

BUTTERFLIES OF MISMALOYA, JALISCO, AND ADJACENT PARTS OF BANDERAS BAY AND SOUTHERN NAYARIT, MEXICO

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ABSTRACT

The butterfly species occurring in the Banderas Bay region of southern Nayarit and northern Jalisco, México, are listed. Vernacular English names have been included for all species, many of which are proposed here. All species known to occur in Mismaloya, Jalisco, are indicated. It is known as the richest site in Jalisco in terms of overall butterfly diversity, with 315 species recorded to date. Species considered likely to be found in the area in the future are included, mostly being species known from areas to the north or south of Banderas Bay, in similar habitats below 1000m elevation. A total of 505 species are estimated to eventually be found in the Banderas Bay area in the future, while the true butterfly diversity along Mismaloya River could be as great as 430 species. Based on these numbers, despite being the best known site in the state for butterflies, the butterfly fauna in Mismaloya is estimated to be about 75% known.

RESUMEN

Se presenta una lista de mariposas de Bahía de Banderas, ubicada al sur del estado de Nayarit y al norte del estado de Jalisco, México. Se incluyen además los nombres comunes en inglés para todas las especies, muchos de ellos aquí se proponen. En la lista se señalan todas aquellas especies que se sabe se encuentran en Mismaloya, uno de los sitios con mayor riqueza específica para Jalisco: hasta ahora se han registrado 315 especies. Se incluyen también aquellas especies que pueden existir en la zona, esto con base en su distribución en áreas aledañas del sur o norte de la Bahía, cuyos hábitats son similares y se encuentran por debajo de los 1,000 msnm. De las 505 especies que se estima existan en Bahía de Banderas, la diversidad de mariposas en Río Mismaloya puede ser de 430. Con base en estas estimaciones, y a pesar de que Mismaloya es una de las zonas del estado mejor conocidas, la fauna de mariposas de esta región se conoce en un 75%.

This list is based primarily on data reported in the *Butterflies of Jalisco, México*, (see Llorente *et al.*, [1995]; Vargas *et al.*, 1996; Warren *et al.*, 1996), and in the introductory review of Mismaloya butterflies by Warren (1997). This area has received a great deal of attention from butterfly enthusiasts recently due to its accesability from the Puerto Vallarta International Airport, excellent local accomodations, and the growing pool of knowledge about the diversity and distribution of butterflies in the area. This list is intended to be used as a reference for visiting butterfly enthusiasts to facilitate species determinations, and also to focus future searches for additional species. Skipper nomenclature used in this list follows that of Warren (in press). Common names agree with names recognized by the North American Butterfly Association wherever possible, although many modifications have been made when necessary. New common

names coined here are intended to be tentative; better suggestions for names of many taxa will undoubtedly be made in the future.

Additional records for Mismaloya and the Banderas Bay area which were not presented in previous lists have been generated from recently determined specimens and photo-documented sightings, mostly determined by the senior author. In 1996, 258 species of butterflies were reported from Mismaloya (Vargas *et al.*, 1996). Currently, 315 species are known to occur along Mismaloya creek, making it the richest site in Jalisco, in terms of overall known butterfly diversity. Other areas in Jalisco that may actually have a greater diversity of butterfly species than the Mismaloya area are less accesable to butterfly enthusiasts, and therefore less frequently surveyed. Single canyons in the Sierra de Manantlán, mountains shared between Colíma and Jalisco, probably host a greater diversity of butterfly species than Mismaloya, but we are still lacking many skipper records from that region. It should be noted, however, that we still lack records for butterflies from the Mismaloya area from the months of May, June, and July. We have very few records from August, and September, when there are surely additional species to be found, and have very few hairstreak records in general.

For the purposes of this listing, Banderas Bay includes all localities in Municipio Puerto Vallarta and El Tuito, Jalisco, under 1000m elevation only, and all localities in Municipio Bahía de Banderas, Nayarit. Unconfirmed species considered likely to eventually be found in the Banderas Bay and Mismaloya areas are mostly species known from under 1000m elevation in tropical forest habitats to the north in Municipios Compostela, Xalisco, San Blas, and Tepic, Nayarit, in addition to being known from south of the Banderas Bay area. (An inventory of the butterflies of Nayarit is in preparation by authors and additional staff from the Museo de Zoología, Facultad de Ciencias, at UNAM.) The fauna directly to the south of the Bay area, in Municipios Tomatlán and Purificación, Jalisco, remain almost totally unknown (much of this area is above 1000m elevation), but the faunas of Municipios Casimiro Castillo, Tuxcacueso, and Autlán de Navarro (Vargas *et al.*, 1996) and La Huerta (Beutelspacher, 1982) are much better known. In the entire region from Municipio Tepic, Nayarit, in the north to Municipio Casimiro Castillo, Jalisco, in the south above 1000m elevation, up to 80 additional butterfly species can be expected. These species have not been listed herein as they appear to be restricted to higher-elevation forest habitats and apparently tend not to stray.

The listing of hypothetical species that should eventually be found in the bay area enables us to estimate how well we know the overall butterfly diversity of the area. Of course there will certainly be species that are found in the Bay area in the future that are otherwise unknown from all surrounding areas, and unique species to other areas will also be found, so these numbers will always be changing. With 382 butterfly species already known from the Bay area, and 505 predicted, the Bay area (as a whole) is about 75% known in terms of overall probable butterfly diversity. To estimate the number of butterfly species that may eventually be found in the Mismaloya area, we assume that 85% of the species that occur in the Bay area will eventually be found in the Mismaloya area (some species restricted to drier areas in Nayarit may not turn up around Mismaloya). Under this assumption, about 430 species of butterflies should eventually be found in the Mismaloya area. Therefore, despite the fact that 315 species of butterflies are already known from Mismaloya, it is estimated to be only about 75% known. Searches for new species should be concentrated at the higher elevational extremes of the Mismaloya area (around El Eden and beyond), during dry periods

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(May, June, July), and in the less accesable parts of every habitat, especially shaded areas. Future surveys hoping to add to our knowledge of the butterflies of the Bay area should concentrate on Hairstreaks (Theclinae) and Skippers (Hesperiidae), where several additional species will undoubtedly be found. In terms of overall Banderas Bay area diversity, the Theclinae are only about 41% known and the Hesperidae are about 75% known, so there is indeed still much work to be done. The Papilionoidea, excluding the Theclinae, are about 80% known, stressing the need to concentrate on small butterflies.

* = species recorded from the vicinity of Mismaloya, Chino's Paradise and El Eden, along Mismaloya River. Species known from nearby areas (including Boca de Tomatlan, Chico's Paradise, Rio las Juntas, Puerto Vallarta, Jal. and Nuevo Vallarta, Bucerias and El Guamuchil, Nay.) but not from Mismaloya are not marked.

