

# Bugsnail

Invertebrate Conservation & Information Network of South-Asia (ICINSA)

Newsletter of the  
Invertebrate Conservation & Information Network of South-Asia (ICINSA)

## Butterflies of the Liana Forest farm

The Liana Forest farm (12.237° N, 76.334° E) is situated in Ratnapuri village of Hunsuru, Karnataka, India. Hunsuru at 792 m receives an average rainfall of 760 mm. The total area of the liana forest farm is approximately 4 ha. The nearest national park is Nagarahole, 20 km to Veerana Hosahalli check post. The liana forest farm contains flora like *Ficus virens*, *Caryota urens*, *Psidium guajava*, *Syzygium* sp., *Zizipus mauritiana*, *Terminalia catappa*, *Thunbergia erecta*, *Heliconia rostrata*, and *Allamandra cathartica* out of which some are nectar and host plant for butterflies to complete its life cycle.

Nishanth CV, Dhanush Shetty & Supriya Samanta documented the butterflies

for two days 29–30 October 2021 with Nikon D7200 with 105 mm lens & Canon 750D with 55–250 mm lens.

The butterflies were identified using Bhakarae & Ogale (2018). This study is supported with a preliminary checklist of the butterflies prepared by volunteers Kiran Bagade & Divya Shree of the Liana Trust during the month June 2020. Both the

documentation of butterflies were opportunistic.

The high abundance of family Nymphalidae in the area may probably be attributed to the high abundance of grasses and reeds, which form the major food plants of these butterflies. The localities which yielded higher diversity have very good flowering plants; dense vegetation which provide



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## Butterflies of the Liana Forest farm

	Scientific Name	Nomenclature	Common Name	Schedule WPA-1972	October 2021	June 2020
<b>Papilionidae (Swallowtails)</b>						
1	<i>Graphium teredon</i>	C. & R.Felder, 1865	Southern/ Narrow-banded Bluebottle	-	Y	N
2	<i>Graphium doson eleius</i>	Fruhstorfer, 1907	Common Jay	-	Y	N
3	<i>Graphium agamemnon menides</i>	Fruhstorfer, 1904	Tailed Jay	-	Y	N
4	<i>Pachliopta hector</i>	Linnaeus, 1758	Crimson Rose	I	Y	Y
5	<i>Pachliopta aristolochiae</i>	Fabricius, 1775	Common Rose	-	Y	N
6	<i>Papilio polytes romulus</i>	Cramer, 1755	Common Mormon	-	Y	Y
7	<i>Papilio helenus daksha</i>	Hampson, 1889	Red Helen	-	Y	N
8	<i>Papilio polymnestor polymnestot</i>	Cramer, 1775	Blue Mormon	-	Y	N
9	<i>Troides minos</i>	Cramer, 1779	Southern Bird Wing	-	Y	Y
10	<i>Papilio demoleus demoleus</i>	Linnaeus, 1758	Lime Swallowtail	-	N	Y
<b>Pieridae (Whites &amp; Yellow)</b>						
11	<i>Eurema hecabe hecabe</i>	Linnaeus, 1758	Common Grass Yellow	-	Y	N
12	<i>Eurema blanda silhetana</i>	Wallace, 1867	Three-spot Grass Yellow	-	Y	N
13	<i>Catopsilia pomona pomona</i>	Fabricius, 1775	Lemon or Common Emigrant	-	Y	Y
14	<i>Hebomoia glaucippe australis</i>	Butler, 1898	Great Orange-tip	-	Y	N
15	<i>Pareronia hippia</i>	Fabricius, 1787	Common Wanderer	-	Y	Y
16	<i>Colotis amata</i>	Fabricius, 1775	Small Salmon Arab	-	N	Y
17	<i>Delias eucharis</i>	Drury, 1773	Common Jezebel	-	Y	N
18	<i>Cepora nerissa phryne</i>	Fabricius, 1775	Common Gull	-	Y	N
<b>Nymphalidae (Brush-footed)</b>						
19	<i>Tirumala limniace exoticus</i>	Gmelin, 1790	Blue Tiger	-	Y	N
20	<i>Tirumala septentrionis dravidarum</i>	Fruhstorfer, 1899	Dark Blue Tiger	-	Y	N
21	<i>Danaus chrysippus chrysippus</i>	Linnaeus, 1758	Plain Tiger	-	Y	Y
22	<i>Danaus genutia genutia</i>	Cramer, 1779	Striped Tiger	-	N	Y
23	<i>Euploea core core</i>	Cramer, 1780	Common Crow	-	Y	Y
24	<i>Euploea sylvester coreta</i>	Godart, 1819	Double-branded Crow	-	Y	N
25	<i>Mycalesis patnia junonia</i>	Butler, 1868	Glad-eye Bushbrown	-	Y	N
26	<i>Ypthima baldus madrasa</i>	Evans, 1924	Common Five-ring	-	Y	Y

