

## **Hatch Chart for Southeast Minnesota Trout Streams**

INSECT	SIZE	BODY/WING COLOR	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct
Tiny Winter Black Stonefly (Allocapnia/Paracapnia sp.)	12-14	Black Dark gray wing										
Medium Evening Sedge (Dolophilodes distinctus)	12-16	Brown Dark gray wing										
Blue-winged Olive ( <i>Baetis</i> sp.)	16-22	Grayish olive to dark olive Subimago - Dark gray wing										
Dark Hendrickson ( <i>Ephemerella subvaria</i> )	12-14	Reddish brown to tan Subimago - Dark gray wing										
Summer Flier Sedge ( <i>Limnephilus submonifer</i> )	8-10	Ginger Ginger wing										
Early Brown Stonefly ( <i>Taeniopteryx</i> sp.)	10-12	Brown Brown wing										
Giant Black Stonefly (Pterynarcys sp.)	2-6	Dark Gray Black wing										
Little Sister Sedge (Cheumatopsyche pasella)	14-16	Green Mottled brown wing										
Little Tan Short Horn Sedge (Glossosoma intermedium/G. nigrior)	14-18	Greenish brown  Tan to medium brown wing										
Little Black Sedge (Chimarra aterrima)	16-18	Black Black or dk. brown wing										
American Grannom (Brachycentrus americanus)	12-14	Green Tan wing										
Speckled Peter (Helicopsyche borealis)	16-20	Pale yellow Tan w/speckled dk. brown										
Light Hendrickson ( <i>Ephemerella invaria</i> )	14-16	Tan with olive and yellow cast Subimago - Medium gray wing										
Medium Brown Stonefly (Isoperla sp.)	8-10	Brown Dark brown wing										
Spotted Sedge (Hydropsyche slossonae)	12-14	Brownish yellow Mottled brown wing										
Iron Blue Quill ( <i>Paraleptophlebia</i> sp.)	18-20	Dark gray with maroon cast Subimago - Dark gray wing										

## Hatch Chart - Page 2

INSECT	SIZE	BODY/WING COLOR	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct
Sulfur ( <i>Ephemerella dorothea</i> )	16-18	Orange to cream Subimago - Light gray wing										
March Brown <sup>1</sup> ( <i>Macaffertium vicarium</i> )	10-12	Mottled tan and brown Subimago-Mottlled brown wing										
Light Cahill <sup>2</sup> ( <i>Macaffertium ithaca</i> )	12-16	Cream to tan Subimago - Tan/cream wing										
Little Black Quill <sup>5</sup> ( <i>Teloganopsis deficiens</i> )	20-22	Rust to dark gray Subimago - Black to dark gray										
Brown Drake ( <i>Ephemera simulans</i> )	8-10	Tan with brown markings Subimago - mottled brown										
Craneflies (Tipulidae)	10-14	Assorted, usually tan to olive										
Gray Checkered Sedge (Molanna flavicornis/M. uniophila)	6-10	Brown Mottled gray wing										
Big Golden Stonefly (Acroneuria sp)	4-8	Gold and brown Medium gray wing										
Summer Flier Sedge ( <i>Limnephilus rhombicus</i> )	8-10	Ginger Ginger wing										
Little Red Twilight Sedge (Neureclipsis bimaculata/N. crepuscu	16-20 llaris)	Yellow Reddish brown wing										
Yellow Sally Stonefly (Allo <i>perla</i> sp.)	12-14	Dirty yellow/pale green Light gray wing										
Little Sister Sedge (Cheumatopsyche oxa/C. wabasha)	14-16	Green Mottled brown wing										
Long-horn Sedge (Oecetis avara)	12-16	Yellow to brown Yellow to brown wing										
Dinky Purple-Breasted Sedge (Psychomyia flavida)	18-22	Yellow w/purplish tinge Lt. to dk. brown wing										
Giant Rusty Sedge (Ptilostomis ocellifera)	4-8	Yellowish brown Lt. Reddish brown wing										
Little Plain Brown Sedge (Lepidostoma togatum)	14-18	Brown Brown wing										
White Miller ( <i>Nectopsyche albida</i> )	10-12	White to pale green White to pale gray wing										
Little Blue-winged Olive <sup>3</sup> (Plauditus punctiventris)	20-22	Pale yellow olive Subimago - Dark gray wing										

## **Hatch Chart - Page 3**

INSECT	SIZE	BODY/WING COLOR	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct
White-winged Blacks ( <i>Tricorythodes</i> sp.)	20-24	Charcoal Subimago - Cream/white wing										
Brown Checkered Summer Sedge (Polycentropus cinereus/P. interruptu	16-20 s)	Yellowish brown Checkered brown wing										
Yellow Drake <sup>4</sup> ( <i>Anthopotamus distinctus</i> )	10-12	Creamy yellow Subimago - Cream wing										
Beetles and Ants (Coleoptera & Hymenoptera)	8-24	Black and brown										
Grasshoppers (Orthoptera)	6-16	Yellow and green bodied										
Crickets (Orthoptera)	10-16	Black										
Blue-winged Olive ( <i>Baetis</i> sp.)	16-22	Grayish olive to dark olive Subimago - Dark gray wing										
Autumn Mottled Sedge (Neophlax concinnus)	12-14	Brownish yellow Mottled brown wing										
Midges (Diptera - Chironomidae)	16-28	Black, olive, and cream bodied										



Information on this chart represents a general time frame for hatches on southeast Minnesota trout streams. Some streams have only a few of these hatches and other streams may experience hatches not listed.

This chart was developed using information from Wayne Bartz's "The Bartz Chartz", <u>Caddisflies</u> by Gary LaFontaine, <u>Stoneflies</u> for the <u>angler</u> by Eric Leiser and Robert Boyle, <u>Stoneflies</u> by Carl Richards, Doug Swisher, and Fred Arbona, Jr., and a journal article from the Transactions of the American Entomological Society (D.C. Houghton, R.W. Holzenthal, M.P. Monson, D.B. MacLean. 2001. Updated Checklist of the Minnesota Caddisflies (Trichoptera) with Geographic Affinities. 127(4): 495-512). This list was compiled by Vaughn Snook, Assistant Fisheries Supervisor, Minnesota Department of Natural Resources, Lanesboro, Minnesota. Comments and questions can be sent to vaughn.snook@state.mn.us.

<sup>&</sup>lt;sup>1</sup> Stenonema vicarium has been changed to Maccaffertium vicarium

<sup>&</sup>lt;sup>2</sup> Stenonema ithaca has been changed to Maccaffertium ithaca

<sup>&</sup>lt;sup>3</sup> Pseudocloeon anoka has been changed to Plauditus punctiventris

<sup>&</sup>lt;sup>4</sup> Potomanthus distinctus has been changed to Anthopotamus distinctus

<sup>&</sup>lt;sup>5</sup> Serratella deficiens has been changed to Teloganopsis deficiens