

Table S1. List of *Ameerega trivittata* samples processed.

Haplotype	GenBank accession number	Country	Locality	Latitude	Longitude	Collector / Reference
H15	MZ568660	Brasil	Tefé	-3.46444	-64.67972	P. I. SIMÕES
H15	MZ568661	Brasil	Tefé	-3.46444	-64.67972	P. I. SIMÕES
H15	MZ568662	Brasil	Tefé	-3.46444	-64.67972	P. I. SIMÕES
H1	MZ568663	Brasil	Madeira River, Castanho	-5.26545	-61.94445	A. P. LIMA
H1	MZ568664	Brasil	Madeira River, Ilha do Búfalo	-9.14375	-64.51606	A. P. LIMA
H1	MZ568665	Brasil	Madeira River, Ilha do Búfalo	-9.14375	-64.51606	A. P. LIMA
H1	MZ568666	Brasil	Madeira River, Ilha do Búfalo	-9.14375	-64.51606	A. P. LIMA
H5	MZ568667	Brasil	Madeira River, Jirau Direito	-9.32417	-64.71083	A. P. LIMA
H1	MZ568668	Brasil	Madeira River, Ilha da Pedra	-9.15889	-64.63389	A. P. LIMA
H1	MZ568669	Brasil	Madeira River, Ilha da Pedra	-9.15889	-64.63389	A. P. LIMA
H16	MZ568670	Brasil	Madeira River, Ilha da Pedra	-9.15889	-64.63389	A. P. LIMA
H1	MZ568671	Brasil	Madeira River, Teotônio	-8.84788	-64.06847	A. P. LIMA
H5	MZ568672	Brasil	Purus River, Camicuã	-8.72703	-67.42433	A. P. LIMA
H5	MZ568673	Brasil	Purus River, Camicuã	-8.72703	-67.42433	A. P. LIMA
H5	MZ568674	Brasil	Purus River, Camicuã	-8.72703	-67.42433	A. P. LIMA
H5	MZ568675	Brasil	Purus River, Camicuã	-8.72703	-67.42433	A. P. LIMA
H17	MZ568676	Brasil	Juruá River, Ipixuna	-7.05225	-71.69469	A. P. LIMA
H18	MZ568677	Brasil	Juruá River, Seringal do Condor	-6.74825	-70.78964	A. P. LIMA
H3	MZ568678	Brasil	Alenquer	-1.45639	-55.09750	A. P. LIMA & P. I. SIMÕES
H3	MZ568679	Brasil	Alenquer	-1.45639	-55.09750	A. P. LIMA & P. I. SIMÕES
H3	MZ568680	Brasil	Alenquer	-1.45639	-55.09750	A. P. LIMA & P. I. SIMÕES
H3	MZ568681	Brasil	Alenquer	-1.45639	-55.09750	A. P. LIMA & P. I. SIMÕES
H3	MZ568682	Brasil	Alenquer	-1.45639	-55.09750	A. P. LIMA & P. I. SIMÕES
H20	MZ568683	Brasil	Lago Miriti	-3.32161	-59.54158	A. P. LIMA

H21	MZ568684	Brasil	Lago Miriti	-3.32161	-59.54158	A. P. LIMA
H2	MZ568685	Brasil	Lago Miriti	-3.32161	-59.54158	A. P. LIMA
H26	MZ568687	Brasil	Lago Miriti	-3.32161	-59.54158	A. P. LIMA
H24	MZ568686	Brasil	Manaquiri	-3.68948	-60.33507	A. P. LIMA
H25	MZ568688	Brasil	Manaquiri	-3.68948	-60.33507	A. P. LIMA
H24	MZ568689	Brasil	Manaquiri	-3.68751	-60.33170	M. FERRÃO, L. JOÃO & A. P. LIMA
H24	MZ568690	Brasil	Manaquiri	-3.68751	-60.33170	M. FERRÃO, L. JOÃO & A. P. LIMA
H22	MZ568691	Brasil	Manaus 1	-3.35338	-59.85563	A. DE LIMA, M. JURUNA & A. P. LIMA
H23	MZ568692	Brasil	Manaus 2	-3.66866	-60.30093	M. FERRÃO, PINDUCA & A. P. LIMA
H2	MZ568693	Brasil	Manaus 2	-3.67615	-60.29618	RATO, RUBICO & A. P. LIMA
H2	MZ568694	Brasil	Manaus 2	-3.67615	-60.29618	RATO, RUBICO & A. P. LIMA
H19	MZ568695	Brasil	Madeira River, Humaitá	-6.56312	-62.93648	RATO, PHILIPPE & A. P. LIMA
H19	MZ568696	Brasil	Madeira River, Humaitá	-6.56312	-62.93648	A. P. LIMA
H21	MZ568697	Brasil	Tapajós River, left side	-5.06892	-56.87200	Y. BITAR
H21	MZ568698	Brasil	Tapajós River, left side	-5.06892	-56.87200	Y. BITAR
H7	MZ568699	Brasil	Porto Walter	-8.24875	-72.78001	M. MAYER & P. BERNARDE
H7	MZ568700	Brasil	Porto Walter	-8.24875	-72.78001	M. MAYER & P. BERNARDE
H7	MZ568701	Brasil	Porto Walter	-8.24875	-72.78001	M. MAYER & P. BERNARDE
H7	DQ523029	Brazil	Porto Walter	-8.25000	-72.74000	ROBERTS et al. 2006
H7	DQ502082	Brazil	Porto Walter	-8.25867	-72.77697	GRANT et al. 2006
H7	DQ502219	Brazil	Porto Walter	-8.25867	-72.77697	GRANT et al. 2006
H8	DQ502227	Brazil	Porto Walter	-8.25867	-72.77697	GRANT et al. 2006
H7	EU342633	Brazil	Porto Walter	-8.25867	-72.77697	SANTOS et al. 2009
H7	EU342634	Brazil	Porto Walter	-8.25867	-72.77697	SANTOS et al. 2009
H3	DQ502112	Brazil	Uatumã River, Balbina	-1.91015	-59.54855	GRANT et al. 2006
H2	DQ502147	Brazil	Castanho, 40km S Manaus	-3.61956	-60.45511	GRANT et al. 2006
H2	EU342626	Brazil	Castanho, 40km S Manaus	-3.61956	-60.45511	SANTOS et al. 2009
H2	DQ502148	Brazil	Castanho, 40km S Manaus	-3.61956	-60.45511	GRANT et al. 2006