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	Scientific Name	Nomenclature	Common Name	Schedule WPA-1972	October 2021	June 2020
27	<i>Ariadne merione merione</i>	Cramer, 1777	Common Castor	-	N	Y
28	<i>Mycalesis perseus tabitha</i>	Fabricius, 1793	Common Bushbrown	-	N	Y
29	<i>Euthalia aconthea meridionalis</i>	Fruhstorfer, 1906	Common Baron	-	N	Y
30	<i>Melanitis leda leda</i>	Linnaeus, 1758	Common Evening Brown	-	N	Y
31	<i>Ypthima huebneri</i>	Kirby, 1871	Common Four-ring	-	Y	N
32	<i>Ypthima ceylonica</i>	Hewitson, 1865	White Four-ring	-	Y	N
33	<i>Neptis hylas varmona</i>	Moore, 1872	Common Sailer	-	Y	Y
<b>Nymphalidae (Brush-footed)</b>						
34	<i>Orsotriaena medus mandata</i>	Moore, 1857	Medus Brown	-	Y	Y
35	<i>Elymnias caudata</i>	Butler, 1871	Tailed Palmfly	-	N	Y
36	<i>Junonia iphita pluviatilis</i>	Fruhstorfer, 1900	Chocolate Pansy	-	Y	Y
37	<i>Junonia lemonias vaisya</i>	Fruhstorfer, 1912	Lemon Pansy	-	Y	N
38	<i>Junonia almana almana</i>	Linnaeus, 1758	Peacock Pansy	-	N	Y
39	<i>Junonia atlites atlites</i>	Linnaeus, 1763	Grey Pansy	-	N	Y
40	<i>Hypolimnas misippus</i> *	Linnaeus, 1764	Danaid Eggfly	I	Y	Y
41	<i>Hypolimnas bolina jacintha</i>	Drury, 1773	Great Eggfly	-	N	Y
<b>Lycaenidae (Blues)</b>						
42	<i>Prosotas dubiosa indica</i>	Evans, 1925	Tailless Lineblue	-	Y	N
43	<i>Jamides celeno aelianus</i>	Fabricius, 1793	Common Cerulean	-	Y	N
44	<i>Zizula hylax hylax</i>	Fabricius, 1775	Tiny Grass Blue	-	Y	N
45	<i>Zizeeria karsandra</i>	Moore, 1865	Dark Grass Blue	-	Y	N
46	<i>Anthene lycaenina lycaenia</i> ^	R. Felder, 1868	Pointed Cilate Blue	II	N	Y
47	<i>Castalius rosimon rosimon</i>	Fabricius, 1775	Common Pierrot	-	N	Y
48	<i>Caleta decidia</i>	Hewitson, 1876	Angled Pierrot	-	N	Y
49	<i>Arhopala amantes amantes</i>	Hewitson, 1862	Large Oakblue	-	N	Y
50	<i>Iraota rochana</i> ^	Horsfield, 1829	Scarce Silver Streak Blue	II	N	Y
51	<i>Arhopala bazaloides bazaloides</i> ^	Hewitson, 1878	Tamil Centaur Oakblue	II	N	Y
<b>Hesperiidae (Skippers)</b>						
52	<i>Iambrix salsala luteipalpis</i>	Plotz, 1886	Chestnut Bob	-	Y	N
53	<i>Sarangesa dasahara davidsoni</i>	Swinhoe, 1912	Common Small Flat	-	Y	N
54	<i>Pseudocoladenia dan dan</i>	Fabricius, 1787	Fulvous Pied Flat	-	Y	N
55	<i>Udaspes folus</i>	Cramer, 1775	Grass Demon	-	N	Y

\* WPA 1972 Schedule I ^ WPA 1972 Schedule II

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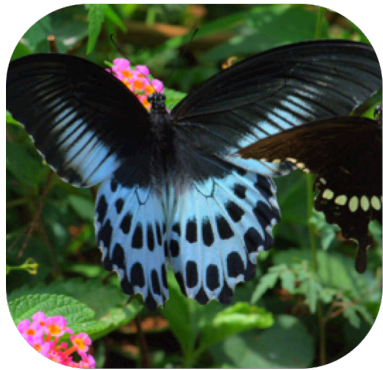
**Common Mormon.**



