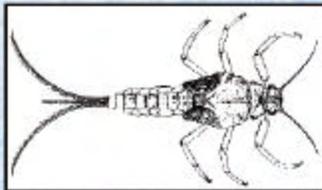


# Water Quality Indicator Groups

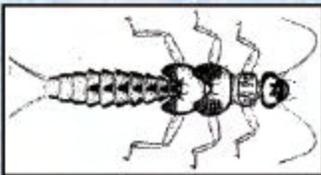
## Pollution Intolerant



Caddisfly larvae



Mayfly larvae

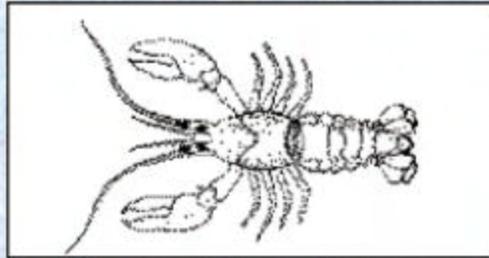


Stonefly larvae

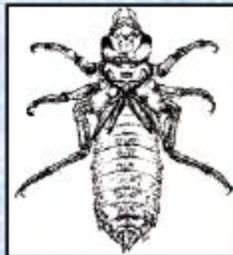


Gill snails

## In between Group



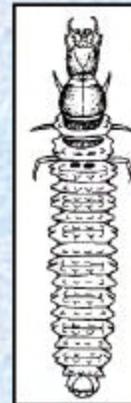
Crayfish



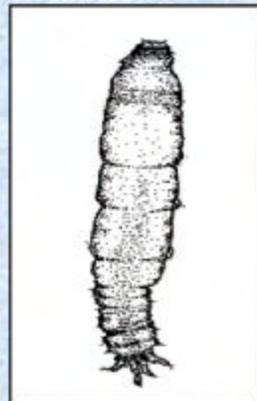
Dragonfly larvae



Damselfly larvae



Beetle larvae



Crane fly larvae

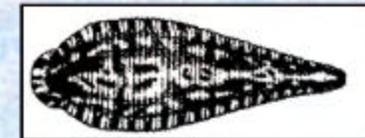
## Pollution Tolerant



Midge larvae



Blackfly larvae

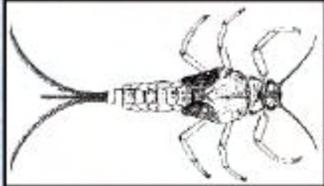


Leeches



Lung snails

# A Simple Metric for Stream Assessment

<p><b>Pollution Intolerant Group 1</b></p>  <p><b>3 Points per type</b></p>	<p><b>In between Group Group 2</b></p>  <p><b>2 Points per type</b></p>	<p><b>Pollution Tolerant Group 3</b></p>  <p><b>1 Point per type</b></p>
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## Assessment

## Cumulative Index Value

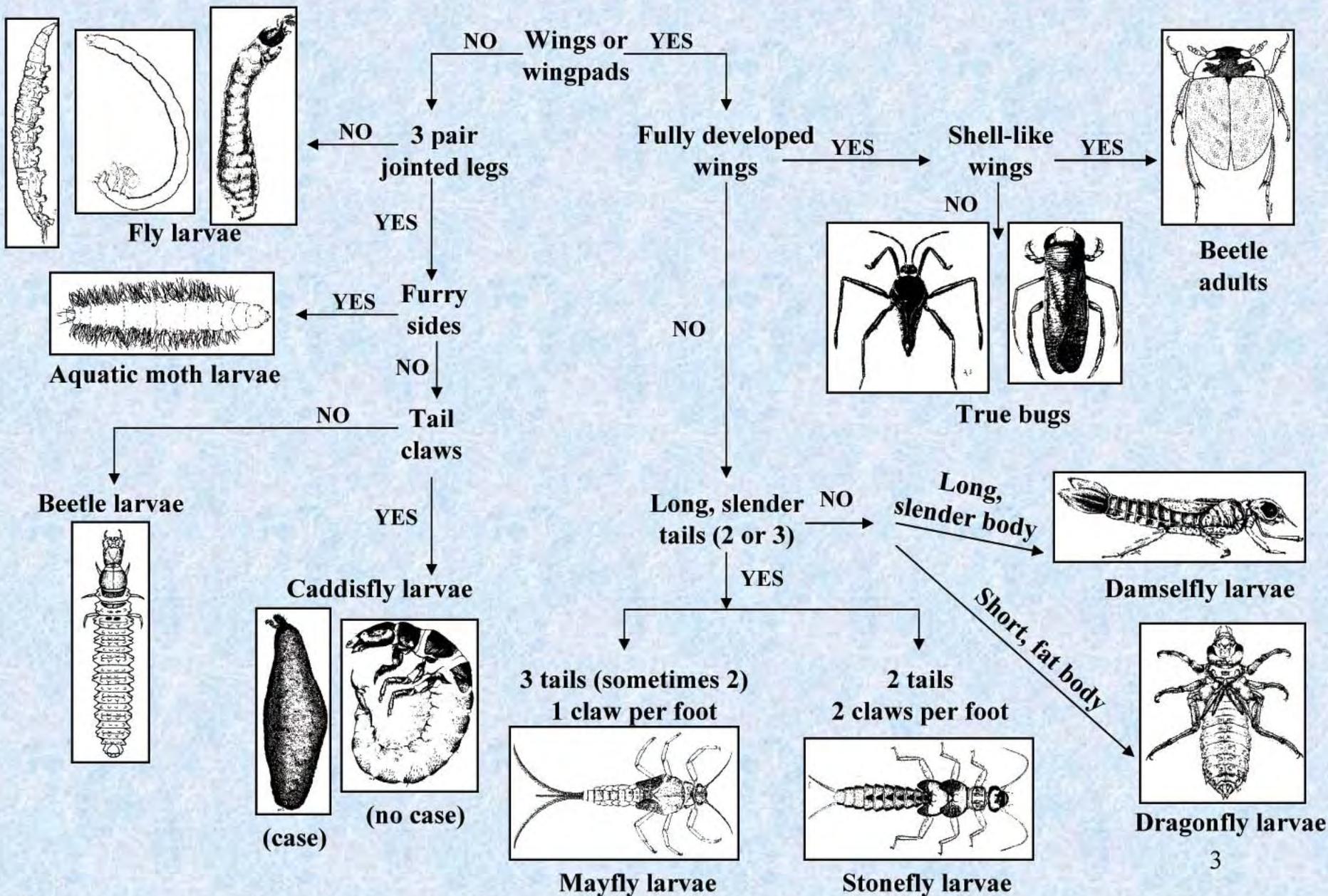
**Excellent**-----**23 and above**

**Good**-----**17 - 22**

**Fair**-----**11 - 16**

**Poor**-----**10 or less**

# AQUATIC INSECT KEY



## Resources

McDonald, B.S., Mullins, G.W. and Lewis, S. 1991. Macroinvertebrates as Indicators of Stream Health. The American Biology Teacher, Volume 53, No. 8.

An Illustrated Guide to the Mountain Stream Insects of Colorado  
Ward, Kondratieff  
University Press of Colorado, 1992

An Illustration to the Aquatic Insects of North America (Second Edition)  
Merrit, Cummins  
Kendall/Hunt Publishing Company, 1984

Ecology and Classification of North American Freshwater Invertebrates  
Thorp, Covich  
Academic Press, Inc., 1991