

## KENTUCKY BUTTERFLIES.

BY HATTIE H. WARNER, LEXINGTON, KENTUCKY.

The following list has for its foundation a collection belonging to the Experiment Station of the Kentucky State College. The diurnal Lepidoptera have not been made the object of special collecting by the Station entomologist, and doubtless a good many species will be added in the future:—

1. *Papilio ajax*, Linn. Common in all wooded regions throughout the State. High Bridge, Nortonville, Clay's Ferry, etc.
2. *Papilio philenor*, Linn. Frequent throughout the State. Bowling Green, Nortonville, Lexington, etc.
3. *Papilio asterias*, Fab. Frequent everywhere in the State.
4. *Papilio troilus*, Linn. Common locally. Specimens from Glasgow, Clay's Ferry, Fulton, etc.
5. *Papilio turnus*, Linn. Very common everywhere. Specimens from Providence, Lexington, Nortonville, Clay's Ferry, etc.
6. *Papilio cresphontes*, Cram. Rather rare. Lexington, Bowling Green.
7. *Pieris protodice*, Boisd. and Lec. Common some seasons, generally rare. Lexington.
8. *Pieris rapæ*, Linn. Very common everywhere.
9. *Nathalis iole*, Boisd. Very rare.
10. *Callidryas eubule*, Linn. Rather common locally in Western Kentucky.
11. *Colias cæsonia*, Stoll. Lexington. Not common.
12. *Colias philodice*, Godt. The most abundant butterfly of Kentucky. Occurs in large swarms about damp sand in the latter part of summer.
13. *Terias nicippe*, Cram. Common everywhere in lowlands. Lexington, Nicholasville, Bowling Green, High Bridge, etc.
14. *Terias lisa*, Boisd. and Lec. Found only occasionally. Specimens from Glasgow.
15. *Danaïis archippus*, Fab. Common everywhere.
16. *Argynnis diana*, Cram. Very rare. A specimen was collected by Prof. H. Garman, at East Cairo, several years ago.
17. *Argynnis cybele*, Fab. Common about thistles in summer.
18. *Euptoieta claudia*, Cram. Common in fall all over the State. Lexington, Bowling Green, East Hickman.

19. *Melitaea phaeton*, Drury. Moderately common in June. Pineville.
20. *Phyciodes nycteis*, Doubleday and Hewitson. Moderately common everywhere. Specimens from Lexington, Pineville, Brooklyn Bridge.
21. *Phyciodes tharos*, Drury. Very common all over Kentucky. Seen from May through the season.
22. *Grapta interrogationis*, Fab. One of the most abundant butterflies of Kentucky.
23. *Grapta comma*, Harr. Rather rare. Specimens from Lexington.
24. *Grapta progne*, Cram. Rather rare. Specimens from Clay's Ferry.
25. *Vanessa antiopa*, Linn. Not common, most often seen in the fall.
26. *Pyrameis atalanta*, Linn. Frequently seen throughout the State. Specimens from Lexington.
27. *Pyrameis huntera*, Fab. Rather common. Specimens from Lexington, East Hickman and Bryant.
28. *Pyrameis cardui*, Linn. Common everywhere.
29. *Junonia cœnia*, Hubn. Occasional in Eastern Kentucky. Common in western part of State, along the Ohio River. Specimens from Glasgow and Fulton.
30. *Limenitis ursula*, Fab. Frequently seen during the latter part of summer. Specimens from Glasgow, Lexington, Pineville, East Hickman.
31. *Limenitis disippus*, Godt. Not very common. Specimens from Lexington, Glasgow and Tyrone.
32. *Apatura celtis*, Boisd. and Lec. Common everywhere. Specimens from Lexington and Fulton.
33. *Apatura clyton*, Boisd. and Lec. Occasional. Specimens from Lexington, Fulton and Tyrone.
34. *Paphia troglodyta*, Fab. Occasional in Eastern Kentucky. Common locally in Western Kentucky. Found at Lexington, Hopkinsville and Glasgow Junction.
35. *Debis portlandia*, Fab. Moderately common in Western Kentucky. Specimens from Aden Springs and Fulton.
36. *Neonympha gemma*, Hubn. Occasionally seen. Specimens from Fulton.
37. *Neonympha eurytris*, Fab. Rather common in open woods. Specimens from Nortonville, Midland and High Bridge.
38. *Neonympha sosybius*, Fab. Common everywhere in woodland. Specimens from Fulton.

39. *Satyrus alope*, Fab. Common in mountains of Eastern Kentucky. Specimens from Midland.
40. *Libythea bachmani*, Kirtland. Occurs throughout the State. Common in Western Kentucky, along the Mississippi and Ohio Rivers.
41. *Thecla halesus*, Cram. Lexington.
42. *Thecla humuli*, Harr. Rather rare. Specimens from High Bridge and Fulton.
43. *Chrysophanus hypophlaeas*, Boisd. Frequent. Specimens from Lexington.
44. *Lycæna pseudargiolus*, Boisd. and Lec. Frequently seen. Specimens from Lexington and Pineville.
45. *Lycæna comyntas*, Godt. Common everywhere. Specimens from Lexington and Pineville.
46. *Ancyloxypha numitor*, Fab. Abundant everywhere along streams.
47. *Pamphila sabulon*, Boisd. and Lec. Brooklyn Ferry and Lexington.
48. *Pamphila huron*, Edw. Common some seasons in Eastern Kentucky. Specimens from Lexington and Bowling Green.
49. *Pamphila otho*, Smith and Abbott. Rare; one specimen from Glasgow Junction.
50. *Pamphila peckius*, Kirby. Very common everywhere. Seen in June and July.
51. *Pamphila cernes*, Boisd. and Lec. Common throughout the State. Specimens from Lexington, Glasgow, etc.
52. *Pamphila verna*, Edw. Rare, only one specimen in the collection.
53. *Pyrgus tessellata*, Scudd. Common everywhere throughout the State.
54. *Nisoniades martialis*, Scudd. Rare, only one specimen, from Nortonville.
55. *Pholisora catullus*, Fab. Common throughout the State.
56. *Pholisora hayhurstii*, Edw. Not very common. Only one specimen, from Bryant, Kentucky.
57. *Eudamus pylades*, Scudd. Not very common, a single specimen from Brooklyn Bridge.
58. *Eudamus bathyllus*, Smith and Abbott. Rather rare. Specimens from Glasgow and Bowling Green.
59. *Eudamus lycidas*, Smith and Abbott. Rather rare. Specimens from Glasgow Junction.
60. *Eudamus tityrus*, Fab. Common throughout the State.