[] = species not yet recorded from Banderas Bay area, but are considered likely to be found there in the future.

SKIPPERS (141 species known from Mismaloya, 170 species known from Bay area and 223 species possible for Bay area.)

HESPERIIDAE

Firetips

*Gold-rim Firetip
[Yellow-bottomed Firetip]
*Steely Firetip
*Blue-collar Firetip
Red-collar Firetip
Common Myscelus

Pyrrhopyginae

Pyrrhopyge chloris Evans 1951
[*Pyrrhopyge araxes araxes* (Hewit. 1867)]
Elbella scylla (Mén. 1855)
Mysoria amra (Hewit. [1871])
Mysoria affinis (Herr.-Sch. 1869)
Myscelus amystis hages Godm. & Sal. 1893

Spreadwing Skippers

*Window-winged Skipper
*Guava Skipper
[Rainbow Skipper]
*Common Ghost-Skipper
[Austin's Ghost-Skipper]
[Western Ghost-Skipper]
*Nervous Skipper
*Mercurial Skipper
Unspined Silverdrop
*Spined Silverdrop
Suffused Silverdrop
Wind's Silverdrop

Pyrginae

Phocides belus Godm. & Sal. 1893
Phocides palemon lilea (Reak. [1867])
[*Phocides urania* (Westwood [1852])]
Phanus marshallii Kirby 1880
[*Phanus albiapicalis* Austin 1993]
[*Phanus rilma* Evans 1952]
Udranomia kikkawai (Weeks 1906)
Proteides mercurius mercurius (Fabr. 1787)
Epargyreus aspina Evans 1952
Epargyreus spina Evans 1952
Epargyreus spinosa Evans 1952
Epargyreus windi H. A. Freeman 1969

DUGESIANA

[Broken Silverdrop]

- *Hammock Skipper
- *Manuel's Skipper
- *White-striped Longtail
- *Zilpa Longtail
- *Gold-spotted Aguna
- *Tailed Aguna
- *Mottled Longtail
- *Gold-tufted Skipper
- *Eight-spotted Longtail
- *Asine Longtail
- [Mexican Longtail]
- *Carlos' Mottled-Skipper
- *Crescent Mottled-Skipper
- Common Mottled-Skipper
- Sally's Mottled-Skipper
- [Golden Mottled-Skipper]
- [False Mottled-Skipper]
- *Common Greentail
- *Bluish Greentail
- *Bell's Greentail
- [Spot-banded Greentail]
- *Esmeralda Greentail
- *Scarce Greentail
- *Montane Greentail
- *Tinted Greentail
- *Dorantes Longtail
- *Teleus Longtail
- *Brown Longtail
- *Plain Longtail
- *White-tailed Longtail
- *Two-barred Flasher
- *Gilbert's Flasher
- *Small-spotted Flasher
- *Yellow-tipped Flasher
- [White-spotted Flasher]
- [Yellow-edged Flasher]
- *Steely Flasher
- *Broad Banded-Skipper
- [Jalapus Cloudywing]
- *Coyote Cloudywing
- *White-edged Cloudywing
- *Potrillo Skipper
- *Tufted Redeye
- *Fritzgaertner's Flat
- *Stola Flat
- *Falcate Skipper

- [*Epargyreus exadeus cruza* Evans 1952]
- [*Epargyreus* sp. undescribed]
- Polygonus leo arizonensis* (Skinner 1911)
- Polygonus manueli* Bell & W. P. Comstock 1948
- Chioides catillus albofasciatus* (Hewit. 1867)
- Chioides zilpa* (Butl. 1872)
- Aguna asander asander* (Hewit. 1867)
- Aguna metophis* (Latr. 1824)
- Typhedanus undulatus* (Hewit. 1867)
- Typhedanus ampyx* (Godm. & Sal. 1893)
- Polythrix octomaculata* (Sepp 1848)
- Polythrix asine* (Hewit. 1867)
- [*Polythrix mexicanus* H. A. Freeman 1969]
- Codatractus carlos* Evans 1952
- Codatractus alcaeus* (Hewit. 1867)
- Codatractus melon* (Godm. & Sal. 1893)
- Codatractus sallyae* A. D. Warren 1995
- [*Codatractus bryaxis* (Hewit. 1867)]
- [*"Codatractus" hyster* (Dyar 1916)]
- Urbanus proteus proteus* (L. 1758)
- Urbanus viterboana* (Ehrm. 1907)
- Urbanus belli* (Hayward 1935)
- [*Urbanus pronta* Evans 1952]
- Urbanus esmeraldus* (Butl. 1877)
- Urbanus evona* Evans 1952
- Urbanus prodicus* Bell 1956
- Urbanus esta* (Evans 1952)
- Urbanus dorantes dorantes* (Stoll 1790)
- Urbanus teleus* (Hübner 1821)
- Urbanus procne* (Plötz 1881)
- Urbanus simplicius* (Stoll 1790)
- Urbanus doryssus chales* (Godm. & Sal. 1893)
- Astraptus fulgurator azul* (Reak. 1867)
- Astraptus alector hopfferi* (Plötz 1882)
- Astraptus egregius* (Butl. 1870)
- Astraptus anaphus annetta* Evans 1952
- [*Astraptus enotrus* (Stoll, 1781)]
- [*Astraptus phalaecus* (Godm. & Sal. 1893)]
- Narcosius parisi helen* (Evans 1952)
- Autochton neis* (Geyer 1832)
- [*Thessia jalapus* (Plötz 1882)]
- Achalarus toxeus* (Plötz 1882)
- Achalarus albociliatus albociliatus* (Mab. 1877)
- Cabares potrillo* (Lucas 1857)
- Ocyba calathana calanus* (Godm. & Sal. 1894)
- Celaenorrhinus fritzgaertneri* (Bailey 1880)
- Celaenorrhinus stola* Evans 1952
- Spathilepia clonius* (Cr. 1775)