H14	EU342631	Peru	Tahuayo	-4.31400	-73.23259	SANTOS et al. 2009
H13	DQ523031	Peru	Manati River	-3.65201	-72.20045	ROBERTS et al. 2006
H27	MZ568702	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H28	MZ568703	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H27	MZ568704	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H27	MZ568705	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H27	MZ568706	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H27	MZ568707	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H29	MZ568708	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H27	MZ568709	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H30	MZ568710	Peru	Bolognesi	-10.06923	-73.91740	M. MAYER
H12	MZ568711	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H12	MZ568712	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H7	MZ568713	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H12	MZ568714	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H7	MZ568715	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H12	MZ568716	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H12	MZ568717	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H31	MZ568718	Peru	Contamana	-7.22536	-74.95925	M. MAYER
H32	MZ568719	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H33	MZ568720	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H4	MZ568721	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H32	MZ568722	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H34	MZ568723	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H33	MZ568724	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H35	MZ568725	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H32	MZ568726	Peru	Panguana	-9.58333	-74.80000	M. MAYER
H36	MZ568727	Peru	Panguana	-9.58333	-74.80000	M. MAYER

H4	DQ502111	Peru	Panguana	-9.58333	-74.80000	GRANT et al. 2006
H7	MZ568728	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H7	MZ568729	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H7	MZ568730	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H7	MZ568731	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H7	MZ568732	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H7	MZ568733	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H7	MZ568734	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H7	MZ568735	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H27	MZ568736	Peru	Sepahua	-11.13100	-73.05800	M. MAYER
H6	MZ568737	Peru	Pebas	-3.31285	-71.85243	M. MAYER
H9	MZ568738	Peru	Shucushuyaco	-6.03204	-75.85705	M. MAYER
H9	MZ568739	Peru	Cainarachi Valley	-6.33289	-76.28336	M. CHOUTEAU
H9	MZ568740	Peru	Cainarachi Valley	-6.42370	-76.29972	M. MAYER
H9	EU342628	Peru	Shapaja	-6.58088	-76.26275	SANTOS et al. 2009
H11	DQ523030	Peru	Chumilla	-6.61859	-76.18432	ROBERTS et al. 2006
H10	DQ523071	Peru	Tarapoto	-6.46161	-76.35080	ROBERTS et al. 2006
H9	EU342630	Peru	Tarapoto	-6.46161	-76.35080	SANTOS et al. 2009
H12	DQ523050	Peru	Cordillera Azul	-6.93666	-76.23903	ROBERTS et al. 2006
H9	DQ523068	Peru	Soldado Oliva	-5.30416	-78.38802	ROBERTS et al. 2006
H5	DQ502021	Peru	Puerto Maldonado	-12.83715	-69.29372	GRANT et al. 2006
H5	DQ502023	Peru	Puerto Maldonado	-12.83715	-69.29372	GRANT et al. 2006
H6	EU342632	Colombia	Leticia	-4.12330	-69.94910	SANTOS et al. 2009
H6	DQ502267	Colombia	Leticia	-4.12330	-69.94910	GRANT et al. 2006
H6	HQ291002	Colombia	Leticia	-4.12330	-69.94910	SANTOS et al. 2011
H3	MZ568741	Suriname	Kabo Forestry Concession	5.26642	-55.75567	R. ERNST
H3	DQ502250	Suriname	Paramaribo-Apura road	5.55848	-55.42227	GRANT et al. 2006
H3	EU342627	Suriname	Brokopondo	5.02026	-55.07899	SANTOS et al. 2009
