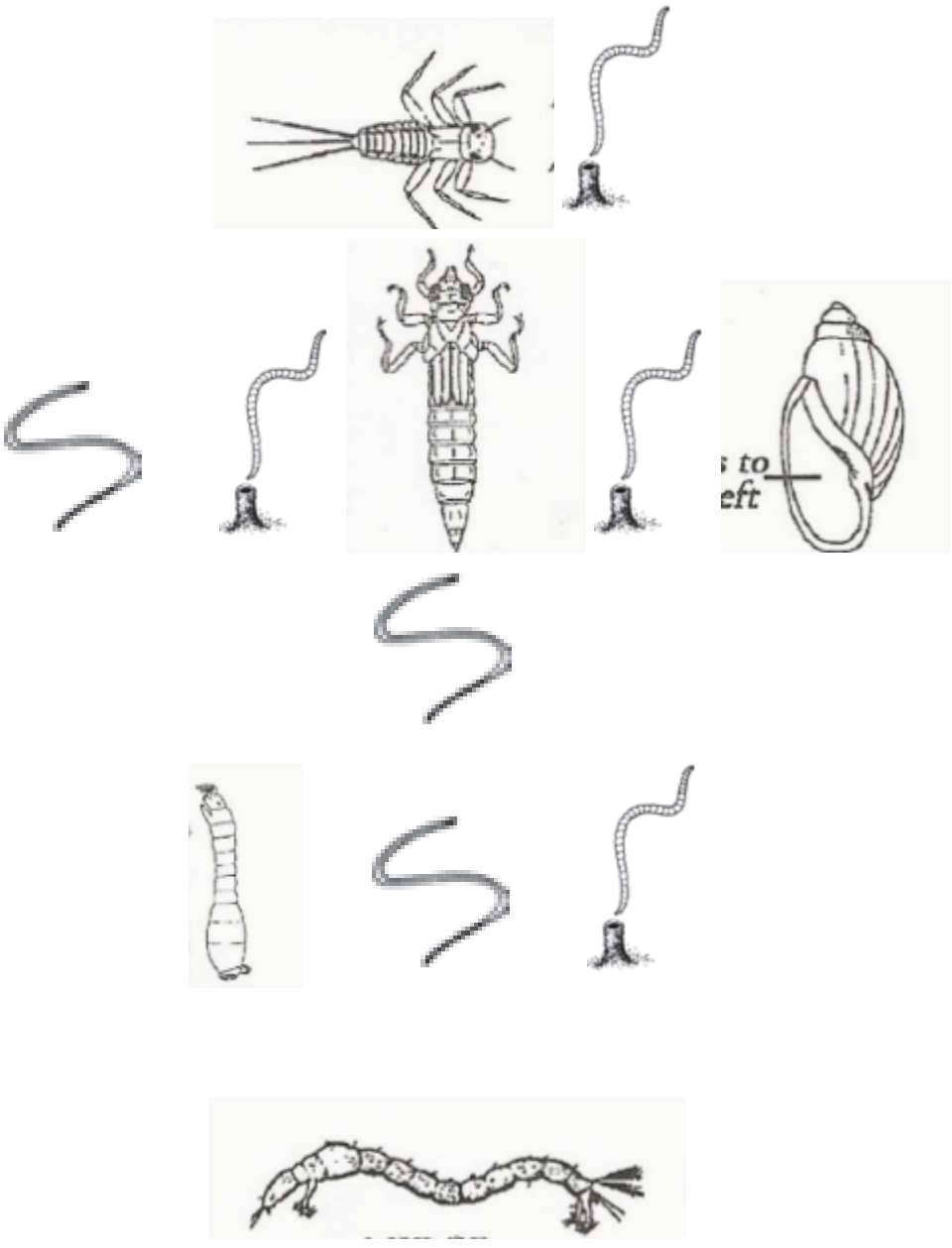
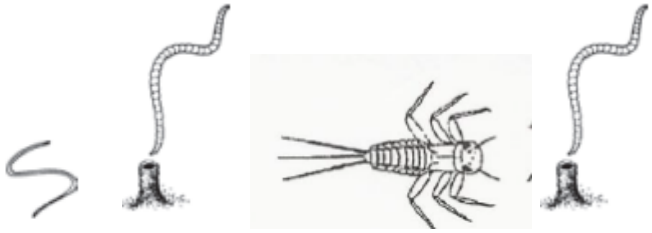
Macroinvertebrate Samples

