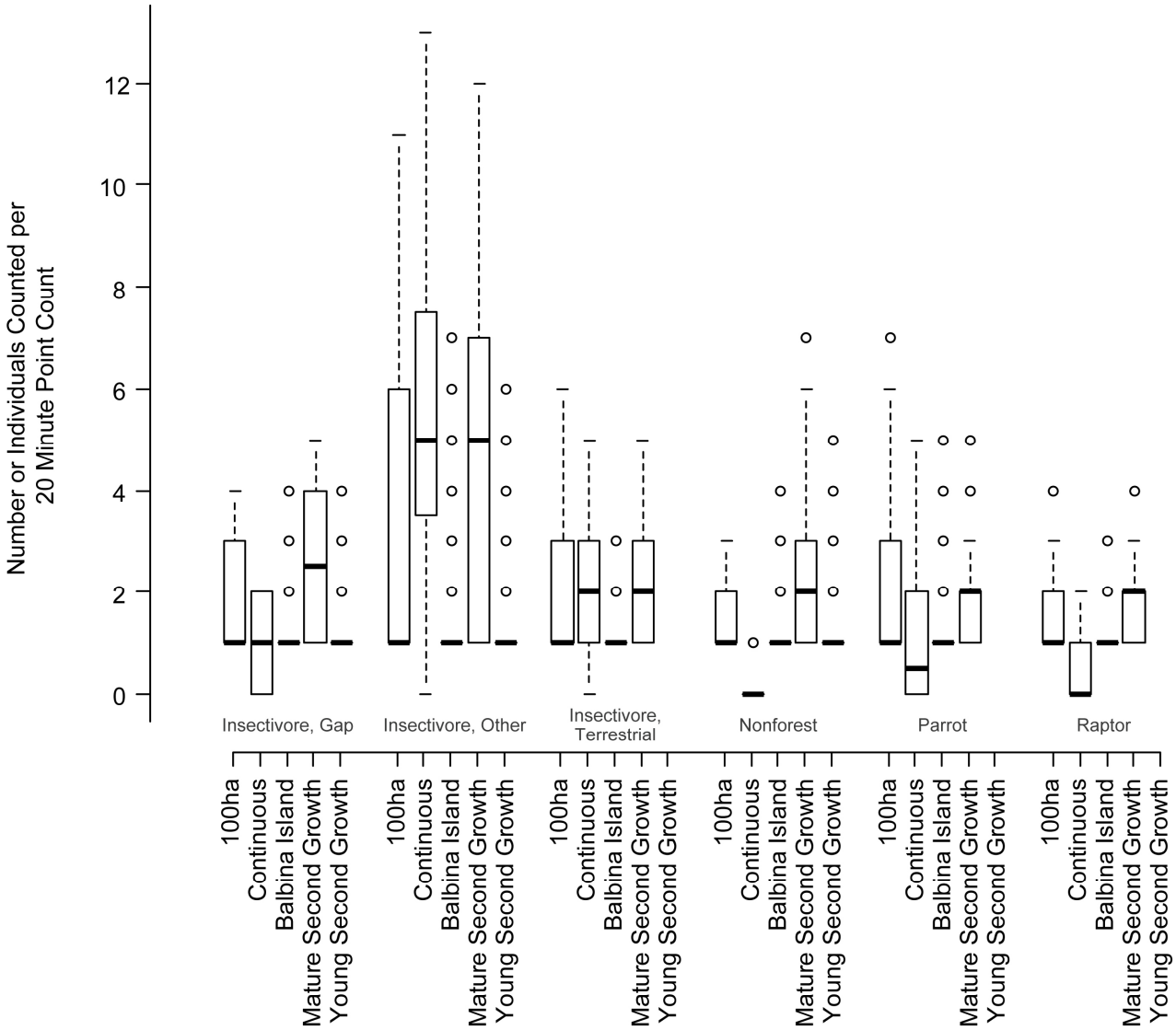

Fig. A3 continued.

