

CANNON CREEK

Date 4/26/2002

Site Description Glass Mountain Road

Reach Length (ft) 378

ID CAN2002

Elevation (ft) 280

Chemical Characteristics

Water Temp (C/F) 13.7 57

Specific Conductivity 160

pH 5

Dissolved Oxygen (mg/L) 5.6

Physical Characteristics

(Average values for 3 riffles)

Riffle Length (ft) 15

Riffle Width (ft) 1.6

Riffle Depth (ft) 0.2

Riffle Velocity (ft/sec) 0.8

Gradient (%) 2.9

Riffle Substrate (%)

Fines 32

Gravel 42

Cobble 10

Boulder 17

Bedrock 0

Consolidation Loose

Habitat Characteristics

Canopy Cover (%) 80

Scale 0-20

Substrate 7 Marginal

Embeddedness 9 Marginal

Substrate Complexity 7 Marginal

Velocity/Depth Regime 6 Marginal

Sediment Deposition 12 Suboptimal

Water Flow 13 Suboptimal

Channel Alteration 4 Poor

Riffle Frequency 2 Poor

Scale 0-10

Bank Stability (Left) 6 Suboptimal

Bank Stability (Right) 6 Suboptimal

Vegetation (Right) 4 Marginal

Riparian (Right) 1 Poor

Vegetation (Left) 4 Marginal

Riparian (Left) 2 Poor

Total Habitat Score 76 Marginal

0-50 = Poor

51-100 = Marginal

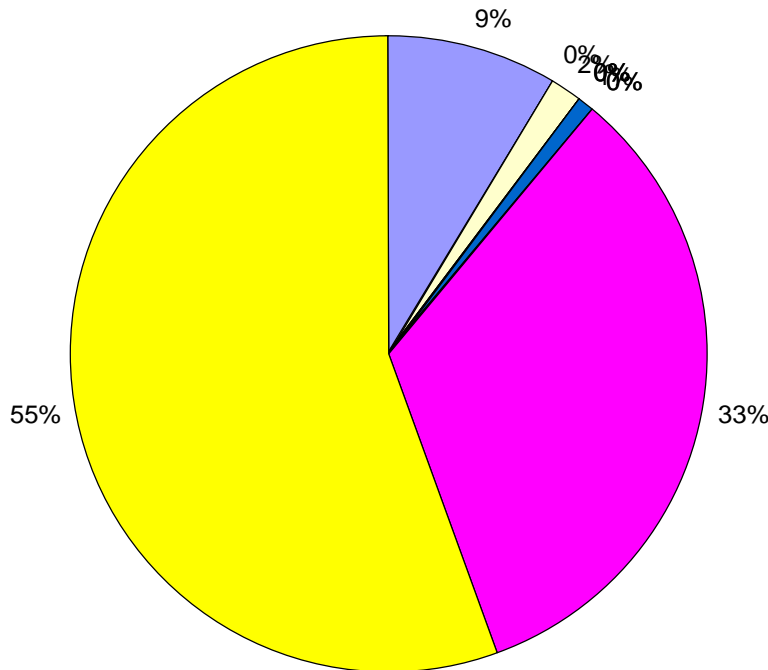
101-150 = Suboptimal

151-200 = Optimal

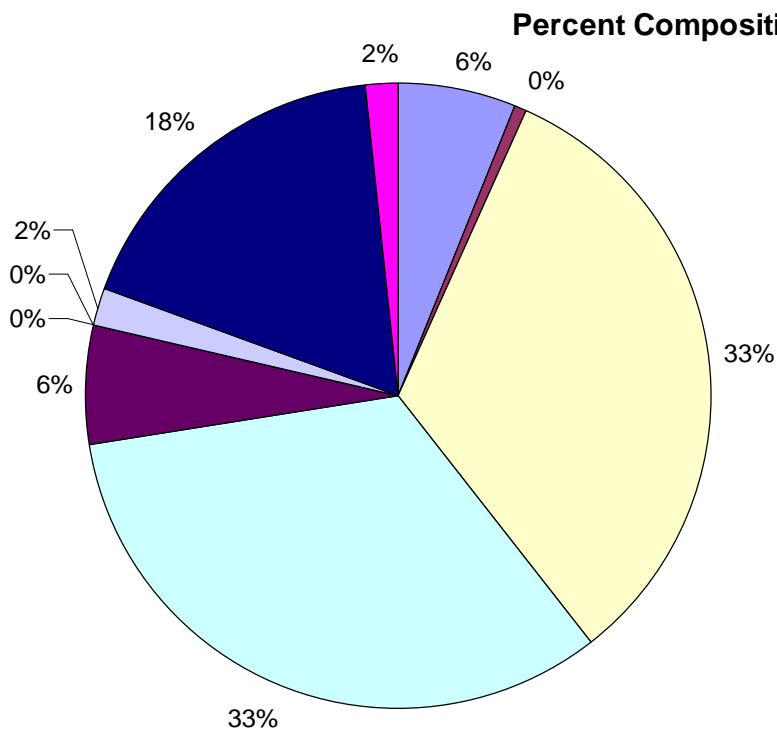
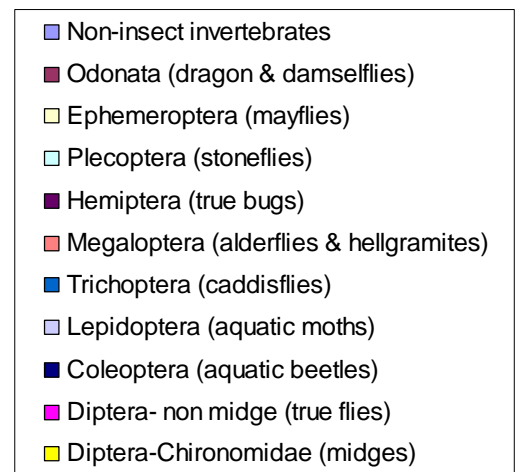
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Benthic Macroinvertebrate Characteristics

Abundance	15,901	Percent Dominant Taxa	31.86	Index of Biological Integrity (IBI) 7 5-11 = Poor 12-18 = Fair 19-25 = Good
Number of Taxa	40	Number of Tolerant Taxa	3	
Number of Taxa (CA)	40	Percent Tolerant Taxa	1.73	
Number of EPT	5	Number of Intolerant Taxa	3	
Hilsenhoff	5.93	Percent Intolerant Taxa	1.38	



Percent Composition by Taxa



Percent Composition by Functional Feeding Group