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[Acacia Skipper]	[<i>Cogia hippalus hippalus</i> (W. H. Edw 1882)]
*Mimosa Skipper	<i>Cogia calchas</i> (Herr.-Sch. 1869)
Caicus Skipper	<i>Cogia caicus moschus</i> (W. H. Edw 1882)
*Choricus Skipper	<i>Telemiades choricus</i> (Schaus 1902)
*Fides Skipper	<i>Telemiades fides</i> Bell 1949
[Starred Skipper]	[<i>Arteurotia tractipennis</i> Butl. & Druce 1872]
*Cleta Tufted-Skipper	<i>Polyctor cleta</i> Evans 1953
*Purplish Tufted-Skipper	<i>Nisoniades rubescens</i> (Möschler 1876)
Immaculate Tufted-Skipper	<i>Pachyneuria licisca</i> (Plötz 1882)
*Glazed Tufted-Skipper	<i>Pellicia arina</i> Evans 1953
*Morning Glory Tufted-Sk.	<i>Pellicia dimidiata</i> Herr.-Sch. 1870
Red-studded Skipper	<i>Noctuana stator</i> (Godm. & Sal. 1899)
[Cryptic Skipper]	[<i>Noctuana bipuncta</i> (Plötz 1884)]
*Hook-tipped Bolla	<i>Bolla orsines</i> (Godm. & Sal. 1896)
*Spatulate Bolla	<i>Bolla eusebius</i> (Plötz 1884)
Rough-tipped Bolla	<i>Bolla evippe</i> (Godm. & Sal. 1896)
[Fin-tipped Bolla]	[<i>Bolla subapicatus</i> (Schaus 1902)]
[Mottled Bolla]	[<i>Bolla clytius</i> (Godm. & Sal. 1897)]
[Many-spotted Bolla]	[<i>Bolla litus</i> (Dyar 1912)]
*Western Scallopwing	<i>Staphylus tierra</i> Evans 1953
*Aztec Scallopwing	<i>Staphylus azteca</i> (Scudder 1872)
Coastal Scallopwing	<i>Staphylus</i> sp. undescribed
[Gold-snout Scallopwing]	[<i>Staphylus vulgata</i> (Möschler 1879)]
[Equal Scallopwing]	[<i>Staphylus iguala</i> (Williams & Bell 1940)]
*Variegated Skipper	<i>Gorgythion begga pyralina</i> (Möschler 1876)
*Bruised Skipper	<i>Zera hyacinthinus hyacinthinus</i> (Mab. 1877)
*Ventral Blue-Skipper	<i>Quadrus cerialis</i> (Stoll 1782)
*Tanned Blue-Skipper	<i>Quadrus lugubris lugubris</i> (R. Feld. 1869)
*Blue-studded Skipper	<i>Sostrata nordica</i> Evans 1953
*Shining Blue-Skipper	<i>Paches polla</i> (Mab. 1888)
*Orange-spotted Skipper	<i>Atarnes sallei</i> (C. Feld. & R. Feld. 1867)
*Hoary Skipper	<i>Carrhenes canescens canescens</i> (R. Feld. 1869)
Black-spot Skipper	<i>Carrhenes fuscescens</i> (Mab. 1891)
[Northern Mexican-Skipper]	[<i>Zobera marginata</i> H. A. Freeman 1979]
*Dark Mylon	<i>Mylon menippus</i> (Fabr. 1777)
*Pale Mylon	<i>Mylon pelopidas</i> (Fabr. 1793)
[Bold Mylon]	[<i>Mylon lassia</i> (Hewit. 1868)]
*Glassy-winged Skipper	<i>Xenophanes tryxus</i> (Stoll 1780)
*Clito Skipper	<i>Clito clito</i> (Fabr. 1787)
*Large Spurwing	<i>Antigonus nearchus</i> (Latr. 1813)
*Common Spurwing	<i>Antigonus erosus</i> (Hübner 1812)
*Dark Spurwing	<i>Antigonus funebris</i> (R. Feld. 1869)
*Texas Powdered-Skipper	<i>Systasea pulverulenta</i> (R. Feld. 1869)
*Sandy Skipper	<i>Zopyrion sandace</i> Godm. & Sal. 1896
*Giant Sicklewing	<i>Achlyodes busirus heros</i> (Ehrm. 1909)
*Northern Sicklewing	<i>Eantis tamenund</i> (W. H. Edw. 1871)
*Hermit Skipper	<i>Grasis stigmaticus stigmaticus</i> (Mab. 1883)
Brown-banded Skipper	<i>Timochares ruptifasciatus ruptifasciatus</i> (Plötz 1884)

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*Three-banded Skipper	<i>Timochares trifasciata trifasciata</i> (Hewit. 1868)
*Tropical Duskywing	<i>Anastrus sempiternus sempiternus</i> (Butl. & Druce 1872)
*Dark Duskywing	<i>Anastrus robigus</i> (Plötz 1884)
*Bent-tip Duskywing	<i>Cycloglypha thrasibulus</i> (Fabr. 1793)
*Black-patched Duskywing	<i>Ebrietas anacreon</i> (Staud. 1876)
*Black-spotted Duskywing	<i>Chiomara mithrax</i> (Möschler 1878)
*White-patched Duskywing	<i>Chiomara georgina georgina</i> (Reak. 1868)
*False Duskywing	<i>Gesta invisus</i> (Butl. & Druce 1872)
Funereal Duskywing	<i>Erymnis funeralis</i> (Scudder & Burgess 1870)
[Juvenal's Duskywing]	[<i>Erymnis juvenalis clitus</i> (W. H. Edw. 1883)]
[Mournful Duskywing]	[<i>Erymnis tristis tatus</i> (W. H. Edw. 1883)]
*White Checkered-Skipper	<i>Pyrgus albescens</i> (Plötz 1884)
*Tropical Checkered-Sk.	<i>Pyrgus oileus</i> (L. 1767)
[Desert Checkered-Skipper]	[<i>Pyrgus philetas</i> W. H. Edw. 1881]
*Turk's-cap White-Skipper	<i>Heliopetes macaira</i> (Reak. 1867)
*Laviana White-Skipper	<i>Heliopetes laviana laviana</i> (Hewit. 1868)
*Veined White-Skipper	<i>Heliopetes arsalte</i> (L. 1758)
*Alana White-Skipper	<i>Heliopetes alana</i> (Reak. 1868)
[Erichson's White-Skipper]	[<i>Heliopetes domicella domicella</i> (Erichson 1848)]

Skipperlings

[Hour-glass Skipperling]	[<i>Piruna penaea</i> (Dyar 1918)]
[Dardaris Skipperling]	[<i>Dardarina dardaris</i> (Hewit. 1877)]
[Faula Skipperling]	[<i>Dalla faula</i> (Godm. 1900)]
[Silvered Skipperling]	[<i>Dalla dividuum</i> (Dyar 1913)]

