

Identification Key #2

No Legs

Microscopic
Go to Microscopic ID Sheet

Wormlike

With Tentacles, Brushes, or Tails

suckers, expands and contracts



ventral dorsal

Leech

reddish brown



Tubiflex Worm

glides along bottom



Flatworm or Planaria

tan to brown, long



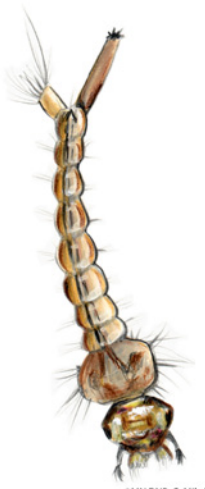
Horsehair Worm

small, hairlike, swims in S shape



Nematode or Threadworm

breathing tube
at rear



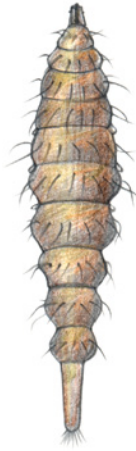
Mosquito Larva

large head, wriggles



Mosquito Pupa
(Actual Size:
18mm |————|)

on surface, stiff, with
tail disk



Soldier Fly Larva

long breathing tube



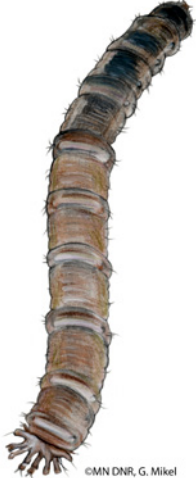
Rat-tailed Maggot
Larva
(Actual Size:
16mm |————|)

smooth, stiff, small
head



Horsefly Larva

white or grey, with
tentacles



Cranefly Larva

red, green, or tan;
twists



Midge Larva
(Actual Size:
20mm |————|)

big “head,” active



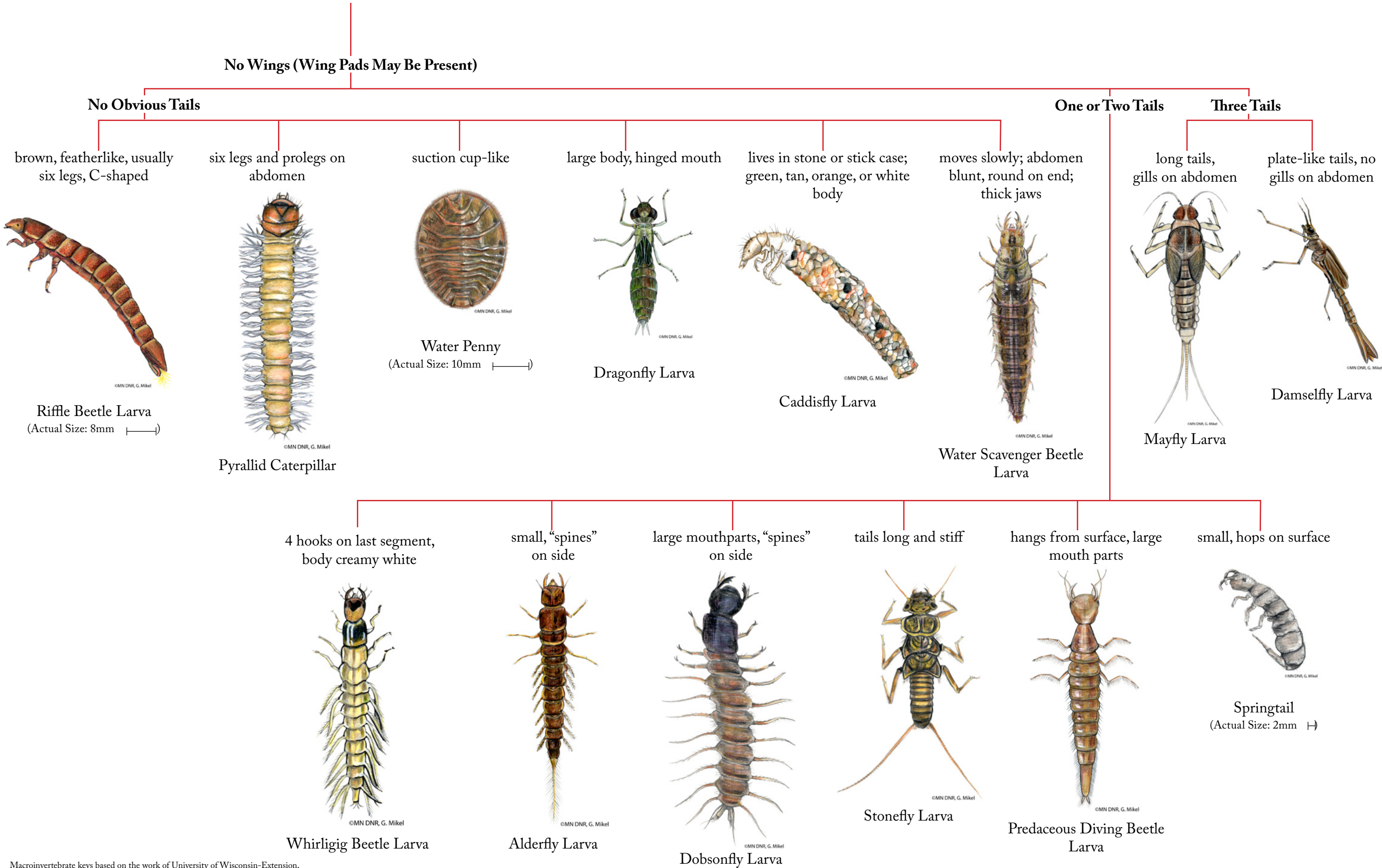
Midge Pupa
(Actual Size:
20mm |————|)

