

Table 2.1. Alphabetical list of families, genera, and species or varieties of Ephemeroptera known or suspected from Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina & Tennessee (USEPA Region 4). For a listing of state distributions from within this region for each species, see McCafferty et al. (2010), with additional records given by McCafferty (2011b). + = Species known from nearby states, suspected to occur in Region 4 and addressed in key, either in a couplet or anecdotally. † = Species unknown as larva. ‡ = Species unknown as larva and presumed to be extinct.

Acanthametropodidae

Acanthametropus pecatonica (Burks)

Ameletidae

- + *Ameletus browni* McDunnough
Ameletus cryptostimulus Carle
Ameletus lineatus Traver
Ameletus ludens Needham
Ameletus tarteri Burrows
Ameletus tertius McDunnough
Ameletus sp. 1
Ameletus sp. 2
Ameletus sp. 3

Arthropleidae

Arthroplea bipunctata
(McDunnough)

Baetidae

- Acentrellaalachua* (Berner)
*Acentrella barbara*e Jacobus & McCafferty
Acentrella nadineae McCafferty, Waltz & Webb
Acentrella parvula (McDunnough)
Acentrella turbida (McDunnough)
- Acerpenna macdunnoughi* (Ide)
Acerpenna pygmaea (Hagen)
- Anafroptilum album* (McDunnough)
Anafroptilum bifurcatum
(McDunnough)
Anafroptilum minor (McDunnough)
Anafroptilum ozarkense (Wiersema & Burian)
- + *Anafroptilum semirufum*
(McDunnough)
Anafroptilum sp. A

Baetidae continued

- Apobaetis etowah* (Traver)
† *Apobaetis futilis* (McDunnough)
Apobaetis sp. A
- Baetis brunneicolor* McDunnough
Baetis flavistriga McDunnough
Baetis intercalaris McDunnough
Baetis phoebus McDunnough
Baetis pluto McDunnough
Baetis tricaudatus Dodd
- Baetopus trishae* Waltz
Baetopus sp. A
- Barbaetis benfieldi* Kennedy
- Callibaetis floridanus* Banks
Callibaetis fluctuans (Walsh)
Callibaetis pretiosus Banks
- Camelobaetidius musseri* (Traver & Edmunds)
- Cloeon dipterum* (Linnaeus)
- Dipheter hageni* (Eaton)
- + *Fallceon quilleri* (Dodds)
- Heterocloeon amplum* (Traver)
*Heterocloeon berner*i (Müller-Liebenau)
Heterocloeon curiosum
(McDunnough)
Heterocloeon frivolum
(McDunnough)
Heterocloeon grande (Wiersema & Long)

Baetidae continued

- Heterocloeon petersi* (Müller-Liebenau)
Heterocloeon sp. A
Heterocloeon sp. B
+ *Heterocloeon* sp. C
+ *Heterocloeon* sp. D
- Iswaeon anoka* (Daggy)
Iswaeon davidi (Waltz & McCafferty)
† *Iswaeon rubrolaterale* (McDunnough)
- Labiobaetis dardanus* (McDunnough)
Labiobaetis ephippiatus (Traver)
Labiobaetis frondalis (McDunnough)
+ *Labiobaetis longipalpus* (Moriyama & McCafferty)
Labiobaetis propinquus (Walsh)
- Neocloeon alamance* Traver
Neocloeon triangulifer (McDunnough)
- Paracloeodes fleeki* McCafferty & Lenat
Paracloeodes minutus (Daggy)
- Plauditus bimaculatus* (Berner)
Plauditus cestus (Provonsha & McCafferty)
Plauditus cingulatus (McDunnough)
Plauditus dubius (Walsh)
Plauditus gloveri McCafferty & Waltz
Plauditus punctiventris (McDunnough)
+ *Plauditus texanus* Wiersema
† *Plauditus veteris* (McDunnough)
Plauditus virilis (McDunnough)
- Procloeon fragile* (McDunnough)
† *Procloeon intermediale* (McDunnough)
Procloeon nelsoni Wiersema
Procloeon pennulatum (Eaton)
Procloeon quaesitum (McDunnough)
Procloeon rivulare (Traver)
Procloeon rubropictum (McDunnough)

Baetidae continued

- Procloeon rufostriatum* (McDunnough)
† *Procloeon simile* (McDunnough)
Procloeon simplex (McDunnough)
Procloeon viridoculare (Berner)
Procloeon sp. A
+ *Procloeon* sp. B
- Pseudocentropiloides usa* Waltz & McCafferty
- Waynokiops dentatogriphus* Hill, Pfeiffer & Jacobus

Baetiscidae

- Baetisca becki* Schneider & Berner
Baetisca beneri Tarter & Kirchner
Baetisca carolina Traver
Baetisca escambiensis Berner
Baetisca gibbera Berner
Baetisca lacustris McDunnough
Baetisca laurentina McDunnough
Baetisca obesa (Say)
Baetisca rogersi Berner
+ *Baetisca rubescens* (Provancher)

