

S2 Table. Per-population sample sizes for the *H. melpomene*-clade and the *H. erato*-clade used in the respective analyses.

Taxon Name	Location	Sequencing	Tree	pi/TajD/ihh12	SF	VF	PSMC'	Comment
<i>Heliconius besckei</i>	Brazil	11	11	11	11	11	4	
<i>Heliconius cydno</i> ssp. <i>chioneus</i>	Panamá	11	11	11	11	11	10	
<i>Heliconius cydno</i> ssp. <i>cordula</i>	Venezuela	3	3	NA	NA	NA	3	
<i>Heliconius cydno</i> ssp. <i>cydnides</i>	Colombia	10	10	10	10	10	NA	
<i>Heliconius cydno</i> ssp. <i>weymeri</i> f. <i>gustavi</i>	Colombia	10	10	10	10	10	NA	
<i>Heliconius cydno</i> ssp. <i>weymeri</i> f. <i>weymeri</i>	Colombia	10	10	10	10	10	NA	
<i>Heliconius cydno</i> ssp. <i>zelinde</i>	Colombia	10	10	10	10	10	10	
<i>Heliconius elevatus</i>	Ecuador	14	14	14	14	14	3	
<i>Heliconius hecale</i>	Panamá/Peru	2	2	NA	NA	NA	NA	
<i>Heliconius heurippa</i>	Colombia	23	23	23	23	23	3	
<i>Heliconius ismenius</i>	Panamá	2	2	NA	NA	NA	NA	
<i>Heliconius melpomene</i> ssp. <i>aglaope</i>	Peru	4	4	4	4	4	4	
<i>Heliconius melpomene</i> ssp. <i>amaryllis</i>	Peru	38	38	38	38	38	10	
<i>Heliconius melpomene</i> ssp. <i>burchelli</i>	Brazil	3	3	NA	NA	NA	NA	
<i>Heliconius melpomene</i> ssp. <i>cythera</i>	Ecuador	10	10	10	10	10	NA	
<i>Heliconius melpomene</i> ssp. <i>ecuadorensis</i>	Ecuador	10	10	10	10	10	NA	
<i>Heliconius melpomene</i> ssp. <i>meriana</i>	Suriname/French Guiana	10	10	10	10	10	2	
<i>Heliconius melpomene</i> ssp. <i>malleti</i>	Ecuador	29	29	29	29	29	NA	
<i>Heliconius melpomene</i> ssp. <i>malleti</i>	Colombia	23	23	23	23	23	10	
<i>Heliconius melpomene</i> ssp. <i>melpomene</i>	Panamá	8	8	8	8	8	3	
<i>Heliconius melpomene</i> ssp. <i>melpomene</i>	French Guiana	11	11	11	11	11	10	
<i>Heliconius melpomene</i> ssp. <i>melpomene</i>	Colombia	18	18	18	18	18	5	
<i>Heliconius melpomene</i> ssp. <i>nanna</i>	Brazil	12	12	12	12	12	4	
<i>Heliconius melpomene</i> ssp. <i>plesseni</i>	Ecuador	12	12	12	12	12	3	
<i>Heliconius melpomene</i> ssp. <i>rosina</i>	Panamá	10	10	10	10	10	10	
<i>Heliconius melpomene</i> ssp. <i>vicina</i>	Colombia	3	3	NA	NA	NA	NA	
<i>Heliconius melpomene</i> ssp. <i>vulcanus</i>	Panama/Colombia	11	11	11	11	11	10	
<i>Heliconius melpomene</i> ssp. <i>xenoclea</i>	Peru	10	10	10	10	10	NA	
<i>Heliconius numata</i> ssp. <i>numata</i>	French Guiana	1	1	1	outgroup	outgroup	NA	
<i>Heliconius numata</i> ssp. <i>silvana</i>	Peru/French Guiana	4	4	4	outgroup	outgroup	NA	
<i>Heliconius pachinus</i>	Panamá	10	10	10	10	10	2	
<i>Heliconius pardalinus</i> ssp. <i>sergestus</i>	Peru	1	1	1	NA	NA	NA	
<i>Heliconius pardalinus</i> ssp. <i>ssp.nov.P</i>	Peru	1	1	1	NA	NA	NA	
<i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>timareta</i>	Ecuador	9	9	9	9	9	NA	
<i>Heliconius timareta</i> ssp. <i>timareta</i> f. <i>contigua</i>	Ecuador	11	11	11	11	11	NA	
<i>Heliconius timareta</i> ssp. <i>nov.</i>	Colombia	6	6	6	6	6	NA	
<i>Heliconius timareta</i> ssp. <i>florencia</i>	Colombia	20	20	20	20	20	10	
<i>Heliconius timareta</i> ssp. <i>linaresi</i>	Colombia	19	19	19	19	19	NA	
<i>Heliconius timareta</i> ssp. <i>nov.</i>	Ecuador	25	25	25	25	25	NA	
<i>Heliconius timareta</i> ssp. <i>thelxinoe</i>	Peru	39	39	39	39	39	10	

Taxon Name	Location	Sequencing	Tree	pi/TajD/ihh12	SF	VF	PSMC'	Comment
<i>Heliconius erato amalfreda</i>	Suriname	5	NA	5	5	NA	5	PSMC' published in [51]
<i>Heliconius erato cyrbia</i>	Ecuador	4	NA	4	4	NA	4	PSMC' published in [51]
<i>Heliconius erato demophoon</i>	Panama	10	NA	10	10	NA	10	PSMC' published in [51]
<i>Heliconius erato emma</i>	Peru	11	NA	11	11	NA	11	PSMC' published in [51]
<i>Heliconius erato</i>	French Guiana	6	NA	6	6	NA	6	PSMC' published in [51]
<i>Heliconius erato etylus</i>	Ecuador	5	NA	5	5	NA	5	PSMC' published in [51]
<i>Heliconius erato favorinus</i>	Peru	12	NA	12	12	NA	12	PSMC' published in [51]
<i>Heliconius erato hydara</i>	French Guiana	5	NA	5	5	NA	5	PSMC' published in [51]
<i>Heliconius erato hydara</i>	Panama	6	NA	6	6	NA	6	PSMC' published in [51]
<i>Heliconius erato lativitta</i>	Ecuador	5	NA	5	5	NA	5	PSMC' published in [51]
<i>Heliconius erato notabilis</i>	Ecuador	10	NA	10	10	NA	10	PSMC' published in [51]
<i>Heliconius erato venus</i>	Colombia	5	NA	5	5	NA	5	PSMC' published in [51]
<i>Heliconius himera</i>	Ecuador/Peru	9	NA	9	9	NA	9	PSMC' published in [51]
<i>Heliconius erato chestertonii</i>	Colombia	7	NA	7	7	NA	7	PSMC' published in [51]
<i>Heliconius hermathena</i>	Brazil	3	NA	3	outgroup	NA	NA	PSMC' published in [51]