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NOTES ON CANADIAN LEPIDOPTERA.

BY THE EDITOR.

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17. *CRESSONIA JUGLANDIS*, Smith.—This well-known insect has been taken as the type of a new genus, worthily dedicated to Mr. E. T. Cresson, Philadelphia, by Messrs. Grote & Robinson, (Pro. E. S. Phil. v. 186). Its structural differences from the other species of *Smerinthus* appear to fully warrant its separation from them.

18. *MACROSILA QUINQUEMACULATA*, Haw.—The transference of this and several other American species to Boisduval's genus from that of *Sphinx* was made by Walker (C. B. M. viii. 198), and has since been concurred in by Clemens and Grote.

19. *DAREMMA UNDULOSA*, Walk.—This species has given rise to an extraordinary amount of confusion and difficulty. Mr. Walker himself has stated (*vide* Pro. E. S. Phil. v. 189), that "this species is a mistake; it has been newly identified as a dwarfed and slightly aberrant specimen of *Sphinx brontes*." The specimens, however, from which he described his *M. brontes*, Drury, "differ much from Drury's figure, and may be a distinct species" (C. B. M. viii. 199); they have since proved to be Dr. Clemens' *Ceratonia repentinus*, which insect Grote & Rob. consider structurally distinct from the other species of *Ceratonia*. The question now is, what name is this unfortunate insect to bear? The last named authors (Trans. E. S. ii. 76) go back to *Daremma undulosa*; with all due deference we should say *D. repentinus* would be the more just designation, being Walker's genus and Clemens' species.

20. *CERATOMIA AMYNTOR*, Hübn.—This specific name appears to have the priority over Harris' *C. quadricornis*.

21. *SPHYNX EREMITUS*, Hübn.—This is the *S. sordida* of Harris; the former name has the priority.

22. *SPHYNX CHERSIS*, Hübn.—The *S. cinerea* of Harris.