

Table 1 Families of common aquatic and semiaquatic habitats of Diptera

1. Streams and rivers		2. Freshwater ponds, lakes, pools, marshes, and bogs	
In moderate to swift current	In pools, slow waters, or still shallow margins	Marginal areas of shallow bodies of water	Deep, open waters or bottoms of lakes
Some Tipulidae	Some Tipulidae	Few Tipulidae	Few Chaoboridae
Some Psychodidae	Tanyderidae	Several Psychodidae	Rarely Culicidae
Nymphomyiidae	Some Psychodidae	Ptychopteridae	Rarely Ceratopoginidae
Blephariceridae	Rarely Deuterophlebiidae	Some Dixidae	Several Chironomidae
Deuterophlebiidae	Some Dixidae	Several Chaoboridae	Rarely Ephydriidae
Thaumaleidae	Some Culicidae	Many Culicidae	
Some Ceratopogonidae	Some Ceratopogonidae	Some Ceratopoginidae	
Many Chironomidae	Many Chironomidae	Some Chironomidae	
Simuliidae	Some Stratiomyidae	Some Stratiomyidae	
Some Tabanidae	Several Tabanidae	Some Tabanidae	
Athericidae	Some Empididae	Few Empididae	
Many Empididae	Some Dolichopodidae	Some Dolichopodidae	
Few Dolichopodidae	Rarely Syrphidae	Rarely Phoridae	
Rarely Ephydriidae	Some Sciomyzidae	Syrphidae	
Few Muscidae-Anthomyiidae	Several Ephydriidae	Several Sciomyzidae	
Oreoleptidae	Few Muscidae-Anthomyiidae	Many Ephydriidae	
3. Within underwater parts of emergent vegetation		4. On or within freshwater invertebrates	
Few Tipulidae		Few Chironomidae	
Few Chironomidae		Few Simuliidae	
Rarely Cecidomyiidae		Few Bombyliidae	
Few Dolichopodidae		Many Sciomyzidae	
Several Ephydriidae		Few Tachinidae	
Some Scatophagidae			

Table 1 (Continued)

5. Wet marginal areas along bodies of freshwater or on saturated surfaces		6. Wet marine beaches or intertidal waters	
Many Tipulidae	Some Dolichopodidae	Few Culicidae	Few Sphaeroceridae
Rarely Tanyderidae	Rarely Phoridae	Some Ceratopogonidae	Tethinidae
Some Psychodidae	Rarely Sphaeroceridae	Some Chironomidae	Canaceidae
Rarely Ptychopteridae	Rarely Tethinidae	Few Dolichopodidae	Several Ephydriidae
Some Ceratopogonidae	Rarely Milichiidae	Some Dryomyzidae	Few Muscidae-Anthomyiidae
Few Chironomidae	Many Sciomyzidae	Coelopidae	
Many Stratiomyidae	Many Ephydriidae		
Many Tabanidae	Some Muscidae-Anthomyiidae		
Some Empididae			
7. Salt marshes or estuaries		8. Inland salt water or brackish pools, ponds, or lakes	
Few Tipulidae	Some Tabanidae	Rarely Tipulidae	Few Chironomidae
Few Psychodidae	Few Dolichopodidae	Few Psychodidae	Few Tabanidae
Some Culicidae	Some Sciomyzidae	Rarely Chaoboridae	Few Dolichopodidae
Few Ceratopogonidae	Several Ephydriidae	Few Culicidae	Few Sciomyzidae
Few Chironomidae		Few Ceratopogonidae	Many Ephydriidae
9. In tree holes or plant cups holding water			
Some Culicidae	Few Dolichopodidae		
Few Ceratopogonidae	Few Phoridae		
Few Chironomidae	Several Syrphidae		
Few Tabanidae	Few Sarcophagidae		
Some Psychodidae			

Source: McCafferty (1998)