

THE NUMBER OF GENERA AND SPECIES OF MAYFLIES (EPHEMEROPTERA)^{1, 2}

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ABSTRACT: The number of genera and species in the various families of Ephemeroptera is listed.

In response to numerous inquiries and at the instigation of Dr. George F. Edmunds, Jr., University of Utah, we have decided to compile a list of families of recent mayflies of the world, together with an indication of the numbers of genera and species included in each, in the hopes that this list might be of use to others. The familial classification is based on that of Edmunds, Jensen, & Berner (1976, *Mayflies of North and Central America*, University of Minnesota Press, in press). The data are extracted from a catalog of the literature on Ephemeroptera in the files of the Laboratory of Aquatic Entomology, Florida A & M University.

In all there are 20 families of recent Ephemeroptera, which include approximately 213 genera and 2139 valid species.

The list of families in rough phylogenetic order follows below.

**Table 1. List of families of recent Ephemeroptera,
with numbers of included genera and species.**

Siphonuridae	.....	26 genera, 163 species
Metrotopididae	.....	2 genera, 7 species
Siphlaenigmatidae	.....	1 genus, 1 species
Baetidae	.....	17 genera, 519 species
Oligoneuriidae	.....	9 genera, 49 species
Heptageniidae	.....	28 genera, 378 species
Ametropodidae	.....	1 genus, 4 species
Leptophlebiidae	.....	62 genera, 377 species
Ephemerellidae	.....	7 genera, 163 species (some workers divide this into as many as 20 genera)
Tricorythidae	.....	13 genera, 122 species
Neophemeridae	.....	2 genera, 8 species
Caenidae	.....	6 genera, 81 species
Behningiidae	.....	3 genera, 5 species
Potamanthidae	.....	7 genera, 27 species
Euthyplociidae	.....	7 genera, 12 species
Ephemeridae	.....	8 genera, 99 species
Polymitarcyidae	.....	6 genera, 70 species
Palingeniidae	.....	6 genera, 31 species
Baetiscidae	.....	1 genus, 12 species
Prosopistomatidae	.....	1 genus, 11 species

¹ Accepted for publication: April 10, 1976

² This study was partially supported by a grant from The Cooperative State Research Service, U.S.D.A., Grant #616-15-20.

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