

Supplementary Information 2

Article title: Landscape disturbance and change lead to impoverishment and homogenization of butterfly assemblages in Southern Mexico

Journal name: Neotropical Entomology

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Butterfly species registered in the study area. Gen and Spe refers to hábitat category of each specie (See methods for more details)

Family	Subfamily	Specie	Gen	Spe
Papilionidae	Papilioninae	<i>Battus polydamas polydamas</i> (Linnaeus, 1758)	X	
		<i>Heraclides astyalus bajaensis</i> (J.W. Brown & Faulkner, 1992)	X	
		<i>Heraclides cresphontes</i> (Cramer, 1777)	X	
		<i>Heraclides thoas autocles</i> (Rothschild & Jordan, 1906)	X	
		<i>Mimoides phaon phaon</i> (Boisduval, 1836)	X	
		<i>Papilio polyxenes asterius</i> (Stoll, 1782)	X	
		<i>Parides montezuma</i> (Westwood, 1842)		X
		<i>Parides photinus</i> (Doubleday, 1844)	X	
		<i>Protographium epidaus fenochionis</i> (Salvin & Godman, 1868)	X	
		<i>Protographium philolaus philolaus</i> (Boisduval, 1836)	X	
		<i>Pterourus garamas abderus</i> (Hopffer, 1856)	X	
		<i>Pterourus menatius morelius</i> (Rothschild & Jordan, 1906)	X	
Pieridae	Dismorphiinae	<i>Enantia albania albania</i> (H.W. Bates, 1864)		X
	Coliadinae	<i>Abaeis nicippe</i> (Cramer, 1779)	X	
		<i>Anteos clorinde</i> (Godart, [1824])	X	
		<i>Anteos maerula</i> (Fabricius, 1775)	X	
		<i>Aphrissa statira statira</i> (Cramer, 1777)	X	
		<i>Eurema albula celata</i> (R. Felder, 1869)	X	
		<i>Eurema arbela boisduvaliana</i> (C. Felder & R. Felder, 1865)	X	
		<i>Eurema दौर eugenia</i> (Wallengren, 1860)	X	

		<i>Eurema mexicana mexicana</i> (Boisduval, 1836)	X	
		<i>Eurema salome jamapa</i> (Reakirt, 1866)	X	
		<i>Kricogonia lyside</i> (Godart, 1819)	X	
		<i>Nathalis iole</i> (Boisduval, 1836)	X	
		<i>Phoebis agarithe agarithe</i> (Boisduval, 1836)	X	
		<i>Phoebis argante</i> (Brown, 1929)	X	
		<i>Phoebis neocypris virgo</i> (Butler, 1870)	X	
		<i>Phoebis philea philea</i> (Linnaeus, 1763)	X	
		<i>Phoebis sennae marcellina</i> (Cramer, 1777)	X	
		<i>Pyrisitia dina westwoodi</i> (Boisduval, 1836)	X	
		<i>Pyrisitia lisa centralis</i> (Herrich-Schäffer, 1865)	X	
		<i>Pyrisitia nise nelphe</i> (R. Felder, 1869)	X	
		<i>Pyrisitia proterpia</i> (Fabricius, 1775)	X	
		<i>Zerene cesonia cesonia</i> (Stoll, 1790)	X	
		<i>Ascia monuste monuste</i> (Linnaeus, 1764)	X	
		<i>Glutophrissa drusilla tenuis</i> (Lamas, 1981)	X	
		<i>Melete lycimnia isandra</i> (Boisduval, 1836)	X	
	Pierinae	<i>Hesperocharis costaricensis pasion</i> (Reakirt, [1867])	X	
		<i>Itaballia demophile centralis</i> (Joicey & Talbot, 1928)	X	
		<i>Leptophobia aripa elodia</i> (Boisduval, 1836)	X	
Nymphalidae	Apaturinae	<i>Doxocopa laure laure</i> (Drury, 1773)	X	
		<i>Danaus eresimus montezuma</i> (Talbot, 1943)	X	
	Danainae	<i>Danaus gilippus thersippus</i> (H.W. Bates, 1863)	X	
		<i>Danaus plexippus plexippus</i> (Linnaeus, 1758)	X	
		<i>Agraulis vanillae incarnata</i> (Riley, 1926)	X	
	Heliconiinae	<i>Dione junio huascuma</i> (Reakirt, 1866)	X	
		<i>Dione moneta poeyii</i> (Butler, 1873)	X	
		<i>Dryadula phaetusa</i> (Linnaeus, 1758)	X	
		<i>Dryas iulia moderata</i> (Riley, 1926)	X	
		<i>Eueides isabella eva</i> (Fabricius, 1793)	X	
		<i>Euptoieta hegesia meridiania</i> (Stichel, 1938)	X	
		<i>Heliconius charithonia vazquezae</i> (W.P. Comstock & F.M. Brown, 1950)	X	
	Biblidinae	<i>Adelpha fessonia fessonia</i> (Hewitson, 1847)	X	
		<i>Adelpha basiloides</i> (H.W. Bates, 1865)	X	
		<i>Dynamine postverta mexicana</i> (d'Almeida, 1952)	X	
		<i>Hamadryas amphinome mexicana</i> (Lucas, 1853)	X	
		<i>Hamadryas februa ferentina</i> (Godart, [1824])	X	
		<i>Hamadryas feronia farinulenta</i> (Fruhstorfer, 1916)	X	
		<i>Hamadryas glauconome glauconome</i> (H.W. Bates, 1864)	X	
		<i>Hamadryas guatemalena guatemalena</i> (H.W. Bates, 1864)	X	

