

**Appendix 2.** List of birds with information obtained by the *Similarity percentage* analysis (SIMPER) with the contribution of each species to the similarity/dissimilarity in relation to área *Cecropia membranacea*-dominated understory and adjacent aluvial rainforest in Chandless State Park, Manoel Urbano-AC. SD: Standard deviation; MD: mean contribution of each species to similarity; CE: Contribution of each species in percentage; CC: cumulative contribution percentage by species.

Species	SD	MD	CE (%)	CC (%)
<i>Pipra fasciicauda</i>	0.074	8.331	10.76	10.76
<i>Phlegopsis nigromaculata</i>	0.050	4.594	5.94	16.7
<i>Taraba major</i>	0.035	3.472	4.49	21.18
<i>Akletos goeldii</i>	0.025	3.091	3.99	25.18
<i>Veniliornis passerinus</i>	0.033	2.860	3.70	28.87
<i>Monasa nigrifrons</i>	0.030	2.616	3.38	32.25
<i>Automolus rufipileatus</i>	0.025	2.253	2.91	35.16
<i>Myrmoborus leucophrys</i>	0.030	2.244	2.90	38.06
<i>Cacicus cela</i>	0.058	2.231	2.88	40.94
<i>Momotus momota</i>	0.022	1.906	2.46	43.41
<i>Thamnomanes schistogynus</i>	0.022	1.905	2.46	45.87
<i>Leptotila rufaxilla</i>	0.022	1.866	2.41	48.28
<i>Galbula cyanescens</i>	0.029	1.833	2.37	50.65
<i>Cyanoloxia rothschildii</i>	0.019	1.749	2.26	52.91
<i>Xiphorhynchus guttatoides</i>	0.019	1.565	2.02	54.93
<i>Dendrocincla fuliginosa</i>	0.019	1.231	1.59	56.52
<i>Thalurania furcata</i>	0.030	1.144	1.48	58
<i>Phaethornis hispidus</i>	0.018	1.112	1.44	59.43
<i>Nonnula sclateri</i>	0.018	1.105	1.43	60.86
<i>Cacicus solitarius</i>	0.021	1.097	1.42	62.28
<i>Colaptes punctigula</i>	0.019	1.089	1.41	63.69
<i>Formicarius analis</i>	0.019	1.033	1.33	65.02
<i>Cyphos macrodactylus</i>	0.014	1.007	1.30	66.32
<i>Rhynchocyclus olivaceus</i>	0.028	0.991	1.28	67.6
<i>Coccyzus melacoryphus</i>	0.020	0.929	1.20	68.8
<i>Dendrocolaptes juruanus</i>	0.016	0.886	1.15	69.95
<i>Dendrocincla merula</i>	0.020	0.868	1.12	71.07
<i>Leptopogon amaurocephalus</i>	0.017	0.861	1.11	72.18
<i>Myrmoborus lophotes</i>	0.021	0.831	1.07	73.25
<i>Myrmelastes hyperythrus</i>	0.018	0.805	1.04	74.29
<i>Sittasomus griseicapillus</i>	0.014	0.766	0.99	75.28
<i>Ramphocelus carbo</i>	0.019	0.756	0.98	76.26
<i>Sciaphylax hemimelaena</i>	0.014	0.688	0.89	77.15
<i>Myiarchus ferox</i>	0.014	0.664	0.86	78.01
<i>Oneillornis salvini</i>	0.019	0.663	0.86	78.86
<i>Terentotriccus erythrurus</i>	0.013	0.617	0.80	79.66
<i>Neopelma sulphureiventer</i>	0.018	0.617	0.80	80.46
<i>Attila bolivianus</i>	0.013	0.607	0.78	81.24
<i>Campylorhamphus</i>	0.012	0.591	0.76	82