Grass Skippers

Bold Faceted-Skipper	<i>Synapte syraces</i> (Godm. 1901)
Texas Faceted-Skipper	<i>Synapte pecta</i> Evans 1955
[Faded Faceted-Skipper]	[<i>Synapte shiva</i> Evans 1955]
[Western Faceted-Skipper]	[<i>Synapte silna</i> Evans 1955]
*Golden Skipper	<i>Zariaspes mytheucus</i> (Godm. 1900)
*Immaculate Skipper	<i>Anthoptus insignis</i> (Plötz 1882)
*Redundant Skipper	<i>Corticea corticea</i> (Plötz 1883)
*Ubiquitous Skipper	<i>Callimormus saturnus</i> (Herr.-Sch. 1869)
[Gray Skipper]	[<i>Mnasicles hicetaon</i> Godm. 1901]
*Ina Skipper	<i>Methionopsis ina</i> (Plötz 1882)
[False Roadside-Skipper]	[<i>Repens florus</i> (Godm. 1900)]
*Aecas Skipper	<i>Flaccilla aecas</i> (Stoll 1781)
*Jeweled Skipper	<i>Phanes aletes</i> (Geyer 1832)
[Pale-rayed Skipper]	[<i>Vidius perigenes</i> (Godm. 1900)]
*Violet-patched Skipper	<i>Monca tyrtaeus</i> (Plötz 1883)
[Julia's Skipper]	[<i>Nastra julia</i> (H. A. Freeman 1945)]
*Fawn-spotted Skipper	<i>Cymaenes trebius</i> (Mab. 1891)
*Inca Skipper	<i>Vehilius inca</i> Scudder 1872
*Butler's Skipper	<i>Mnasilus allubita</i> (Butl. 1877)

Cyclopedinae

Hesperinae

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*Nitra Skipper	<i>Mnasitheus nitra</i> Evans 1955
*Remus Skipper	<i>Remella remus</i> (Fabr. 1798)
	<i>Remella</i> sp. undescribed
[Rita Skipper]	[<i>Remella rita</i> Evans 1955]
	[<i>Parphorus</i> sp. undescribed]
*Clouded Skipper	<i>Lerema accius</i> (J. E. Smith 1797)
*Liris Skipper	<i>Lerema liris</i> Evans 1955
*Valda Skipper	<i>Morys valerius valda</i> Evans 1955
*Simplex Skipper	<i>Tigasis simplex</i> (Bell 1930)
*Fantastic Skipper	<i>Vettius fantasos</i> (Stoll 1780)
[Moody Skipper]	[<i>Thoon modius</i> (Mab. 1889)]
[Argus Skipper]	[<i>Argon argus</i> (Möschler 1879)]
[Smear'd Ruby-eye]	[<i>Tromba xanthura</i> (Godm. 1901)]
[White-patched Ruby-eye]	[<i>Carystus phorcus</i> (Cr. [1777])]
*Green-backed Ruby-eye	<i>Perichares philetus adela</i> (Hewit. 1867)
Broad-banded Ruby-eye	<i>Orses cynisca</i> (Swainson 1821)
Silver-studded Ruby-eye	<i>Lycas argentea</i> (Hewit. 1866)
*Joanna's Skipper	<i>Joanna joanna</i> Evans 1955
*Canna Skipper	<i>Quinta cannae</i> (Herr.-Sch. 1869)
[Osca Skipper]	[<i>Rhinthon osca</i> (Plötz 1883)]
<i>Zygia</i> Skipper	<i>Mucia zygia</i> (Plötz 1886)
*Hidden-ray Skipper	<i>Conga chydaea</i> (Butl. 1877)
*Tropical Least Skipper	<i>Ancyloxypha arene</i> (W. H. Edw. 1871)
*Southern Skipper	<i>Copaodes minima</i> (W. H. Edw. 1870)
*Fiery Skipper	<i>Hylephila phyleus phyleus</i> (Drury 1773)
Subreticulate Skipper	<i>Polites subreticulata</i> (Plötz 1883)
*Whirlabout	<i>Polites vibex praeceps</i> (Scudder 1872)
*Southern Broken Dash	<i>Wallengrenia otho otho</i> (J. E. Smith 1797)
*Common Glassywing	<i>Pompeius pompeius</i> (Latr. 1824)
[Golden Glassywing]	[<i>Pompeius dares</i> (Plötz 1883)]
De la Maza's Skipper	<i>Anatrytone mazai</i> (H. A. Freeman 1969)
[Yellow-stained Skipper]	[<i>Poanes inimica</i> (Butl. & Druce 1872)]
*Bright Mellana	<i>Quasimellana aurora</i> (Bell 1942)
*Common Mellana	<i>Quasimellana eulogius</i> (Plötz 1883)
Coastal Mellana	<i>Quasimellana agnesae</i> (Bell 1959)
[Sullied Mellana]	[<i>Quasimellana balsa</i> (Bell 1942)]
[Light-green Mellana]	[<i>Quasimellana myron</i> (Godm. 1900)]
[Nayar Mellana]	[<i>Quasimellana nayana</i> (Bell 1941)]
[Muller's Mellana]	[<i>Quasimellana mulleri</i> (Bell 1942)]
Guardpost Skipper	<i>Euphyes peneia</i> (Godm. 1900)
Creamy-Striped Skipper	<i>Metron chrysogastra</i> (Butl. 1870)
Toltec Roadside-Skipper	<i>Amblyscirtes tolteca tolteca</i> Scudder 1872
[Largest Roadside-Skipper]	[<i>Amblyscirtes raphaeli</i> H. A. Freeman 1973]
[Larger Roadside-Skipper]	[<i>Amblyscirtes folia</i> Godm. 1900]
*Violet-clouded Skipper	<i>Lerodea arabus</i> (W. H. Edw. 1882)
*Eufala Skipper	<i>Lerodea eufala</i> (W. H. Edw. 1869)
*Brazilian Skipper	<i>Calpodas ethlius</i> (Stoll 1782)
*Ocola Skipper	<i>Panoquina ocola</i> (W. H. Edw. 1863)

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*Evans' Skipper	<i>Panoquina evansi</i> (H. A. Freeman 1946)
*Purple-washed Skipper	<i>Panoquina leucas</i> (Fab. 1793)
Wandering Skipper	<i>Panoquina errans</i> (Skinner 1892)
[Hecebolus Skipper]	[<i>Panoquina hecebolus</i> (Scudder 1872)]
*Purple-stained skipper	<i>Zenis janka</i> Evans 1955
*Violet-banded Skipper	<i>Nyctelius nyctelius nyctelius</i> (Latr. 1824)
Chalk-marked Skipper	<i>Thespieus dalman</i> Dyar 1913
*Steinhauser's Vacerra	<i>Vacerra cervara</i> Steinhauser 1974
*Mexican Vacerra	<i>Vacerra gayra</i> (Dyar 1918)
*Godman's Vacerra	<i>Vacerra "lachares"</i> Godm. 1900
*Common Vacerra	<i>Vacerra litana</i> (Plötz 1882)
*Dyson's False-Silverdrop	<i>Aides dysoni</i> Godm. 1900
*Rica Skipper	<i>Halotus rica</i> (Bell 1942)
*Half-tailed Skipper	<i>Niconiades incomptus</i> (Austin 1997)
*Perching Saliana	<i>Saliana esperi esperi</i> Evans 1955
*Suffused Saliana	<i>Saliana fusta</i> Evans 1955
*Hiding Saliana	<i>Saliana longirostris</i> Sepp 1848
*Common False-Flasher	<i>Thracides phidon</i> (Cr. 1779)
*Green-bottom False-Flasher	<i>Neoxeniades luda</i> (Hewit. 1877)

TRUE BUTTERFLIES 74 species known from Mismaloya, 212 species from Bay area, and 282 species possible for Bay area.)