		<i>Marpesia chiron marius</i> (Cramer, 1779)	X	
		<i>Marpesia petreus</i> (Cramer, 1776)	X	
		<i>Mestra dorcas amymone</i> (Ménétriés, 1857)	X	
		<i>Myscelia cyaniris cyaniris</i> Doubleday, [1848]	X	
		<i>Myscelia ethusa ethusa</i> (Doyère, [1840])	X	
	Nymphalinae	<i>Anartia amathea fatima</i> (Fabricius, 1793)	X	
		<i>Anartia jatrophae luteipicta</i> (Fruhstorfer, 1907)	X	
		<i>Anaea aidea</i> (Guérin-Meneville, 1844)		X
		<i>Anthanassa tulcis</i> (Bates, 1864)	X	
		<i>Castilia eranites</i> (Hewitson, 1857)	X	
		<i>Chlosyne janais janais</i> (Drury, 1782)	X	
		<i>Chlosyne lacinia lacinia</i> (Geyer, 1837)	X	
		<i>Chlosyne theona theona</i> (Ménétriés, 1855)	X	
		<i>Hypanartia godmanii</i> (H.W. Bates, 1864)		X
		<i>Microtia elva elva</i> (H.W. Bates, 1864)	X	
		<i>Phyciodes pallescens</i> (R. Felder, 1869)	X	
		<i>Siproeta stelenes biplagiata</i> (Fruhstorfer, 1907)	X	
		<i>Smyrna blomfieldia datis</i> (Fruhstorfer, 1908)	X	
		<i>Texola elada elada</i> (Hewitson, 1868)	X	
		<i>Vanessa cardui</i> (Linnaeus, 1758)	X	
	Charaxinae	<i>Archaeoprepona demophoon gulina</i> (Fruhstorfer, 1904)		X
		<i>Consul electra electra</i> (Westwood, 1850)		X
		<i>Fountainea euryppyle confusa</i> (A. Hall, 1929)		X
		<i>Memphis arginussa eubaena</i> (Boisduval, 1870)		X
		<i>Memphis hedemanni</i> (R. Felder, 1869)		X
		<i>Prepona laertes octavia</i> (Fruhstorfer, 1905)		X
		<i>Siderone galanthis</i> (Cramer, 1775)	X	
	Morphinae	<i>Opsiphanes boisduvallii</i> (Doubleday, [1849])	X	
		<i>Opsiphanes cassina fabricii</i> (Boisduval, 1870)	X	
	Satyrinae	<i>Cissia pompilia</i> (C.Felder & R. Felder, 1867)	X	
		<i>Taygetis thamyra</i> (Cramer, 1779)	X	