**Tailed Jay.**



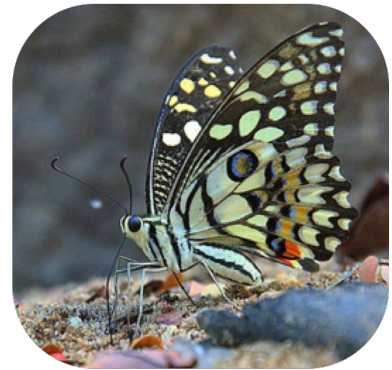
**Blue Bottle.**



**Blue Mormon.**



**Common Jay.**



**Lime Butterfly.**



**Southern Bird Wing.**



**Common emigrant.**



**Common Grass Yellow.**



**Common Wanderer.**



**Small Salmon Arab.**



**Three Spot Grass Yellow.**

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**Common Gull.**



**Common Jezebel.**



**Double Branded Crow.**



**Blue Tiger.**



**Great Eggfly.**



**Tailed Palmfly.**



**Chocolate Pansy.**



**Common Four-ring**



**Common Sailer.**



**Dark Blue Tiger.**



**Grey Eye Bush Brown.**



**Grey Pansy.**

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Lemon Pansy.



Medus Brown.



Plain Tiger.



Striped Tiger.



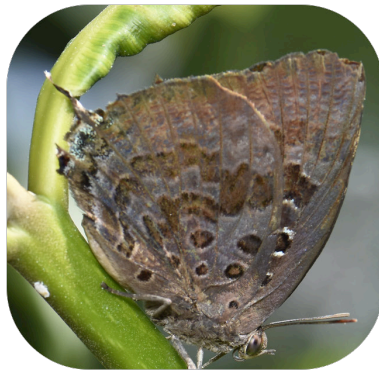
Common Bush Brown.



Common Crow.



White Four-ring



Large Oak Blue.



Pointed Ciliate Blue.



Tiny Grass Blue.



Common Cerulean.



Tailless Lineblue.

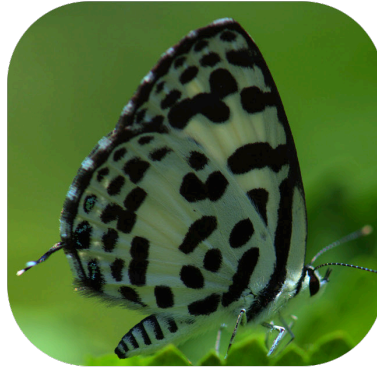
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Newsletter of the



Angle Pierrot.



Common Pierrot.



Dark Grass Blue.



Common Small Flat.



Fulvous Pied Flat.



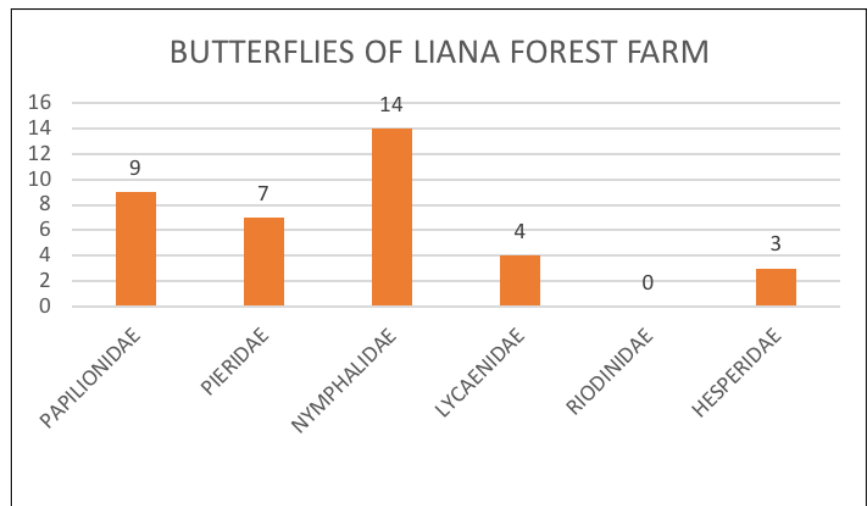
Grass Demon.



Chestnut Bob.

Photos by Nishanth CV

Number of butterfly species recorded under different families.



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favourable habitat for butterflies.

Two species are protected under Schedule I, three species under Schedule II of the Indian Wildlife (Protection) Act 1972. The native tree composition and farming may have helped to support this great variety of butterflies.

## Conclusion

Opportunistic surveys done during the study to create this preliminary checklist, which would form the baseline data for future studies in the study area. The dominance of Nymphalidae and Papilionidae indicates the presence of open vegetation areas.

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## Reference

**Bhakare, M. & H. Ogale (2018).** *A Guide to Butterflies of Western Ghats (India). Includes Butterflies of Kerala, Tamil Nadu, Karnataka, Goa, Maharashtra, and Gujarat states.* Authors and publishers, Satara & Sindhudurga, x+496 pp.

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