Swallowtails

PAPILIONIDAE

Triodiniinae

*Pipevine Swallowtail	<i>Battus philenor philenor</i> (L. 1771)
*Polydamas Swallowtail	<i>Battus polydamas polydamas</i> (L. 1758)
*Eracon Swallowtail	<i>Battus eracon</i> (Godm. & Sal. 1897)
*Green-patch Swallowtail	<i>Battus laodamas iopas</i> (Godm. & Sal. 1897)
*Photinus Cattleheart	<i>Parides photinus photinus</i> (Doubleday 1844)
*Montezuma Cattleheart	<i>Parides montezuma montezuma</i> (Westw. 1842)
*Rosy-spotted Cattleheart	<i>Parides erithalion trichopus</i> (Rothschild & Jordan 1906)

Papilioninae

*Long-tailed Kite-Swallowtail	<i>Protographium epidaus tepicus</i> (Rothschild & Jordan 1906)
Dark Kite-Swallowtail	<i>Protographium philolaus philolaus</i> (Boisd. 1836)
[Evasive Kite-Swallowtail]	[<i>Protographium agesilaus fortis</i> (Rothschild & Jordan 1906)]
Red-studded Swallowtail	<i>Mimoides thymbraeus aconophos</i> (Gray 1853)
Ilus Swallowtail	<i>Mimoides ilus occidus</i> (Vázquez 1957)
*Pink-spotted Swallowtail	<i>Priamides pharnaces</i> (Doubleday 1846)
*Ruby-spotted Swallowtail	<i>Priamides anchisiades idaeus</i> (Fabr. 1793)
*Torquatus Swallowtail	<i>Troilides torquatus mazai</i> (Beutelspacher 1976)
Ornythion Swallowtail	<i>Calaides ornythion</i> ssp.
Broad-banded Swallowtail	<i>Calaides astyalus bajaensis</i> (Brown & Faulkner 1992)
Citrus Swallowtail	<i>Calaides androgeus</i> ssp.

BUTTERFLIES OF MISMALOYA, BANDERAS BAY AND SOUTHERN NAYARIT

- *Thoas Swallowtail
- *Giant Swallowtail
[Three-tailed Swallowtail]
- Avacado Swallowtail
- *Victorine Swallowtail

Heraclides thoas autocles (Rothschild & Jordan 1906)
Heraclides crespontes (Cr. 1777)
[*Pterourus pilumnus* (Boisd. 1836)]
Pyrrhosticta garamas garamas (Geyer 1829)
Pyrrhosticta victorinus morelius (Rothschild & Jordan 1906)

Whites & Sulphurs

PIERIDAE

Dismorphiinae

- *Tiger-Striped Mimic-White
- *De la Maza's Mimic-White
[Dark Mimic-White]

Dismorphia amphiona lupita Lamas 1979
Enantia maza'i diazi Llorente 1984
[*Lieinix nemesis nayaritensis* Llorente 1984]

Sulphurs

Coliadinae

- *Southern Dogface
- *White Angled-Sulphur
- *Yellow Angled-Sulphur
- *Large Orange Sulphur
- *Apricot Sulphur
Tailed Sulphur
- *Orange-barred Sulphur
- *Cloudless Sulphur
- *Trite Sulphur
- *Mealy Sulphur
- *Lyside Sulphur
- *Sleepy Orange
- *Dina Yellow
- *Little Yellow
- *Mimosa Yellow
- *Tailed Orange
[Little White]
- *Boisduval's Yellow
- *Barred Yellow
- *Mexican Yellow
- *Salome Yellow
- *Dainty Sulphur

Zerene cesonia cesonia (Stoll 1791)
Anteos clorinde nivifera (Fruhstorfer 1907)
Anteos maerula lacordairei (Boisd. 1836)
Phoebis agarithe agarithe (Boisd. 1836)
Phoebis argante argante (Fabr. 1775)
Phoebis neocypris virgo (Butl. 1870)
Phoebis philea philea (L. 1763)
Phoebis semmae marcellina (Cr. 1777)
Rhabdodryas trite trite (L. 1758)
Aphrissa statira jada (Butl. 1870)
Kricogonia lyside (Godart 1869)
Eurema nicippe (Cr. 1780)
Eurema dina westwoodi (Boisd. 1836)
Eurema lisa centralis (Herr.-Sch. 1864)
Eurema nise nelphe (R. Feld. 1869)
Eurema proterpia proterpia (Fabr. 1775)
[*Eurema albula celata* (R. Feld. 1869)]
Eurema boisduvaliana (C. Feld. & R. Feld. 1865)
Eurema दौरा दौरा (Godart 1819)
Eurema mexicana mexicana (Boisd. 1836)
Eurema salome jamapa (Reak. 1866)
Nathalis iole iole Boisd. 1836

Whites

Pierinae

- *Costa Rican White
[Gray White]
- *Creamy White
- *Florida White
- Mountain White
- *Viardi White

Hesperocharis costaricensis pasion (Reak. 1867)
[*Pereute charops leonilae* Llorente 1986]
Melete lycimnia isandra (Boisd. 1836)
Glutophrissa drusila tenuis Lamas 1981
Leptophrasia aripa elodia (Boisd. 1836)
Pieriballia viardi laogore (Godm. & Sal. 1889)

DUGESIANA

- *Great Southern White *Ascia monuste monuste* (L. 1764)
*Giant White *Ganyra josephina josepha* (Sal. & Godm. 1868)

Brush-footed Butterflies

NYMPHALIDAE

Longwings & Fritillaries

Heliconiinae

- *Juno Longwing *Dione juno huascuma* (Reak. 1866)
*Mexican Silverspot *Dione moneta poeyii* Butl. 1873
*Gulf Fritillary *Agraulis vanillae incarnata* (Riley 1926)
*Julia *Dryas iulia moderata* (Riley 1926)
*Zebra Longwing *Heliconius charithonia vazquezae* W. P. Comstock & F. M. Brown 1950
*Crimson-patched Longwing *Heliconius erato punctata* Beutelspacher 1992
*Ismenius Longwing *Heliconias ismenius telchinia* Doubleday 1847
*Variegated Fritillary *Euptoieta claudia daunius* (Herbst 1798)
*Mexican Fritillary *Euptoieta hegesia hoffmanni* W. P. Comstock 1944

