

SUPPLEMENTARY MATERIAL

Table S1. Butterfly species abundance in each forest type in Uauacú Lake region, lower Purus river, central Amazonia, Brazil. SM = Sampling method: n = net, t = trap; Strata: U= understory, C = canopy. t* = butterfly that is not usually sampled through attractive trap.

Butterfly species	Igapó	Terra firme	Várzea	SM	Strata	Total
Hesperiidae	2	19	5			26
Hesperiinae		3	3			6
Hesperiini			2			2
<i>Cynea sp</i>			1	n	U	1
Hesperiini sp			1	n	U	1
Moncini		3	1			4
<i>Paracarystus menestries rona</i>		1		n	U	1
<i>Parphorus decora</i>		1		n	U	1
<i>Saturnus reticulata</i>		1		n	U	1
<i>Vehilius stictomenes</i>			1	n	U	1
Pyrginae	2	16	2			20
Eudamini	2	14	1			17
<i>Aguna sp</i>		1		n	U	1
<i>Entheus aureolus</i>		1		n	U	1
<i>Entheus matho dius</i>		1		n	U	1
<i>Hyalothyrus infernalis</i>		7		n	U	7
<i>Hyalothyrus leucomelas</i>	1	1		n	U	2
<i>Hyalothyrus neleus neleus</i>			1	n	U	1
<i>Oileides azines</i>		1		n	U	1
<i>Phanus marshallii</i>		1		n	U	1
<i>Porphyrogenes pausias</i>		1		n	U	1
<i>Salatis fulvius</i>	1			n	U	1
Pyrgini		2	1		U	3
<i>Pythoniades aff grandis</i>			1	n	U	1
<i>Telemiades delalande</i>		2		n	U	2
Lycaenidae	3	11	3			17
Theclinae	3	11	3			17
Eumaeini	3	10	3			16
<i>Calycopis cerata</i>		3		n	U	3
<i>Calycopis sp1</i>		1		n	U	1
<i>Calycopis sp2</i>		1		n	U	1
<i>Caycopis bellera</i>		1		n	U	1
<i>Celmia celmus</i>	2	1	1	n	U	4
<i>Janthecla leea</i>		1		n	U	1

<i>Paiwarria venulius</i>			1	n	U	1
<i>Panthiades aeolus</i>		1		n	U	1
<i>Pseudolycaena marsyas</i>			1	n	U	1
<i>Rekoa stagira</i>	1			n	U	1
<i>Theritas hemon</i>		1		n	U	1
Theclini		1				1
<i>Camissecla aff vesper</i>		1		n	U	1
Nymphalidae	106	193	227			526
Biblidinae	27	16	17			60
Ageroniini	6	1	6			13
<i>Ectima iona</i>	1		1	n	U	2
<i>Ectima thecla</i>	1			n	U	1
<i>Hamadryas arinome</i>	3	1	2	t	U,C	6
<i>Hamadryas feronia</i>	1		1	t	U	2
<i>Hamadryas laodamia</i>			2	t	U	2
Epicaliini	18	13	3			34
<i>Catonephele acontius</i>	7	5	1	t	U,C	13
<i>Catonephele antinoe</i>	8		2	n,t	U,C	10
<i>Catonephele numilia</i>		3		t	U,C	3
<i>Eunica alpais alpais</i>	1			n	U	1
<i>Eunica concordia</i>	1			n	U	1
<i>Nessaea obrinus</i>	1	5		n,t	U	6
Epiphilini	1	1	8			10
<i>Pyrrhogyra crameri nautaca</i>			4	n	U	4
<i>Temenis laothoe</i>	1	1	4	t	C	6
Eunicini	2	1				3
<i>Eunica eurota</i>		1		t	C	1
<i>Eunica orphise</i>	2			t	C	2
Charaxinae	16	9	1			26
Anaeini	5	8	1			14
<i>Memphis leonida</i>		4		t	U,C	4
<i>Memphis moruus moruus</i>	1		1	t	C	2
<i>Memphis phantes vicina</i>	1	1		t	U,C	2
<i>Memphis polycarmes</i>	1			t	U	1
<i>Siderone galanthis galanthis</i>	1			t	C	1
<i>Zaretis isidora</i>	1	2		t	U,C	3
<i>Zaretis itys</i>		1		t	U	1
Preponini	11	1				12
<i>Archaeoprepona demophon demophon</i>	6			t	U	6
<i>Archaeoprepona demophoon</i>	1			t	U	1
<i>Prepona dexamenus</i>	2			t	C	2
<i>Prepona laertes demodice</i>	2	1		t	U,C	3
Cyrestinae	1	1	1			3
Cyrestini	1	1	1			3
<i>Marpesia crethon</i>	1	1		n	U	2
<i>Marpesia egina</i>			1	n	U	1

