

- Subfamily: Ephemerinae 1. *Hexagenia bilineata* Say.
 2. *Ephemera simulans* Walker.
- Subfamily: Heptageninae 1. *Heptagenia flavescens* Walsh.
 2. " *lutea* sp. nov.
 3. " *fusca* sp. nov.
 4. " *tripunctata* Banks
 5. " *rubromaculata* sp.
 nov.
 6. " *luridipennis* Burm.
 7. " *canadensis* Walker
 8. " *frontalis* Banks.
 9. " sp.? (nymphs only).
 10. *Ecdyurus maculipennis* Walsh.
 11. " *lucidipennis* sp. nov.
 12. " *grandis* sp. nov.
- Subfamily: Baetinae 1. *Baetisca obesa* Walsh.
 2. *Leptophlebia*, sp.? (nymph only).
 3. *Blasturus cupidus* Say.
 4. *Blasturus nebulosus* Say.
 5. *Choroterpes* (?) *basalis* Banks.
 6. *Ephemerella lutulenta* sp. nov.
 7. *Ephemerella lineata* sp. nov.
 8. *Ephemerella bicolor* sp. nov.
 9. *Drunella* sp.? (nymph only).
 10. *Cænis diminuta* Walker.
 11. *Tricorythus allectus* Needham.
 12. *Chirotenetes albomanicatus* Needham.
 13. *Siphylurus flexus* sp. nov.
 14. *Baetis propinquus* Walsh.
 15. *Clæon dubium* Walsh.
 16. *Callibaetis ferrugineus* Walsh.

DESCRIPTIONS AND NOTES.

Genus HEPTAGENIA

Special attention was given to this genus on account of its abundance and the comparatively large number of species. The