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A preliminary list of Neuroptera from the Great Smoky Mountains National Park

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A preliminary list of Neuroptera from the Great Smoky Mountains National Park

The following species of Neuroptera have been identified from the Great Smoky Mountains National Park. The names are provided as part of the All Taxa Biodiversity Inventory of the park (ATBI). The material was studied in 2000 at the Natural History Museum at Sugarlands Headquarters (GRSM). Additional material was obtained from two Malaise traps run for over a year (1999-2000) at the Twin Creeks Science Center and specimens obtained by the author during the first week of September, 2000. Nearly all of the specimens were collected at relatively low altitudes (Cosby; Elk-mont; Twin Creeks; Sugarland Visitor Center) from April to September. Only *Hemerobius stigma* Stephens was collected in mid-winter. *Wesmaelius nervosus* (F.) is a notable exception, being collected at 6100' at Mt. Buckley. Additional species probably occur at the higher elevations. All of the material is found in the collection at the Natural History Museum at the Sugarlands visitor center of the park. This is Entomology Contribution No. 916, Bureau of Entomology, Nematology & Plant Pathology.

FAMILY ASCALAPHIDAE

1. *Ascaloptynx appendiculatus* (Fabricius) 1793
2. *Ululodes quadripunctatus* (Burmeister) 1839

FAMILY BEROETHIDAE

3. *Lomamyia banksi* Carpenter) 1940

FAMILY CHRYSOPIDAE

4. *Ceraeochrysa lineaticornis* (Fitch) 1855

5. *Chrysopa oculata* Say 1839
6. *Chrysopa nigricornis* Burmeister 1839
7. *Leucochrysa insularis* (Walker) 1853

FAMILY CONIOPTERYGIDAE

8. *Coniopteryx tineiformis* Curtis 1834
9. *Conwentzia pineticola* Enderlein 1905
10. *Semidalis vicina* (Hagen) 1861

FAMILY DILARIDAE

11. *Nallachius americanus* (McLachlan) 1881

FAMILY HEMEROBIIDAE

12. *Hemerobius humulinus* Linnaeus 1758
13. *Hemerobius stigma* Stephens 1821
14. *Megalomus* sp.
15. *Micromus posticus* (Walker) 1853
16. *Micromus subanticus* (Walker) 1853
17. *Wesmaelius nervosus* (F.) 1793

FAMILY MANTISPIDAE

18. *Mantispa viridis* Walker 1853

FAMILY MYRMELEONTIDAE

19. *Dendroleon obsoletus* (Say) 1839
20. *Glenurus gratus* (Say) 1839
21. *Myrmeleon immaculatus* DeGeer 1773
22. *Psammoleon guttipes* Banks 1906

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