

NEUROPTERA.—ODONATA.

PLATE IX.

[Figg. 8, 11, 12, 30, 33, 55 are from photographs by Dr. Henry Skinner, all the others are camera drawings. All figures of the genitalia of the second abdominal segment, ♂, are inverted, as these parts are most easily examined when the insect is so held.]

- Figg. 1-5. *Ephidatia longipes cubensis*, Scudder. Altamira, June. 1-3. Apex of abdomen, ♂, left side, three individuals, $\times 9.4$. 4. Genitalia of second abdominal segment, ♂, left side, $\times 16.8$. 5. Apex of abdomen, ♀, ventral view, $\times 5.5$.
6. *Uracis imbuta*, Burm., ♂. Bugaba. Genitalia of second abdominal segment, left side, $\times 16.8$.
- 7, 8. *U. fastigiata*, Burm., ♂. 7. Genitalia of second abdominal segment, left side. Volcan de Chiriqui, $\times 12.5$. 8. Venation, right side, $\times 1.2$. Nicaragua. The small cross-veins at the apices of the wings are omitted.
- 9-11. *Tholymis citrina*, Hagen, ♂. Atoyac, May. 9. Genitalia of second abdominal segment, left side, $\times 8.5$. 10. Apex of abdomen, left side, $\times 6.5$. 11. Venation, right side, $\times 1.2$.
12. *Micrathyria didyma*, Selys, ♀. Isthmus of Tehuantepec. Venation, right side, $\times 1.2$.
- 13-15. *M. atra*, Martin, ♂. San Felipe, February. 13. Pattern of colouring of thorax, left side, $\times 2.5$; in this and similar figures, sutures and metastigma in solid lines. 14. Apex of abdomen, left side, $\times 11.3$. 15. Genitalia of second abdominal segment, left side, $\times 17.7$.
- 16-18. *M. hageni*, Kirby. 16, ♀, Havana. Colour-pattern of thorax, left side, $\times 2.5$, as in fig. 13. 17, 18, ♂, Matamoros. Dorsal and left profile views, apex of abdomen, $\times 13.5$.
- 19-21. *M. dissocians*, sp. n., ♂. Atoyac, May. 19, 20. Ventral and left profile views, apex of abdomen, $\times 11.6$. 21. Genitalia of second abdominal segment, left side, $\times 17.7$.
- 22, 23. *M. ocellata*, Martin, ♂. Los Amates, February. 22. Colour-pattern of thorax, left side, $\times 2.5$. 23. Apex of abdomen, left side, $\times 22.5$.
24. *M. schumanni*, sp. n., ♂. Guadalajara, July. Apex of abdomen, left side, $\times 12.4$.
- 25-27. *M. debilis*, Hagen. 25, ♀, Altamira, June. Colour-pattern of thorax, left side, $\times 2.5$. 26, ♂, Puerto Barrios, March. Apex of abdomen, left side, $\times 22.5$; a, base of right superior appendage to show the infero-internal subbasal denticle, $\times 22.5$. 27, ♂, Puerto Barrios, March. Genitalia of second abdominal segment, left side, $\times 30$; b, ventral view of anterior lamina, $\times 30$.
- 28-30. *M. eximia*, Kirby. 28, ♂, Puerto Barrios, March. Apex of abdomen, left side, $\times 22.5$. 29, ♂, id. id. Genitalia of second abdominal segment, left side, $\times 30$. 30, ♀, David. Venation of right side, $\times 1.2$.*
- 31-33. *Nephepeltia phryne*, Perty, ♂. Puerto Barrios, February. 31. Apex of abdomen, left side, $\times 12.7$. 32. Genitalia of second abdominal segment and metathoracic spine, left side, $\times 12$. 33. Venation of right side, $\times 1.2$.
34. *Orthemis ferruginea*, Fabr., ♀. Teapa, March. Colour-pattern of thorax, left side, as in fig. 13. $\times 2.5$.
35. *O. sulphurata*, Hagen, ♂. Guayaquil. Colour-pattern of thorax, left side, $\times 2.5$.
- 36, 37. *O. biolleyi*, sp. n., ♂. Esparta, January. 36. Colour-pattern of thorax, left side, $\times 2.5$. 37. Genitalia of second abdominal segment, left side, $\times 11.6$.
- 38, 39. *O. levis*, sp. n., ♂. San Felipe, February. 38. Colour-pattern of thorax, left side, $\times 2.5$. 39. Genitalia of second abdominal segment, left side, $\times 12.3$.
40. *Erythrodiplax ochracea*, Burm., ♂. Atoyac, May. Genitalia of second abdominal segment, left side, $\times 11.6$.
41. *E. connata*, Burm., *e. (fusca)*, Rambur, ♂. Panama. Genitalia of second abdominal segment, left side, $\times 11.6$.
42. *E. erichsoni*?, Kirby, ♂. Esparta, January. Genitalia of second abdominal segment, left side, $\times 11.6$.
- 43-45. *Macrothemis musiva*, Calvert, ♂. Teapa, February. 43, 44. Left profile and ventral views of apex of abdomen, $\times 12$. 45. Genitalia of second abdominal segment, left side, $\times 17.7$.
- 46, 47. *Tauriphila australis*, Hagen, ♂. Teapa, February. Dorsal and left profile views of apex of abdomen, $\times 12$.
- 48, 49. *T. argo*, Hagen, ♂. Puerto Barrios, March. Dorsal and left profile views of apex of abdomen, $\times 12$.
50. *Rhodopygia cardinalis*, Erichson, ♂. Eastern Peru? Left genital hamule, $\times 18$.
- 51-53. *R. hinei*, sp. n., ♂. Morales, March. 51. Apex of abdomen, left side, $\times 12$. 52. Genitalia of second abdominal segment, left side, $\times 11.6$. 53. Left genital hamule, $\times 18$.
54. *R. hollandi*, sp. n., ♂. Cuyaba, January. Left genital hamule, $\times 21$.
- 55-58. *Piatyplax sanguiniventris*, sp. n., ♂. Altamira, June. 55. Venation of right side, $\times 1.2$. 56. Genitalia of second abdominal segment, left side, $\times 11.6$. 57. Apex of abdomen, left side, $\times 9.4$. 58. Inferior abdominal appendage, ventral view, $\times 9.4$.

* This female is unusual in possessing a supernumerary antecubital on the right (but not on the left) hind wing, proximal to the nodus and not reaching to the median vein; it has been omitted from fig. 30.