

Ecological structure of plant, insect and bird biodiversity and approaches to increasing the rationality of organic farming management (the case of Ukraine)

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Appendix 1. Structure of insect dominance in crops of organic farming.

Family	Winter wheat		Buckwheat		Soybean		Functional specialization*
	number of individuals	domination	number of individuals	domination	number of individuals	domination	
Thysanoptera							
Thripidae			10	SD			R
Hemiptera							
Anthocoridae	3	SD	24	D			F
Cicadellidae					1	R	R
Miridae			7	SD	1	R	R
Rhopalidae			2	SR			R
Scutelleridae	2	SD					R
Coleoptera							
Cantharidae	1	R					F
Chrysomelidae	1	R			1	R	R
Coccinellidae	3	SD	12	SD	2	SD	F
Curculionidae	2	SD			2	SD	R
Elateridae			1	SR			R
Latridiidae	6	D					T
Nitidulidae			1	SR			R
Scarabaeidae	14	EU			1	R	R
Neuroptera							
Chrysopidae	2	SD	20	D			F
Lepidoptera							
Nymphalidae					1	R	R
Plutellidae			9	SD			R
Diptera							
Agromyzidae	9	EU	9	SD	19	EU	R
Anthomyiidae			16	D	8	EU	R
Cecidomyiidae	5	D			4	D	R
Chloropidae			44	EU	1	R	R
Syrphidae	3	SD	15	D	2	SD	F
Tachinidae			1	SR			S
Tephritidae			3	R	1	R	R
Hymenoptera							
Apidae			59	EU			O
Braconidae	2	SD	2	SR	6	EU	S
Chalcididae	9	EU	23	D	8	EU	S
Halictidae			6	SD			O

<i>Megachilidae</i>		1	SR	O
<i>Sphecidae</i>		2	SR	O
<i>Tenthredinidae</i>		9	SD	R
Total	62	276	58	

*Here and Figure 4: F – predators, T – saprophages, R – phytophages, S – parasites, O – pollinators; EU – eudominants; D – dominants; SD – subdominants; R – recedents; SR – subrecedents.