

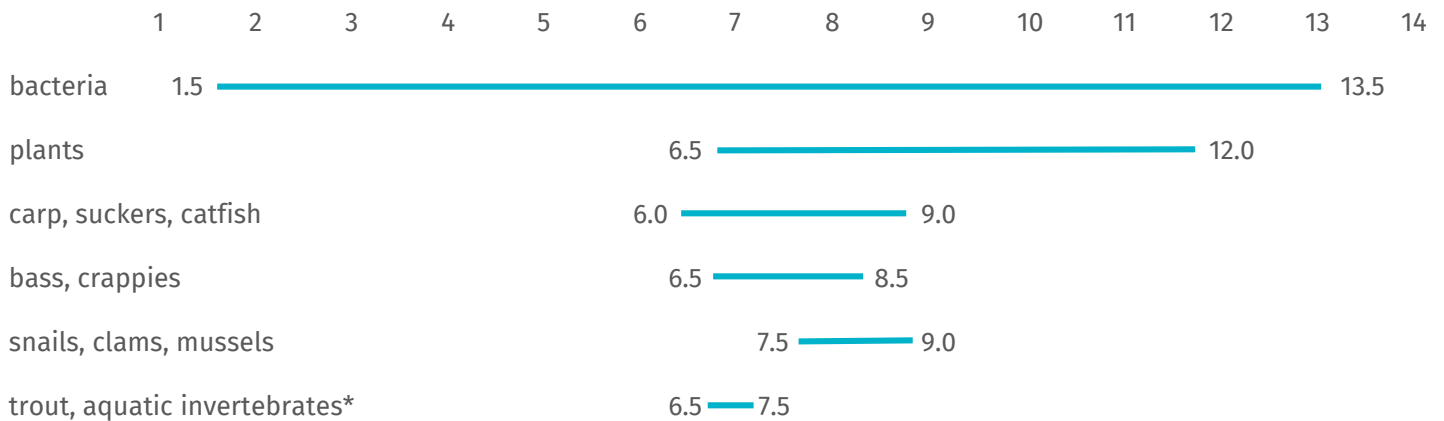


WOW: Watersheds

STREAM WATER QUALITY ASSESSMENT GUIDE

There are links to two macroinvertebrate field guides, one from West Virginia and one from the Pacific Northwest. From coast to coast there are many shared common macroinvertebrates. Both guides will serve students well, no matter their location, for general macroinvertebrate studies.

pH RANGES THAT SUPPORT AQUATIC LIFE



*mostly mayfly, stonefly and caddisfly nymphs

3 CATEGORIES OF STREAM MACROINVERTEBRATES

(Note: Some species of the families listed below have species in a lower group.)

Group 1 – Pollution Sensitive

Require high DO (dissolved oxygen), neutral pH, cold water
Example: mayflies, stoneflies and caddisflies

Group 2 – Somewhat Pollution Tolerant

Examples: scuds, dragonflies and damselflies

Group 3 – Pollution Tolerant

Can tolerate low DO, lower/higher pH, warmer waters
Examples: aquatic worms and midge larva