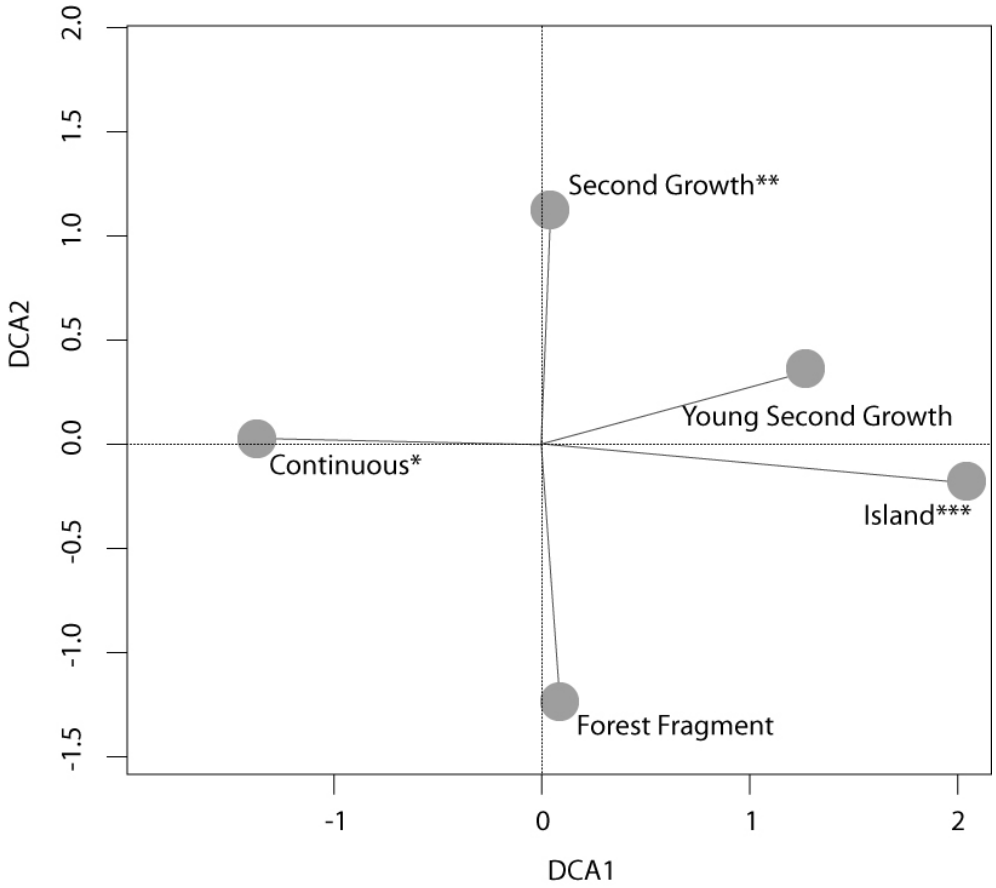

FIG. A4. Results of the sensitivity test where equal capture effort was used in a Detrended Correspondence Analysis (DCA) ordination classified by species and treatment. Asterisks represent significance levels where: * , **, and *** represent $p<0.1$, $p<0.05$ and $p<0.00$, respectively.

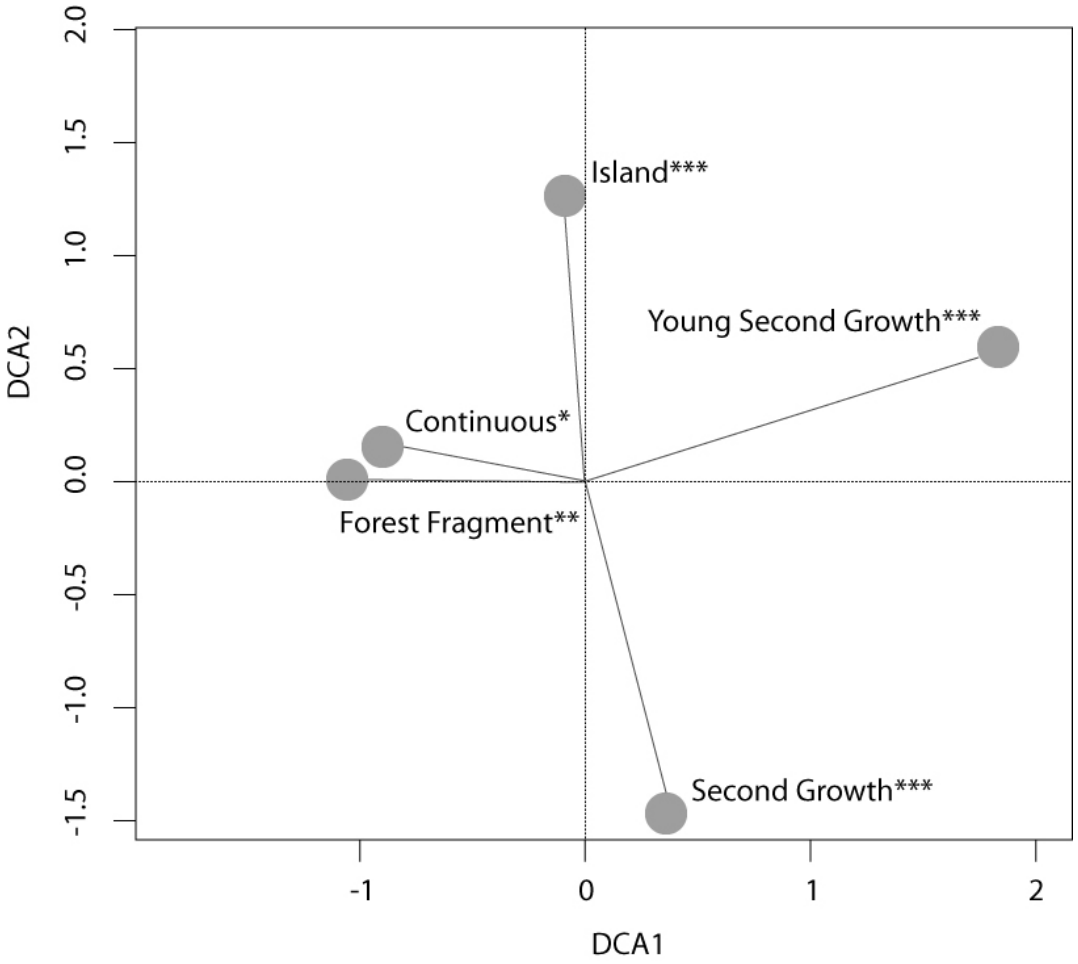

FIG. A5. Results of the sensitivity test where equal point count effort was used in a Detrended Correspondence Analysis (DCA) ordination classified by species and treatment. Asterisks represent significance levels where: * , **, and *** represent $p<0.1$, $p<0.05$ and $p<0.00$, respectively.

FIG. A6. Standing dead trees above the water's surface adjacent to a forested island in the Balbina reservoir, 150km north of Manaus, Brazil. Photo credit: Jared Wolfe