

Ecography

MS E4105

Shimazaki, A. and Miyashita, T. 2005. Variable dependence on detrital and grazing food webs by generalist predators: aerial insects and web spiders. – *Ecography* 28: 485–494.

Appendix 1. The classification of insects and their assignment to food webs. D: detritus food web, G: grazing food web, B: both food webs, U: unknown.

Order	Superfamily	Family	Subfamily	Genus or Species	Food web	
Orthoptera		Acrididae			G	
		Terigidae			D (forest)	
					G (grass-land)	
		Gryllidae			B	
		Tettigoniidae			G	
Mantodea		Mantidae			G	
Psocoptera					U	
Hemiptera	Fulgoroidea				G	
	Cicadelloidea				G	
	Psylloidea				G	
	Cicadoidea				G	
	Aphidoidea				G	
	Coccoidea				G	
			Pentatomidae			G
			Tingidae			G
			Coreidae			G
			Lygaeidae			G
			Miridae			G
			Plataspidae			G
			Berytidae			G
			Cydnidae			G
			Rhopalidae			G
			Alydidae			G
			Anthocoridae			B
			Reduviidae			B
	Thysanoptera					G
	Neuroptera		Coniopterygidae			G
		Hemerobiidae			G	
		Chrysopidae			G	
Coleoptera		Anthicidae			D	
		Histeridae			D	
		Erotylidae			D	
		Carabidae			B	
		Attelabidae			G	
		Dermestidae			U	
		Cerambycidae			B	
				<i>Pterolophia caudata</i>	B	
				<i>Demonax transilis</i>	B	
				<i>Chlorophorus japonicus</i>	B	
				<i>Anaesthetis confossicollis</i>	B	
			Oedemeridae			D
			Scolytidae			D
			Cryptophaginae			D
			Tetratomidae			D
			Nitidulidae			U
			Scarabaeidae			G
				<i>Popillia japonica</i>	G	
				<i>Nipponovalgus angusticollis</i>	D	
				<i>Onthophagus atripennis</i>	D	

	Syrphidae	<i>Eumerus</i> sp.	G
		<i>Episyrphus balteatus</i>	G
		<i>Allobaccha apicalis</i>	G
		<i>Melanostoma</i> sp.	G
		<i>Paragus</i> sp.	G
		<i>Xylota</i> sp.	D
		<i>Baccha</i> sp.	G
		<i>Sphaeropnoria</i> sp.	G
		<i>Syrphus ribesii</i>	G
		<i>Cheilosia</i> sp.	B
		<i>Meliscaeva omogensis</i>	G
		<i>Megasyrphus annulipes</i>	G
		<i>Betasyrphus</i> sp.	G
		<i>Epistrophe</i> sp.	G
		<i>Rhingia laevigata</i>	D
		<i>Allobaccha</i> sp.	G
		<i>Eupeodes frequens</i>	G
		<i>Chalcosyrphus frontalis</i>	D
	Anthomyiidae		U
	Psilidae		G
	Uliidiidae		D
	Agromyzidae		G
	Sphaeroceridae		D
	Platystomatidae		U
	Fannidae		U
	Scatophagidae		U
	Diastadidae		U
	Otitidae		U
	Ephydriidae		U
	Tephritidae		G
	Asilidae		B
	Tachinidae		U
	Sciomyzidae		U
	Asteiidae		D
	Phoridae		D
Diptera	Milichiidae		D
	Tethinidae		U
	Perisclididae		U
	Cypselosomatidae		U
	Richardiidae		U
	Sciaridae		D
	Mycetophilidae		D
	Psychodidae		D
	Chironomidae		D
	Tipulidae		D
	Aulacigastridae		G
	Cecidomyiidae	Cecidomyiinae	G
		Lestremiinae	D
		Porricondyliinae	D
Lepidoptera		<i>Ypthima motschulskyi nipponica</i>	G
		<i>Amata fortunei</i>	G
		<i>Everes argiades hellotia</i>	G
		<i>Mycalesis gotama fulginia</i>	G
		<i>Minois dryas bipunctatus</i>	G
		<i>Ypthima argus</i>	G
		<i>Zizeeria maha argia</i>	G
		<i>Lampides boeticus</i>	G
		<i>Lycaena phlaeas daimio</i>	G
Hymenoptera	Tenthredinoidea		G
	Siricoidea		D
	Ichneumonoidea		U
	Bethyloidea		U
	Formicoidea		D
		<i>Pyramica</i> sp.	D
		<i>Aphaenogaster famelica</i>	D
		<i>Pristomyrmex pungens</i>	G
		<i>Paratrechina flavipes</i>	B
		<i>Lasius japonicus</i>	G
		<i>Pheidole fervida</i>	B
		<i>Camponotus itoi</i>	G