Danainae	5	5			10
Danaini	1				1
<i>Hypothyris aff daphnis</i>	1		n	U	1
Ithomiini	4	5			9
<i>Forbestria olivencia truncata</i>		1	n	U	1
<i>Hyposcada illinissa illinissa</i>	1		n	U	1
<i>Hypothyris fluonia fluonia</i>		1	n	U	1
<i>Mechanitis mazaesus egaensis</i>		1	n	U	1
<i>Mechanitis polymnia apicenotata</i>		1	n	U	1
<i>Melinaea ludovica ludovica</i>	2		n	U	2
<i>Melinaea mneme mauensis</i>	1		n	U	1
<i>Tithorea harmonia egaensis</i>		1	n	U	1
Heliconiinae	14	3	10		27
Heliconiini	14	3	10		27
<i>Dryas iulia</i>		1	n	U	1
<i>Heliconius aeode</i>		1	n	U	1
<i>Heliconius antiochus</i>	10		2	n	12
<i>Heliconius erato lavitta</i>		1	n	U	1
<i>Heliconius numata silvana</i>		1	n	U	1
<i>Heliconius pardalinus pardalinus</i>			5	n	5
<i>Heliconius sara</i>	4		1	n	5
<i>Heliconius wallacei</i>			1	n	1
Limenitidinae	1				1
Limenitidini	1				1
<i>Adelpha nea nea</i>	1		n	U	1
Nymphalinae	8	5	2		15
Coeini	8	5	2		15
<i>Baeotus aeilus</i>	1		t	U	1
<i>Colobura dirce</i>	2		t	U	2
<i>Historis acheronta</i>	3	1	t	C	4
<i>Historis odius</i>	2	1	2	n,t	5
<i>Tigridia acesta</i>		3	n	U	3
Satyrinae	39	154	191		384
Brassolini	5	24	1		30
<i>Bia actorion</i>		19	n,t	U	19
<i>Catoblepia berecynthia</i>		3	n,t	U	3
<i>Catoblepia soranus</i>	1	2	n,t	U	3
<i>Catoblepia xanthicles</i>	1		t	U	1
<i>Opsiphanes invirae</i>	3		t	U,C	3
<i>Opsiphanes quiteria quiteria</i>			1	t	1
Haeterini	58				58
<i>Cithaerias aurora</i>	9		n,t	U	9
<i>Cithaerias pireta</i>	1		n	U	1
<i>Haetera piera</i>	5		n	U	5
<i>Pierella astyoche bernhardina</i>	2		n	U	2
<i>Pierella chalybaea</i>	18		n	U	18

<i>Pierella hortona hortona</i>		2		n	U	2
<i>Pierella lena brasiliensis</i>		21		n	U	21
Morphini	3	4	4			11
<i>Antirrhea taygetina</i>			2	n	U	2
<i>Caerois chorinaeus protone</i>		1		n	U	1
<i>Morpho achilles</i>	2	1	2	n,t	U	5
<i>Morpho helenor</i>		2		n	U	2
<i>Morpho menelaus terrestris</i>	1			n	U	1
Satyrini	31	68	186			285
<i>Amiga arnaca arnaca</i>		5		n,t	U	5
<i>Amphidecta calliomma</i>			4	t	U	4
<i>Amphidecta pignerator pignerator</i>			2	n,t	U	2
<i>Caeruleptychia sp</i>			1	t	C	1
<i>Chloreuptychia chlorimene</i>	12	3	3	n,t	U	18
<i>Chloreuptychia herseis</i>	4	10	20	n,t	U	34
<i>Chloreuptychia tolumnia</i>	1		6	n,t	U	7
<i>Cissia myncea</i>			8	t	U,C	8
<i>Erichthodes antonina</i>	2		2	t	U	4
<i>Euptychia mollina</i>		5		n	U	5
<i>Hermeuptychia hermes</i>	1		9	n	U	10
<i>Hermeuptychia maimoune</i>			3	n,t	U,C	3
<i>Hermeuptychia undulata</i>	6			n	U	6
<i>Magneuptychia aff ocnus</i>			11	n,t	U,C	11
<i>Magneuptychia analis</i>		3		n	U	3
<i>Magneuptychia fugitiva</i>		5		t	U	5
<i>Magneuptychia harpyia batesii</i>		1		n	U	1
<i>Magneuptychia ocnus</i>			15	n,t	U,C	15
<i>Magneuptychia tricolor tricolor</i>		3		n	U	3
<i>Nubila nortia</i>		20		n	U	20
<i>Pareuptychia binocula</i>			1	n	U	1
<i>Pareuptychia summandosa</i>			2	t	U	2
<i>Posttaygetis penelea</i>			3	t	U	3
<i>Pseudodebis marpessa</i>			22	n,t	U	22
<i>Pseudodebis valentina</i>	5		17	n,t	U,C	22
<i>Scriptor sphenophorus</i>		6		n	U	6
<i>Taygetis cleopatra</i>		1	1	n,t	U	2
<i>Taygetis laches</i>		4		n,t	U	4
<i>Taygetis mermeria</i>			42	n,t	U	42
<i>Taygetis rufomarginata</i>			9	n,t	U	9
<i>Taygetis thamyra</i>		1		t	U	1
<i>Taygetis virgilia</i>			5	t	U,C	5
<i>Vanima lesbia</i>		1		n	U	1
Papilionidae	1		5			6
Papilioninae	1		5			6
Leptocircini	1		1			2
<i>Neographium agesilaus autosilaus</i>			1	n	U	1

