

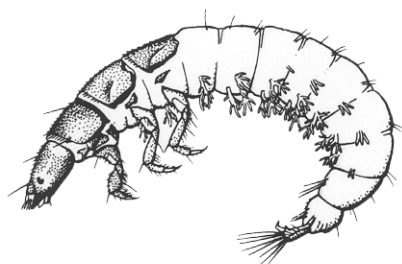
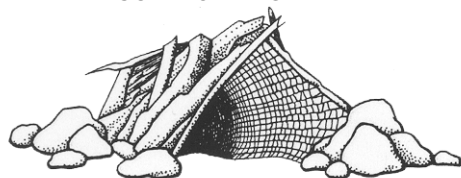
KEY 3

FIRST LEVEL OF RESOLUTION

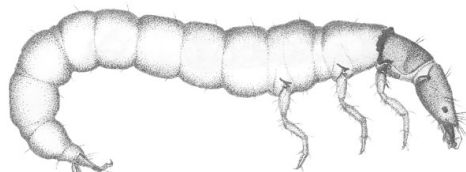
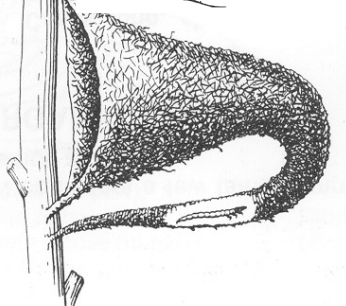
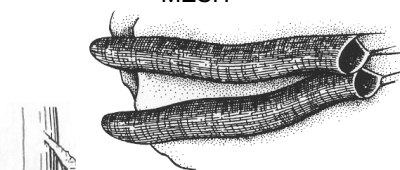
LARVAE WITH FIXED RETREAT AND CAPTURE NET
Note: Care must be taken when collecting to observe nets.

Caddisflies (Order Trichoptera)

COURSE NET IN
"SCAFFOLDING"

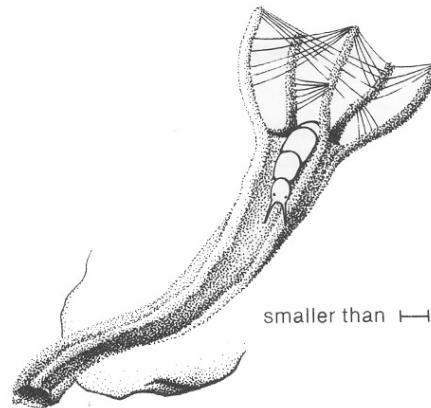


FLATTENED SOCK-LIKE OR
TRUMPET-SHAPED NET OF FINE
MESH



True Flies (Order Diptera)

TUBE WITH SILK STRANDS STRUNG
BETWEEN TERMINAL PRONGS



smaller than —

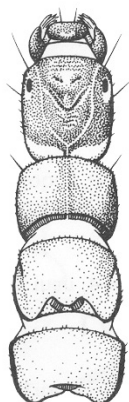
True Midges (Family Chironomidae)

Families Hydropsychidae, Philopotamidae, Polycentropodidae

FILTERING COLLECTORS

SECOND LEVEL OF RESOLUTION separates from free living larvae those net spinning caddisflies that may have been inadvertently collected without being associated with their nets.

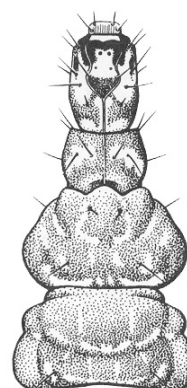
NET SPINNING CADDISFLIES
 Frequently separated from their nets



HEAD AS WIDE AS THORAX
 Especially Philopotamidae (bright
yellow) and Hydropsychidae (bright
green or brown)

FILTERING COLLECTORS

FREE LIVING CADDISFLIES
 Non net spinning



HEAD LONG, SMALL,
AND NARROWER THAN
THORAX
 Rhyacophilidae (often
bright green)

PREDATORS