Behningiidae

- Dolania americana* Edmunds & Traver

Caenidae

- Amercaenis cusabo* Provonsha & McCafferty
- Brachycercus beneri* Soldán
Brachycercus nitidus (Traver)
- Caenis amica* Hagen
Caenis anceps Traver
Caenis diminuta Walker
Caenis eglinensis Pescador & Richard
Caenis hilaris (Say)
Caenis latipennis Banks
Caenis maccafferti Provonsha
Caenis punctata McDunnough
Caenis tardata McDunnough

Caenidae continued

- Cercobrachys etowah* Soldán
Cercobrachys pomeiok Sun & McCafferty
- Sparbarus choctaw* Sun & McCafferty
Sparbarus lacustris (Needham)
Sparbarus maculatus (Berner)
Sparbarus miccosukee Sun & McCafferty
Sparbarus nasutus (Soldán)
- Susperatus prudens* (McDunnough)

Ephemerellidae

- Attenella attenuata* (McDunnough)
Attenella margarita (Needham)
- Dannella lita* (Burks)
Dannella provonshai (McCafferty)
Dannella simplex (McDunnough)
- Drunella allegheniensis* (Traver)
Drunella cornuta (Morgan)
Drunella cornutella (McDunnough)
Drunella lata (Morgan)
Drunella longicornis (Traver)
Drunella tuberculata (Morgan)
Drunella walkeri (Eaton)
- Ephemerella catawba* Traver
Ephemerella crenula Allen & Edmunds
Ephemerella dorothea Needham
Ephemerella excrucians Walsh
Ephemerella floripara McCafferty
Ephemerella hispida Allen & Edmunds
Ephemerella invaria (Walker)
Ephemerella needhami McDunnough
Ephemerella rossi Allen & Edmunds
Ephemerella subvaria McDunnough
- Eurylophella aestiva* (McDunnough)
Eurylophella bicolor (Clemens)
Eurylophella doris (Traver)

Ephemerellidae continued

- Eurylophella enoensis* Funk
Eurylophella funeralis
 (McDunnough)
Eurylophella lutulenta (Clemens)
Eurylophella macdunnoughi Funk
Eurylophella minimella
 (McDunnough)
Eurylophella oviruptis Funk
Eurylophella prudentialis
 (McDunnough)
Eurylophella temporalis
 (McDunnough)
Eurylophella verisimilis
 (McDunnough)
- Penelomax septentrionalis*
 (McDunnough)
- Serratella frisoni* (McDunnough)
Serratella serrata (Morgan)
Serratella serratoides (McDunnough)
- Teloganopsis deficiens* (Morgan)
- Tsalia bernerii* (Allen & Edmunds)

Ephemeridae

- Ephemera blanda* Traver
Ephemera guttulata Pictet
Ephemera simulans Walker
Ephemera varia Eaton
- Hexagenia atrocaudata* McDunnough
Hexagenia bilineata (Say)
Hexagenia limbata (Serville)
Hexagenia orlando Traver
Hexagenia rigida McDunnough
- Litobranca recurvata* (Morgan)

Heptageniidae

- Cinygmula subaequalis* (Banks)
- Epeorus dispar* (Traver)
Epeorus fragilis (Morgan)
Epeorus namatus (Burks)
Epeorus pleuralis (Banks)

Heptageniidae continued

- + *Epeorus punctatus* (McDunnough)
Epeorus subpallidus (Traver)
Epeorus vitreus (Walker)
- Heptagenia dolosa* Traver
Heptagenia flavescens (Walsh)
Heptagenia julia Traver
Heptagenia marginalis Banks
Heptagenia pulla (Clemens)
Heptagenia townesi Traver
- Leucrocuta aphrodite* (McDunnough)
Leucrocuta hebe (McDunnough)
Leucrocuta juno (McDunnough)
Leucrocuta maculipennis (Walsh)
Leucrocuta minerva (McDunnough)
Leucrocuta thetis (Traver)
Leucrocuta sp. 1
Leucrocuta var. A
- Maccaffertium appaloosa* McCafferty
Maccaffertium bednariki McCafferty
Maccaffertium carlsoni (Lewis)
Maccaffertium exiguum (Traver)
Maccaffertium ithaca (Clemens & Leonard)
- + *Maccaffertium lenati* McCafferty
Maccaffertium luteum (Clemens)
Maccaffertium mediopunctatum (McDunnough)
Maccaffertium meririvulanum (Carle & Lewis)
Maccaffertium mexicanum (Ulmer)
Maccaffertium modestum (Banks)
Maccaffertium pudicum (Hagen)
Maccaffertium pulchellum (Walsh)
Maccaffertium sinclairi (Lewis)
Maccaffertium smithae (Traver)
Maccaffertium terminatum (Walsh)
Maccaffertium vicarium (Walker)
Maccaffertium wudigeum McCafferty & Lenat
- Macdunnoa brunnea* Flowers
Macdunnoa persimplex (McDunnough)

