Banks Peninsula Freshwater invertebrate

up to 18 mm long

AQUATIC SCIENCE & VISUAL COMMUNICATION



DEVELOPED BY:

FUNDED BY:

yes

horsehair/

freshwater

worm

gordian worm

looks like thin piece of copper wire

flatworm Q 2-10 m

topside is brown/white/grev while underside is white/grey body is flat, soft & smooth

leech Q 2-30 mm long

local species body white in colou rounded, ribbed body

If what you're looking at isn't here, check out

the 'can't tell' section in case it's hiding in there!

forms round blob when dead

adult worms free-living, but spend early part of life cycle inside other invertebrates as parasites





3?

no

Hmmm, you might be

who has sadly lost a

you've discovered a

whole new species!

leg or two...or...maybe

looking at an invertebrate

ves

ves

amphipod

looks like tiny shrimp
looks like more than 5 pairs of legs,

but others are just appendages

looks like more than 5 pairs of legs,

but others are just appendages

live in burrows in muddy banks

freshwater crayfish/kōura

(various)

shrimp



Does it

look like a

BEETLE?

no

Is the

body in a

CASE?

no

ves

adult beetle

wings hidden under hard back shell

(various)

water bug

WATERBOATMAN

back 2 pairs of legs

water

spider



canʻ

while head is brow

while head is brown/yellow body is smooth & often shiny

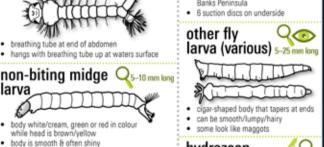
. front & back appendages range from short to longe

BACKSWIMMER

long back legs swimming paddles

· swims belly-up

beetle larva



can only be ID'd

with microscope

micro-crustatean

· look like tiny

(various)

· all tiny in size

semi-transparent

CLADOCERA



OSTRACODA

COPEPODA





Does it

look like a

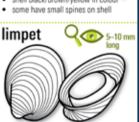
WORM?

no



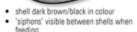


shell black/brown/yellow in color
some have small spines on shell



 shell on top of soft body found attached to stones & plants







microscope 1 or more species in U group found ONLY

on Banks Peninsula

only found in very

healthy habitat

identified with a

can be identified with the naked eye

a magnifying glass

will be helpful to

see details

can only be



(various) means many species in this category with a

body types

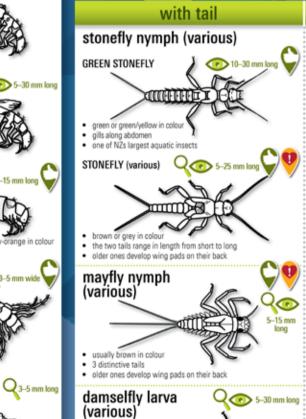
broad range of

juvenile stage of life cycle looks completely different from larva adult, & has pupal stage before metamorphosis into an adult nymph juvenile stage of life cycle more closely resembles adult, doesn't have pupal stage - gradually grows into its adult stage

abdomen main part of the body



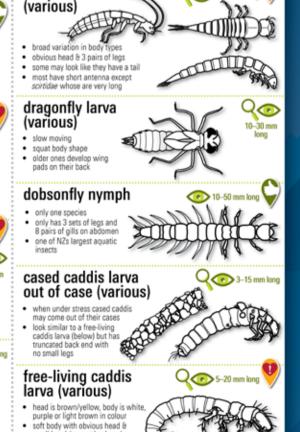




ow-flowing water/p

· older ones develop wing pads on their back

long thin abdomen



no tail

small legs/claws at back end · some have gills along their body

PURSE CASE (various)

case shapes vary

· case made of material secreted from body

found in poorer quality habitats