Nymphalinae

- [Question Mark] [*Polygonia interrogationis* (Fab. 1798)]
[Mexican Comma] [*Polygonia g-argenteum* (Doubleday 1848)]
[American Lady] [*Vanessa virginiensis* (Drury 1773)]
*Red Peacock *Anartia amathea colima* Lamas 1995
*White Peacock *Anartia jatrophae luteipicta* Fruhstorfer 1907
*Orange-tipped Peacock *Siproeta epaphus epaphus* (Latr. 1813)
*Malachite *Siproeta stelenes biplagiata* (Fruhstorfer 1907)
*Buckeye *Junonia genoveva nigrosuffusa* B. & McD. 1916
 (includes pale coastal form)

Checkerspots & Crescents

Melitacini

- *Glorious Patch *Chlosyne gloriosa* Bauer 1960
*Hippodrome Patch *Chlosyne hippodrome hippodrome* (Geyer 1837)
*Bordered Patch *Chlosyne lacinia crocale* (W. H. Edw. 1874)
Red-spotted Patch *Chlosyne marina dryope* (Godm. & Sal. 1894)
*De la Maza's Patch *Chlosyne mazarum* L. Miller & Rotger 1979
[Rosita Patch] [*Chlosyne rosita montana* (Hall 1924)]
[Rare Checkerspot] [*Texola anomalus anomalus* (Godm. & Sal. 1897)]
[Elada Checkerspot] [*Texola elada elada* (Hewit. 1868)]
*Elf *Microtia elva elva* Bates 1864
*Theona Checkerspot *Thessalia theona mullinsi* Austin & M. J. Smith 1998.
*Pallescens Crescent *Phyciodes pallescens* (R. Feld. 1869)
*Alexon Crescent *Anthanassa alexon* (Godm. & Sal. 1889)
*Ardys Crescent *Anthanassa ardys* (Hewit. 1864)
*Tulcis Crescent *Anthanassa tulcis* Bates 1864
Darkened Crescent *Anthanassa ptolyca amator* (Hall 1929)
[Montane Crescent] [*Anthanassa cortes* (Hall 1917)]
[Texan Crescent] [*Anthanassa texana texana* (W. H. Edw. 1863)]

BUTTERFLIES OF MISMALOYA, BANDERAS BAY AND SOUTHERN NAYARIT

[Blackish Crescent]

*Gray-based Crescent

[Guatemalan Crescent]

[*Anthanassa argentea* (Godm. & Sal. 1882)]

[*Anthanassa* sp. undescribed]

Castilia griseobasalis (Robert 1914)

[*Tegosa guatemalena* (Bates 1864)]

Coloburini & Biblidini

*Orion

*Blomfield's Beauty

*Dirce Beauty

*Red Rim

[*Amymone*]

*Blackened Bluewing

*Mexican Bluewing

*Cyaniris Bluewing

*Cortesi Banner

*Dingy Purplewing

Florida Purplewing

*Gray Cracker

*Red Cracker

*Guatemalan Cracker

[*Glaucous Cracker*]

[*Black-patched Cracker*]

*Nearea Banner

*Laothoe Banner

Common Banner

Flavilla Banner

Blue-eyed Greenwing

*Mexican Greenwing

[*West-Mexican Eighty-eight*]

[*Bacchis Eighty-eight*]

Historis odius dious (Lamas 1995)

Smyrna blomfieldia datis Fruhstorfer 1908

Colobura dirce dirce L. 1758

Biblis hyperia aganisa (Boisd. 1836)

[*Mestra dorcas amymone* (Mén. 1857)]

Myscelia cyananthe cyananthe C. Feld. & R. Feld 1867

Myscelia ethusa ethusa (Doyere 1840)

Myscelia cyaniris alvaradia R. G. de la Maza & Diaz 1982

Catonephele cortesi R. G. de la Maza 1982

Eunica monima monima (Cr. 1782)

Eunica tatila tatila (Herr.-Sch. 1855)

Hamadryas februa ferentina (Godart 1824)

Hamadryas amphinome mazai Jenkins 1983

Hamadryas guatemalena marmarice (Fruhstorfer 1916)

[*Hamadryas glauconome grisea* Jenkins 1983]

[*Hamadryas atlantis telaps* Godm. & Sal. 1883]

Pyrrhogyra nearea hypsenor Godm. & Sal. 1884

Teminis laothoe quilapayunia R. G. de la Maza & Turrent 1985

Epiphile adrasta escalantei Descimon & Mast 1979

Nica flavilla bachiana R. G. de la Maza & J. R. de la Maza 1985

Dynamine dyonis Geyer 1837

Dynamine postverta mexicana D'Almeida 1952

[*Diaethria asteria* (Godm. & Sal. 1894)]

[*Cyclogramma bacchis* (Doubleday [1849])]

Sisters & Daggerwings

*Spot-celled Sister

*Celerio Sister

*Band-celled Sister

*Massilides Sister

*Phylaca Sister

*Massilia Sister

[*Leucas Sister*]

[*Paroeca Sister*]

*Ruddy Daggerwing

*Many-banded Daggerwing

Limnitiidinae

Adelpha basiloides basiloides Doubleday 1848

Adelpha celerio diademata Fruhstorfer 1913

Adelpha fessonia fessonia (Hewit. 1847)

Adelpha iphiclus massilides Fruhstorfer 1916

Adelpha phylaca phylaca Bates 1866

Adelpha serpa massilia (C. Feld. & R. Feld. 1867)

[*Adelpha leucas* Fruhstorfer 1916]

[*Adelpha paroeca emathia* (R. Feld. 1869)]

Marpesia petreus tethys (Fabr. 1777)

Marpesia chiron marius (Cr. 1780)

DUGESIANA

Leafwings

- *Darkened Blue-Leafwing
- Silvery Blue-Leafwing
- [Two-shaded Blue-Leafwing]
- *Seasonal Leafwing
- *Pale Leafwing
- *Red-striped Leafwing
- [Silver-studded Leafwing]
- *Tropical Leafwing
- *Electra Leafwing
- *Fabulous Leafwing
- *Pointed Leafwing
- Angled Leafwing
- Forrer's Leafwing
- Pale-spotted Leafwing

Emperors

- *Dusky Emperor
- *Silver Emperor
- *Pavon Emperor

Morphos

- *White Morpho

Owl-Butterflies

- *Boisduval's Owl-Butterfly
- *Coastal Owl-Butterfly
- Tamarindi Owl-Butterfly

Milkweed Butterflies

- *Tropic Queen
- *Queen
- *Monarch
- *Tiger Mimic-Queen

Clearwings

- *Morgane Clearwing
- [Red-Banded Clearwing]
- *Tiger-striped Clearwing

Charaxinae

- Archaeoprepona demophon occidentalis* Descimon & Stoffel 1974
- Archaeoprepona demophoon mexicana* Llorente, Descimon & Johnson 1993
- [*Prepona laertes octavia* Fruhstorfer 1905]
- Zaretis ellops anzuletta* Fruhstorfer, 1909
- Zaretis callidryas* (R. Feld. 1869)
- Siderone galanthis* (Cr. [1775])
- [*Hypna clytemnestra mexicana* Hall 1917]
- Anaea aidea* (Guerin 1844)
- Consul electra castanea* Llorente & Luis 1992
- Consul fabius cecrops* (Doubleday 1949)
- Fountainea euryppyle glanzi* (Rotger, Escalante & Coronado 1965)
- Fountainea glycerium glycerium* (Doubleday 1949)
- Memphis forreri* (Godm. & Sal. 1884)
- Memphis pithyusa* (R. Feld. 1869)