<i>trochilirostris</i>				
<i>Ceratopipra rubrocapilla</i>	0.015	0.585	0.76	82.76
<i>Dendrocolaptes picumnus</i>	0.015	0.551	0.71	83.47
<i>Geotrygon montana</i>	0.015	0.542	0.70	84.17
<i>Turdus hauxwelli</i>	0.014	0.532	0.69	84.86
<i>Pachyramphus polychopterus</i>	0.014	0.530	0.69	85.54
<i>Piprites chloris</i>	0.013	0.530	0.68	86.23
<i>Myrmotherula longipennis</i>	0.013	0.483	0.62	86.85
<i>Eubucco tucinkae</i>	0.012	0.439	0.57	87.42
<i>Rhegmatorhina melanosticta</i>	0.011	0.430	0.56	87.97
<i>Nonnula ruficapilla</i>	0.016	0.429	0.55	88.53
<i>Xiphorhynchus obsoletus</i>	0.011	0.398	0.51	89.04
<i>Attila spadiceus</i>	0.010	0.375	0.48	89.53
<i>Picumnus rufiventris</i>	0.009	0.358	0.46	89.99
<i>Celeus elegans</i>	0.009	0.344	0.45	90.43
<i>Catharus swainsoni</i>	0.012	0.312	0.40	90.84
<i>Capito auratus</i>	0.012	0.312	0.40	91.24
<i>Cymbilaimus sanctaemariae</i>	0.011	0.299	0.39	91.63
<i>Corythopsis torquatus</i>	0.011	0.286	0.37	92
<i>Automolus infuscatus</i>	0.011	0.286	0.37	92.37
<i>Automolus melanopezus</i>	0.010	0.273	0.35	92.72
<i>Cyanocorax violaceus</i>	0.010	0.273	0.35	93.07
<i>Crypturellus bartletti</i>	0.010	0.273	0.35	93.42
<i>Lathrotriccus eulerei</i>	0.010	0.273	0.35	93.78
<i>Hylophylax punctulatus</i>	0.009	0.243	0.31	94.09
<i>Cnipodectes subbrunneus</i>	0.008	0.227	0.29	94.38
<i>Celeus spectabilis</i>	0.008	0.222	0.29	94.67
<i>Hypocnemis subflava</i>	0.008	0.222	0.29	94.96
<i>Ramphotrigon fuscicauda</i>	0.008	0.222	0.29	95.24
<i>Coccyua minuta</i>	0.008	0.219	0.28	95.52
<i>Trogon curucui</i>	0.008	0.215	0.28	95.8
<i>Thamnophilus schistaceus</i>	0.008	0.215	0.28	96.08
<i>Philydor pyrrhodes</i>	0.008	0.208	0.27	96.35
<i>Chionomesa lactea</i>	0.008	0.206	0.27	96.61
<i>Xiphorhynchus elegans</i>	0.007	0.194	0.25	96.87
<i>Ramphotrigon megacephalum</i>	0.007	0.194	0.25	97.12
<i>Picumnus subtilis</i>	0.007	0.194	0.25	97.37
<i>Elaenia spectabilis</i>	0.007	0.186	0.24	97.61
<i>Myrmotherula axillaris</i>	0.007	0.186	0.24	97.85
<i>Thamnophilus murinus</i>	0.007	0.186	0.24	98.09
<i>Nyctidromus albicollis</i>	0.006	0.172	0.22	98.31
<i>Isleria hauxwelli</i>	0.006	0.172	0.22	98.53
<i>Stelgidopteryx ruficollis</i>	0.006	0.172	0.22	98.76
<i>Glaucidium brasilianum</i>	0.006	0.172	0.22	98.98
<i>Eubucco richardsoni</i>	0.006	0.172	0.22	99.2
<i>Ammodramus aurifrons</i>	0.006	0.155	0.20	99.4
<i>Myrmoborus myotherinus</i>	0.006	0.155	0.20	99.6

<i>Loriotus luctuosus</i>	0.006	0.155	0.20	99.8
<i>Empidonax alnorum</i>	0.006	0.153	0.20	100