<i>Protesilaus telesilaus</i>	1			n	U	1
Papilionini			1			1
<i>Heraclides hyppason</i>			1	n	U	1
Troidini			3			3
<i>Parides anchises</i>			2	n	U	2
<i>Parides vertumnus astorius</i>			1	n	U	1
Pieridae	4	1	5			10
Coliadinae	3	1	5			9
Coliadini	3	1				4
<i>Phoebis argante</i>	2			n	U	2
<i>Phoebis philea</i>		1		n	U	1
<i>Phoebis statira</i>	1			n	U	1
Euremini			5			5
<i>Eurema albula</i>			5	n	U	5
Pierinae	1					1
Pierini	1					1
<i>Glutophrissa drusilla tenuis</i>	1			n	U	1
Riodinidae	26	63	52			141
Euselasiinae	6	14	2			22
Euselasiini	6	14	2			22
<i>Euselasia calligramma</i>	2			n	U	2
<i>Euselasia charilis</i>		1		n	U	1
<i>Euselasia euriteus</i>		5		n	U	5
<i>Euselasia eutyclus</i>	3	1	2	n	U	6
<i>Euselasia hygenius</i>		1		n	U	1
<i>Euselasia melaphaea</i>		5		n	U	5
<i>Euselasia orba orba</i>	1			n	U	1
<i>Euselasia orba spectralis</i>		1		n	U	1
Riodininae	20	49	50			119
Eurybiini		11				11
<i>Alesa hemiurga</i>		1		n	U	1
<i>Eurybia nicaeus erythinos</i>		6		n	U	6
<i>Eurybia nicaeus nicaeus</i>		4		n	U	4
Helicopini	1		6			7
<i>Anteros formosus</i>			1	n	U	1
<i>Emesis cerea</i>	1		1	n	U	2
<i>Helicopsis cupido incerta</i>			1	n	U	1
<i>Helicopsis gnidus interrupta</i>			3	n	U	3
Mesosemiini	3	8	1			12
<i>Eunogyra satyrus</i>		1		n	U	1
<i>Hyphilaria parthenis</i>		2	1	n	U	3
<i>Leucochimona icare</i>		1		n	U	1
<i>Mesosemia issia</i>		2		n	U	2
<i>Mesosemia melaene melaene</i>		1		n	U	1
<i>Mesosemia nyctea nyctea</i>	2			n	U	2
<i>Mesosemia spl</i>	1			n	U	1

<i>Mesosemia sp2</i>		1		n	U	1
Nymphidiini	9	16	18			43
<i>Adelotypa epixanthe</i>		1		n	U	1
<i>Adelotypa hubneri</i>		4		n	U	4
<i>Adelotypa panthea auseris</i>	2	2		n	U	4
<i>Calospila lucianus lucianus</i>			2	n	U	2
<i>Juditha caucana</i>	2		1	n	U	3
<i>Lemonias egaensis</i>	1			n	U	1
<i>Nymphidium ascolia</i>		2	12	n	U	14
<i>Nymphidium azanoides amazonensis</i>	1	1		n	U	2
<i>Nymphidium baeotia</i>	1	5		n	U	6
<i>Nymphidium caricae parthenium</i>	1			n	U	1
<i>Nymphidium mantus</i>	1			n	U	1
<i>Nymphidium ninias</i>		1		n	U	1
<i>Setabis myrtis myrtis</i>			1	n	U	1
<i>Synargis calyce</i>			1	n	U	1
<i>Synargis pitteus</i>			1	n	U	1
Riodinini	1	6	3			10
<i>Amarynthia meneria</i>			1	n	U	1
<i>Ancyluris aulestes</i>		1		t*	U	1
<i>Ancyluris moliboeus eudaemon</i>		1		n	U	1
<i>Cartea vitula trailii</i>	1			n	U	1
<i>Detritivora sp</i>		1		n	U	1
<i>Exoplisia cadmeis</i>		1		n	U	1
<i>Metacharis lucius</i>			1	n	U	1
<i>Riodina lysippus lysias</i>		1	1	n	U	2
<i>Themone pais sublimata</i>		1		t*	U	1
Stalachtini	5	8	22			35
<i>Stalachtis calliope</i>	1	1		n	U	2
<i>Stalachtis euterpe latefasciata</i>	4	7	22	n	U	33
Symmachiini	1					1
<i>Phaenochitonia cingulus</i>	1			n	U	1
Total	142	287	297			726