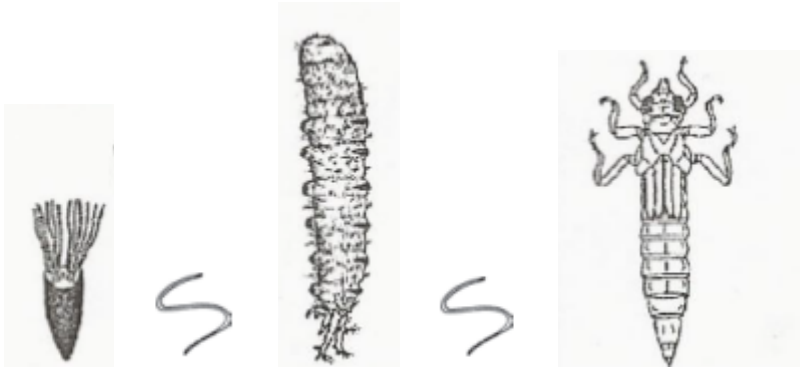
These samples were taken from Luxapalila Creek, Mississippi and Alabama (crosses the border) by the US Army Corp of Engineers in November 2000.

Site 1

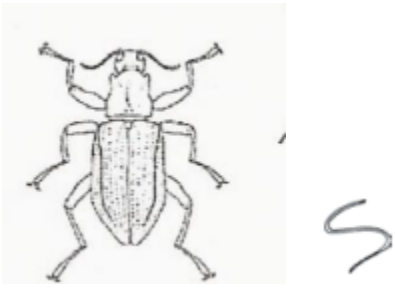


Site 2









Site 3

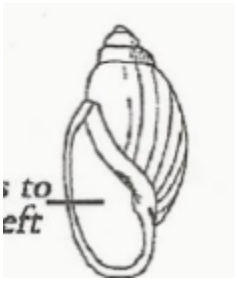














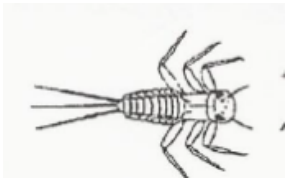






Table 2
Summary of Mean (Standard Error) Habitat Parameters of Pools Among All Channel Types and Sampling Periods

Habitat Parameter	RC 1	HC 2	UC 3
Fall			
pH	6.77 (0.20)	6.84 (0.20)	6.74 (0.17)
Temperature, °C	15.60 (1.22)	12.40 (1.15)	14.20 (1.16)
Dissolved oxygen, mg/L	9.98 (0.18)	10.41 (0.24)	9.66 (0.26)
Turbidity, NTU	8.44 (2.95)	8.04 (2.95)	11.46 (4.19)
Depth, m	0.64 (0.06)	0.72 (0.08)	0.71 (0.06)
Velocity, m/sec	0.37 (0.13)	0.08 (0.05)	0.00 (0.00)
Percent clay	25.00 (15.96)	0.00 (0.00)	0.00 (0.00)
Percent sand	0.00 (0.00)	83.33 (9.62)	25.00 (15.96)
Percent gravel	66.67 (13.61)	16.67 (9.62)	75.00 (15.96)
Percent woody debris	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Percent riprap	8.33 (8.33)	0.00 (0.00)	0.00 (0.00)
Percent canopy cover	0.00 (0.00)	75.00 (14.43)	25.00 (14.43)

https://apps.dtic.mil/sti/tr/pdf/ADA399416.pdf

Answer Key:

Water Body: Mississippi specifically Luxapalila Creek
State: Mississippi/Alabama
County: Unknown
Date: November 2020
Collectors: US Army Engineers
Weather Conditions: Unknown
Water Temp: 15/12/14 Celsius Flow Rate: Normal/Normal/Low

Group 1	Qty Site 1/2/3	Group 2	Qty Site 1/2/3	Group 3	Qty Site 1/2/3
Riffle	0/1/1	Sowbug	0/0/1	Snail	1/0/1
Mayfly	1/1/1	Scud	0/0/1	Midge	1/1/1
		Blackfly	1/1/1	Aquatic worm	7/8/8
		Crandfly	0/1/0		
		Dragonfly	1/1/1		
No of Taxa	1/2/2	No of Taxa	2/3/4	No of Taxa	9/9/10
Index Value	3/6/6	Index Value	4/6/8	Index Value	9/9/10

Water Quality Indices:

Total No. Tax: 12/14/16
Cumulative Index Value: 16(Fair)/21(good)/24(Excellent)