small, black, attaches
to rocks



Blackfly Larva
(Actual Size:
8mm |————|)

Identification Key #3



Identification Key #4

Wings

Leathery Wings

Paper-like Wings

Hard Shell Wings

tan, lives on surface



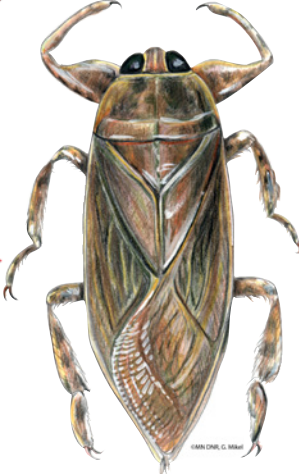
Marsh Treader

dark, lives on surface



Water Strider

grasping front legs, up to three inches



Giant Water Bug

swims on back, back white



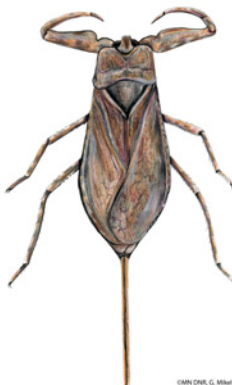
Backswimmer

swims right-side up, black back



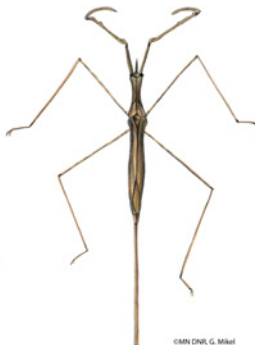
Water Boatman

long breathing tube, grasping front legs



Water Scorpion (*Nepa*)

long, stick-like



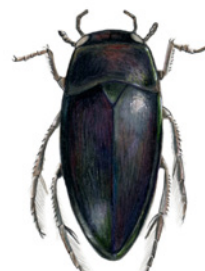
Water Scorpion (*Ranatra*)

small, crawls on bottom



Riffle Beetle
(Actual Size: 8mm |—|)

swims moving hind legs alternating



Water Scavenger Beetle

back legs move at same time



Predaceous Diving Beetle

swims on surface



Whirligig Beetle

“crawls” through water, spotted



dorsal



ventral

Crawling Water Beetle

(Actual Size: 6mm |—|)

elongate wing extends past abdomen



Alderfly Adult

mothlike; wings tent body



Caddisfly Adult

looks like giant mosquito



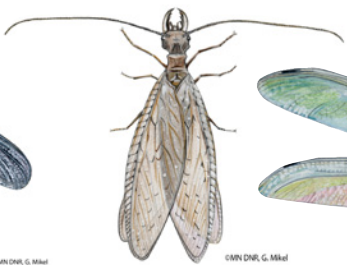
Cranefly Adult

wings extend above body



Damselfly Adult

elongate wing extends past abdomen



Dobsonfly Adult Female

abdomen long and stout



Dragonfly Adult

three long, thin tails



Mayfly Adult

large feathery antennae



Midge Adult
(Actual Size: 14mm |—|)

two thin tails



Stonefly Adult