Apaturinae

- Asterocampa idyja argus* (Bates 1864)
- Doxocopa laure acca* (C. Feld. & R. Feld. 1867)
- Doxocopa pavon theodora* (Lucas 1857)

Morphinae

- Pessonia polyphemus polyphemus* Westw. 1851

Brassolinae

- Opsiphanes boisduvalii* Doubleday 1849
- Opsiphanes invirae fabricii* (Boisd. 1870)
- Opsiphanes tamarindi sikon* C. Feld. & R. Feld. 1861

Danainae

- Danaus eresimus montezuma* Talbot 1943
- Danaus gilippus thersippus* (Bates 1863)
- Danaus plexippus plexippus* (L. 1758)
- Lycorea halia atergatis* Doubleday 1847

Ithomiinae

- Greta morgane morgane* (Geyer 1837)
- [*Pteronymia rufocincta* (Sal. 1869)]
- Melinaea ethra flavicans* C. C. Hoffman 1924

BUTTERFLIES OF MISMALOYA, BANDERAS BAY AND SOUTHERN NAYARIT

Snouts

American Snout

Libytheinae

Libytheana carinenta mexicana Michener 1943

Satyrs

*Cowboy Satyr
[Nayarit Satyr]
[Western Satyr]
*Orange-patched Satyr
*Common Satyr
[Variable Satyr]
*Rosy Satyr
Weymer's Satyr
[Tailed Satyr]
[Giant Satyr]
Two-pupil Satyr
*One-pupil Satyr
Undina Satyr

Satyrinae

Cyllopsis caballeroi Beutelspacher 1982
[*Cyllopsis nayarit* R. Chermock 1947]
[*Cyllopsis suivalenoides* L. Miller 1974]
Euptychia fetna Butl. 1870
Hermeyptychia hermes (Fabr. 1775)
[*Pindis squamistriga* R. Feld. 1869]
Taygetis uncinata Weymer 1907
Taygetis weymeri Draut 1912
[*Taygetis virgilia* (Cr. 1776)]
[*Taygetis mermeria griseomarginata* L. Miller 1978]
Vareuptychia similis (Butl. 1867)
Vareuptychia themis (Butl. 1867)
Vareuptychia undina (Butl. 1870)

Gossamer-wing Butterflies

Metalmarks

*Ebule Metalmark
*Purple-washed Eyemark
*Blinded Metalmark
*White-spot Metalmark
*Arcius Bluetail
*Fulmen Metalmark
*Mather's Metalmark
*Mexican Metalmark
*Montezuma Metalmark
*Rounded Metalmark
*Fatal Metalmark
Red-bordered Metalmark
[Gold-headed Metalmark]
*Bumblebee Metalmark
Shining Metalmark
*Maria Metalmark
[Blue Metalmark]
*White-tipped Pixie
*Red-bordered Pixie
*Brilliant Metalmark
*Curve-winged Metalmark
*Mandana Metalmark
*Falcate Metalmark
*Vulpina Metalmark

LYCAENIDAE

Riodininae

Euselasia eubule (R. Feld 1869)
Mesosemia lamachus (Hewit. 1857)
Eurybia elvina Stichel 1910
Napaea umbra umbra (Boisd. 1870)
Rhetus arcus beutelspacheri Llorente 1987
Calephelis fulmen Stichel 1910
Calephelis matheri McAlpine 1971
Calephelis mexicana McAlpine 1971
Calephelis montezuma McAlpine 1971
Calephelis perditalis perditalis B. & McD. 1918
Calephelis nemesis nemesis (W. H. Edw. 1871)
Caria ino ino Godm. & Sal. 1866
[*Caria stillaticia*, Dyar 1912]
Baeotis zonata simbla (Boisd. 1870)
Lasaia agesilas callaina Clench 1972
Lasaia maria maria Clench 1972
[*Lasaia sula sula* Staud. 1888]
Melanis cephise cephise (Mén. 1855)
Melanis pixe sexpunctata Seitz 1917
Anteros carausius carausius Westw. 1851
Emesis emesia emesia (Hewit. 1867)
Emesis mandana furor Butl. & Druce 1872
Emesis tenedia tenedia C. Feld. & R. Feld. 1861
Emesis vulpina Godm. & Sal. 1886

DUGESIANA

<p>[Poeas Metalmark] [Clearista Metalmark] *Walker's Metalmark [Hypoglaucous Metalmark] Tiny Metalmark [Lycorias Metalmark] [Rusty Metalmark] *Purple-tipped Metalmark *Eupolis Metalmark *Publius Metalmark Virgilius Metalmark Mania Metalmark</p>	<p>[<i>Emesis poeas</i> Godm. & Sal. 1901] [<i>Pseudonymphidia clearista</i> (Butl. 1871)] <i>Apodemia walkeri</i> Godm. & Sal. 1886 [<i>Apodemia hypoglauca hypoglauca</i> (Godm. & Sal. 1878)] <i>Adelotypa eudocia</i> (Godm. & Sal. 1897) [<i>Thisbe lycorias</i> (Hewit. 1853)] [<i>Synargis mycone</i> (Hewit. 1865)] <i>Calospila zeurippa</i> Boisd. 1836 <i>Theope eupolis</i> Schaus 1890 <i>Theope publius</i> C. Feld. & R. Feld. 1861 <i>Theope virgilius virgilius</i> (Fabr. 1793) <i>Theope mania</i> (Godm. & Sal. 1897)</p>
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Hairstreaks

*Mexican Cycadian
 [Busa Hairstreak]
 *Regal Hairstreak
 [Strophius Hairstreak]
 *Damo Hairstreak
 [Mexican Arcas]
 [White-tipped Hairstreak]
 [Thick-veined Hairstreak]
 *Thick-tailed Hairstreak
 Ligurina Hairstreak
 *Oppia Hairstreak
 *Sito Stripe-Strreak
 *Creamy Stripe-Strreak
 *Marius Hairstreak
 Roadside Hairstreak
 *Gold-bordered Hairstreak
 Smudged Hairstreak
 *Zebina Hairstreak
 *Black Hairstreak
 [Silver-banded Hairstreak]
 [Telea Hairstreak]
 *Tropical Greenstreak
 *Deep-forest Greenstreak
 [Clench's Greenstreak]
 [Mountain Greenstreak]
 [Brown Greenstreak]
 *Intense-blue Hairstreak
 Bitias Hairstreak
 [Aquamarine Hairstreak]
 [Mexican-M Hairstreak]
 [Polibetes Hairstreak]
 [Hecate Hairstreak]
 *White Scrub-Hairstreak