Heptageniidae continued

- Nixe flowersi* McCafferty
Nixe inconspicua (McDunnough)
- + *Nixe lucidipennis* (Clemens)
Nixe perfida (McDunnough)
Nixe rusticalis (Traver)
Nixe spinosa (Traver)
- Raptoheptagenia cruentata* (Walsh)
- Rhithrogena amica* Traver
- † *Rhithrogena anomala* McDunnough
Rhithrogena exilis Traver
Rhithrogena fasciata Traver
Rhithrogena fuscifrons Traver
Rhithrogena impersonata (McDunnough)
Rhithrogena manifesta Eaton
- † *Rhithrogena rubicunda* Traver
Rhithrogena uhari Traver
- Spinadis simplex* (Walsh)
- Stenacron candidum* (Traver)
Stenacron carolina (Banks)
Stenacron floridense (Lewis)
Stenacron gildersleevei (Traver)
Stenacron interpunctatum (Say)
Stenacron minnetonka (Daggy)
Stenacron pallidum (Traver)
- Stenonema femoratum* (Say)

Isonychiidae

- Isonychia arida* (Say)
- † *Isonychia bernerii* Kondratieff & Voshell
Isonychia bicolor (Walker)
- ‡ *Isonychia diversa* Traver
Isonychia georgiae McDunnough
- + *Isonychia hoffmani* Kondratieff & Voshell
Isonychia obscura Traver
Isonychia rufa McDunnough
Isonychia sayi Burks
Isonychia serrata Traver
Isonychia sicca (Walsh)
Isonychia similis Traver
Isonychia tusculanensis Berner

Leptohyphidae

- † *Asioplax dolani* (Allen)
 † *Asioplax texana* (Traver)
- Tricorythodes albilineatus* Berner
Tricorythodes allectus (Needham)
- + *Tricorythodes curvatus* Allen
Tricorythodes robacki (Allen)
Tricorythodes stygiatus McDunnough

Leptophlebiidae

- Choroerpes basalis* (Banks)
- Habrophlebia vibrans* Needham
- Habrophlebiodes americana* (Banks)
Habrophlebiodes brunneipennis
 Berner
Habrophlebiodes celetaria Berner
- Leptophlebia bradleyi* Needham
Leptophlebia cupida (Say)
Leptophlebia intermedia (Traver)
Leptophlebia johnsoni McDunnough
Leptophlebia nebulosa (Walker)
- Paraleptophlebia adoptiva*
 (McDunnough)
- + *Paraleptophlebia assimilis* (Banks)
Paraleptophlebia calcarica
 Rowbotham & Allen
Paraleptophlebia debilis (Walker)
Paraleptophlebia georgiana Traver
Paraleptophlebia guttata
 (McDunnough)
Paraleptophlebia jeanae Berner
Paraleptophlebia kirchneri
 Kondratieff & Durfee
Paraleptophlebia moerens
 (McDunnough)
Paraleptophlebia mollis (Eaton)
Paraleptophlebia ontario
 (McDunnough)

Leptophlebiidae continued

- Paraleptophlebia praepedita* (Eaton)
- + *Paraleptophlebia sticta* Burks
- + *Paraleptophlebia strigula*
 (McDunnough)
Paraleptophlebia swannanoa
 (Traver)
Paraleptophlebia volitans
 (McDunnough)
- Traverella lewisi* Allen

Metretopodidae

- Siphloplecton basale* (Walker)
Siphloplecton brunneum Berner
- † *Siphloplecton costalense* Spieth
Siphloplecton fuscum Berner
- † *Siphloplecton simile* Berner
Siphloplecton speciosum Traver

Neoephemeridae

- + *Neoephemera bicolor* McDunnough
Neoephemera compressa Berner
Neoephemera sp. B
Neoephemera purpurea (Traver)
Neoephemera youngi Berner

Oligoneuriidae

- Homoeoneuria cahabensis* Pescador
 & Peters
Homoeoneuria dolani Edmunds,
 Berner & Traver

Palingeniidae

- ‡ *Pentagenia robusta* McDunnough
Pentagenia vittigera (Walsh)

Polymitarcyidae

- Ephoron album* (Say)
Ephoron leukon Williamson
- + *Tortopsis primus* (McDunnough)
Tortopsis puella (Pictet)

Potamanthidae

Anthopotamus distinctus (Traver)

Anthopotamus neglectus (Traver)

Anthopotamus myops (Walsh)

Anthopotamus verticis (Say)

Pseudironidae

Pseudiron centralis (McDunnough)

Siphonuridae

Siphonurus alternatus (Say)

† *Siphonurus decorus* Traver

‡ *Siphonurus luridipennis*
(Burmeister)

Siphonurus marginatus Traver

+ *Siphonurus marshalli* Traver

Siphonurus minnoi Provonsha &
McCafferty

Siphonurus mirus (Eaton)

Siphonurus quebecensis
(Provancher)

Siphonurus typicus (Eaton)