

LIST OF LEPIDOPTERA TAKEN AT QUEBEC.

BY G. J. BOWLES.

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| PAPILIONIDÆ | |
| 1. <i>Papilio turnus</i> , Linn. | 21. <i>Pyrameis atalanta</i> , Linn. (rare). |
| PIERIDÆ. | |
| 2. <i>Pieris oleracea</i> , Harr. (rare). | 22. <i>cardui</i> , Linn. |
| 3. <i>rapæ</i> , Linn. | 23. <i>Hunera</i> , Sm. |
| 4. <i>Colias philodice</i> , Godt. | 24. <i>Limenitis arthemis</i> , Drur. |
| 5. <i>eurytheme</i> (<i>Chrysotheme</i> ?) | SATYRIDÆ. |
| <i>Boisd</i> (very rare). | 25. <i>Chionobas jutta</i> , Moschler, (C. Balder, Boisd. & Lec.) |
| DANAIDÆ. | |
| 6. <i>Danais archippus</i> , Fab. (rare). | 26. <i>Neonympha Boisduvallii</i> , Harr. |
| NYMPHALIDÆ. | |
| 7. <i>Argynnis cybele</i> , Godt. | 27. <i>Erebia nephele</i> , Kirby. |
| 8. <i>myrina</i> , Cram. | 28. <i>Satyrus alope</i> , (?) Fab. |
| 9. <i>bellona</i> , Godt. (very rare). | LYCÆNIDÆ. |
| 10. <i>aphrodite</i> , Godt. | 29. <i>Thecla Augustus</i> , Kirby. |
| 11. <i>Melitæa phæton</i> , Cram (rare). | 30. <i>clothilde</i> , Edwards. |
| 12. <i>Harrisii</i> , Scudder. | 31. <i>Polyommatus Americana</i> , D' Urb. |
| 13. <i>tharos</i> , Cram. | 32. <i>epixanthe</i> , Boisd & Lec. |
| 14. <i>Grapta interrogationis</i> , Godt. (very rare). | 33. <i>lucia</i> , Kirby. |
| 15. <i>comma</i> , Harr. | HESPERIDÆ. |
| 16. <i>faunus</i> , Edwards. | 34. <i>Eudamus tityrus</i> , Smith (v. rare). |
| 17. <i>Vanessa J-album</i> , Boisd & Lec. | 35. <i>bathyllus</i> , Smith. |
| 18. <i>Milberti</i> , Encyc. | 36. <i>Nisoniades brizo</i> , Boisd & Lec. |
| 19. <i>progne</i> , Cram. | 37. <i>catullus</i> , Smith. |
| 20. <i>antiopa</i> , Linn. | 38. <i>Hesperia mystic</i> , Edwards. |
| | 39. <i>hobomok</i> , Harr. |
| | 40. <i>wamsutta</i> , Harr. |
| | 41. <i>abatton</i> , Harr. |
| | 42. <i>mandan</i> , Edwards. |

NOTES.

I have followed the authorities given in the Society's list. *Papilio asterias* is common one hundred and fifty miles east and west of Quebec. *Pieris oleracea* is subject to great variation. I have seen specimens with the nervures on the under side as fully covered with greyish scales as *P. napi* of Europe, and others with secondaries of a greenish tinge underneath. *Argynnis Atlantis* has been taken fifty miles west of the city, and on the lower St. Lawrence. Quebec is the only known locality for *Chionobas jutta* in Canada. I retain the two species, *Erebia nephele* and *Satyrus alope*, though some of our best entomologists consider them to be identical. I have never seen a Quebec specimen with the band on the fore wings of a yellow colour. Those