Theclinae

Eumaeus toxea (Godart 1824)
 ["*Thecla*" *busa* (Godm. & Sal. 1887)]
Everus regalis (Cr. 1776)
 [*Allosmaitia strophius* (Godart 1824)]
Pseudolycaena damo (Druce 1875)
 [*Arcas cypria* (Geyer 1837)]
 [*Atlides gaumeri* (Godm. 1901)]
 [*Atlides polybe* (L. 1763)]
 "*Thecla*" *umbratus* (Geyer 1837)
 "*Thecla*" *ligurina* (Hewit. 1874)
Thereus oppia (Godm. & Sal. 1887)
Arawacus sito (Boisd. 1836)
Arawacus jada (Hewit. 1867)
Rekoa marius (Lucas 1857)
Rekoa meton (Cr. 1780)
Rekoa palegon (Cr. 1780)
Rekoa stagira (Hewit. 1867)
Rekoa zebina (Hewit. 1869)
Ocaria ocrisia (Hewit. 1868)
 [*Chlorostrymon simaethis* (Drury 1773)]
 [*Chlorostrymon telea* (Hewit. 1868)]
Cyanophrys herodotus (Fabr. 1793)
Cyanophrys amyntor (Cr. 1776)
 [*Cyanophrys miserabilis* (Clench 1946)]
 [*Cyanophrys longula* (Hewit. 1868)]
 [*Cyanophrys fusius* (Godm. & Sal. 1887)]
Panthiades bathildis (C. Feld. & R. Feld. 1865)
Panthiades bitias (Cr. 1777)
 [*Oenomaus orygmus* (Cr. 1780)]
 [*Parrhasius moctezuma* Clench 1971]
 [*Parrhasius polibetes* (Cr. 1782)]
 [*Michaelus hecate* (Godm. & Sal. 1887)]
Strymon albata (C. Feld. & R. Feld. 1865)

BUTTERFLIES OF MISMALOYA, BANDERAS BAY AND SOUTHERN NAYARIT

*Red-lined Scrub-Hairstreak	<i>Strymon bebrycia</i> (Hewit. 1868)
*Tailless Scrub-Hairstreak	<i>Strymon cestri</i> (Reak. 1867)
*Istapa Scrub-Hairstreak	<i>Strymon istapa</i> (Reak. 1867)
*Megarus Scrub-Hairstreak	<i>Strymon megarus</i> "complex" (Godart 1824)
Bromeliad Scrub-Hairstreak	<i>Strymon serapio</i> (Godm. & Sal. 1887)
*Yojoa Scrub-Hairstreak	<i>Strymon yojoa</i> (Reak. 1867)
[Red-crescent Scrub-Hairstreak]	[<i>Strymon rufofusca</i> (Hewit. 1877)]
[Lantana Scrub-Hairstreak]	[<i>Strymon bazochii</i> (Godart 1824)]
[Ziba Scrub-Hairstreak]	[<i>Strymon ziba</i> (Hewit. 1868)]
[Collucia Hairstreak]	[<i>Lamprospilus collucia</i> (Hewit. 1877)]
Ceromia Groundstreak	<i>Kisutam ceromia</i> (Hewit. 1877)
False-Hesperitis Groundstreak	<i>Kisutam</i> aff. <i>hesperitis</i> (Butl. & Druce 1872)
[Hesperitis Groundstreak]	[<i>Kisutam hesperitis</i> (Butl. & Druce 1872)]
[Sky-blue Groundstreak]	[<i>Kisutam syllis</i> (Godm. & Sal. 1887)]
[Mountain Groundstreak]	[<i>Kisutam guzanta</i> (Schaus 1902)]
*Ruddy Hairstreak	<i>Electrostrymon sangala</i> (Hewit. 1868)
[Muted Hairstreak]	[<i>Electrostrymon camus</i> (Druce 1907)]
*Dusky-blue Groundstreak	<i>Calycopsis isobeon</i> (Butl. & Druce 1872)
*Striped Groundstreak	<i>Calycopsis clarina</i> (Hewit. 1874)
[Shining Groundstreak]	[<i>Calycopsis demonassa</i> (Hewit. 1868)]
*Red-spotted Hairstreak	<i>Tmolus echion</i> (L. 1767)
Garnet-washed Hairstreak	" <i>Thecla</i> " <i>phobe</i> (Godm. & Sal. 1887)
[Keila Hairstreak]	[" <i>Thecla</i> " <i>keila</i> (Hewit. 1869)]
[Velvet-patch Hairstreak]	[" <i>Thecla</i> " <i>mycon</i> (Godm. & Sal. 1887)]
*Pearly-gray Hairstreak	<i>Siderous tephraeus</i> (Geyer 1837)
[Thoria Hairstreak]	[<i>Siderus thoria</i> (Hewit. 1869)]
[Gargophia Hairstreak]	[<i>Siderus gargophia</i> (Hewit. 1877)]
*Clytie Ministreak	<i>Ministrymon clytie</i> (W. H. Edw. 1877)
*Gray Ministreak	<i>Ministrymon azia</i> (Hewit. 1873)
[Purple-webbed Ministreak]	[<i>Ministrymon phrutus</i> (Geyer 1832)]
*Slate-gray Hairstreak	<i>Ipidecla miadora</i> Dyar 1916
[Neora Hairstreak]	[<i>Brangas neora</i> (Hewit. 1867)]
[Green Hairstreak]	[<i>Chalybs hassan</i> (Stoll 1791)]
[Sonoran Hairstreak]	[<i>Hypostrymon critola</i> (Hewit. 1874)]
*Carla Hairstreak	<i>Erora carla</i> (Schaus 1902)
[Tiny Greenstreak]	[<i>Erora subflorens</i> (Schaus 1913)]
Carnica Hairstreak	<i>Caerofethra carnica</i> (Hewit. 1873)

Blues

- *Western Pygmy Blue
- *Cassius Blue
- *Marine Blue
- *Cyna Blue
- *Ceraunus Blue
- *Eastern Tailed Blue

Polyommatae

- Brephidium exilis exilis* (Boisd. 1852)
- Leptotes cassius striata* (W. H. Edw. 1877)
- Leptotes marina* (Reak. 1868)
- Zizula cyna cyna* (W. H. Edw. 1881)
- Hemiargus ceraunus zachaeina* (Butl. & Druce 1872)
- Everes comyntas* (Godart 1824)

DUGESIANA

315 butterfly species recorded from Mismaloya area to date,
382 butterfly species recorded from Banderas Bay area,
about **505** butterfly species possible for Banderas bay area.

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