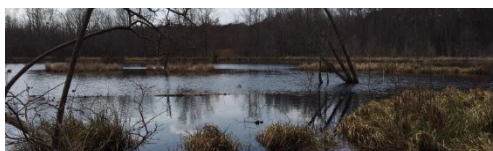


"Aquatic Entomology"

ENTM 667: Spring, 2024 (12/7/2023, subject to change)

	Week (Wed- Tues)	Online, prerecorded, available at beginning of week	In person at end of week (PLS 1161, 11:00-1:50)	Assignments^a
1	Jan 31- Feb 6	a.Objectives and Procedures; b.Orders of aquatic insects	-Demonstration of insect orders -Dissection of <i>Pteronarcys</i> and <i>Acroneuria</i> -Demonstration of adaptations	
2	Feb 7-13	a.Evolution of aquatic insects b.Physiological constraints and adaptations	-In lab collections from streams	
3	Feb 14-20	Ephemeroptera	-Identification of mayflies	
4	Feb 21-27	Odonata	-Identification of dragonflies and damselflies	Article review 1
5	Feb 28- Mar 5	a.Plecoptera b.Functional feeding groups and trophic relationships	-Demonstration of mouthparts -Identification of stoneflies	
6	Mar 6-12	Hemiptera	-Field: Middle Patuxent River	Article review 2
7	Mar 13-26	Minor orders: Collembola, Orthoptera, Megaloptera, Neuroptera, Lepidoptera, Hymenoptera	-Identification of true bugs and minor orders	
	Mar 18-22	SPRING BREAK!		
8	Mar 27- Apr 2	Trichoptera	-Fishing Creek and Little Fishing Creek (6 hours)	Article review 3
9	Apr 3-9	Coleoptera	-Identification of caddisflies and beetles	
10	Apr 10-16	Diptera: Nematocera	-Field: Jackson Lane, Caroline County (6 hours)	Article review 4
11	Apr 17-23	Diptera: Brachycera	-Identification of true flies	
12	Apr 24-30		-Identifications	
13	May 1-7		-Weekend Field Trip to Garrett County, Saturday-Sunday, May 4- 5) -May 7 is final day for class	Collections and notebook are due by May 10.



^a Assignments are due at the end of the ENTM667 week.