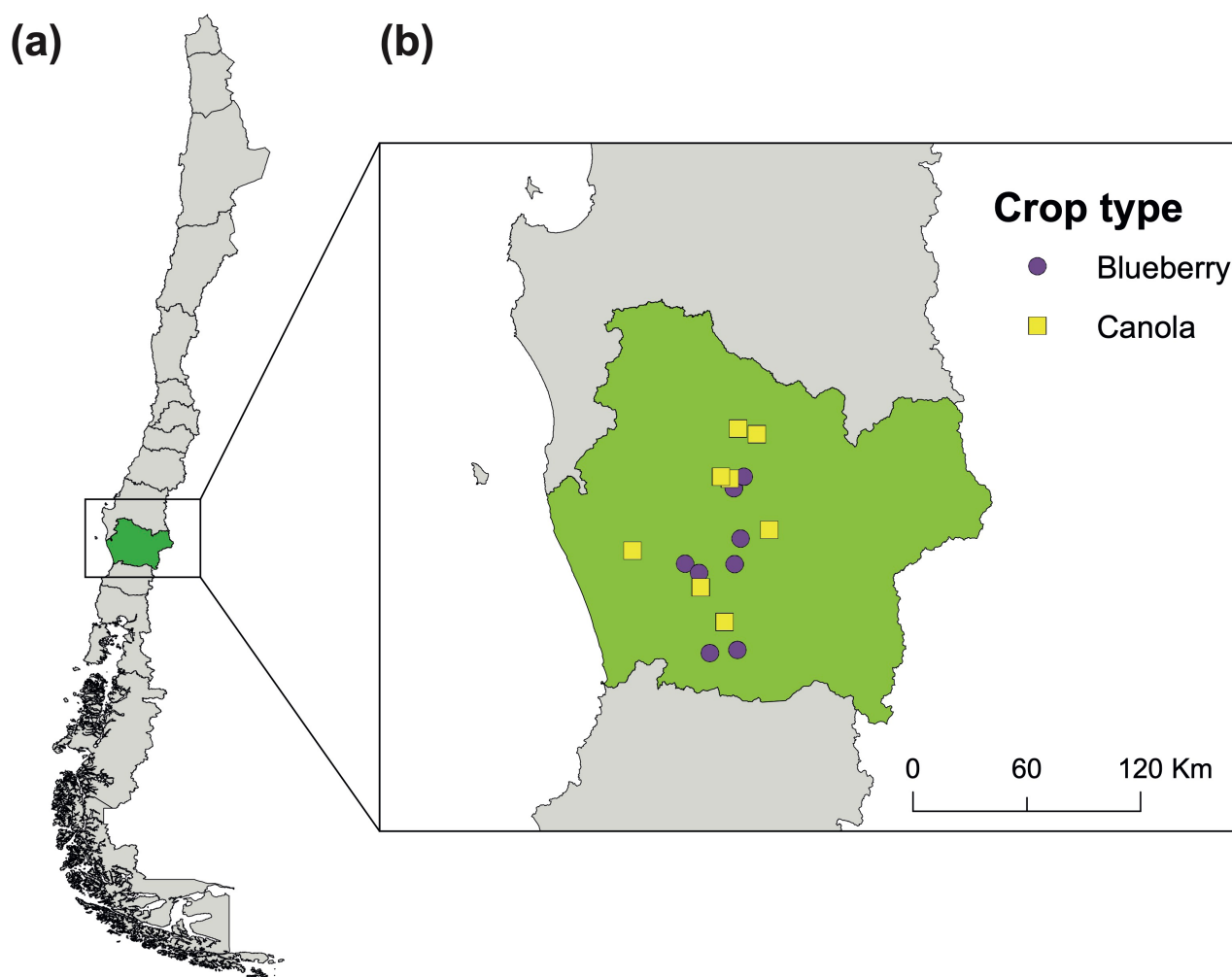


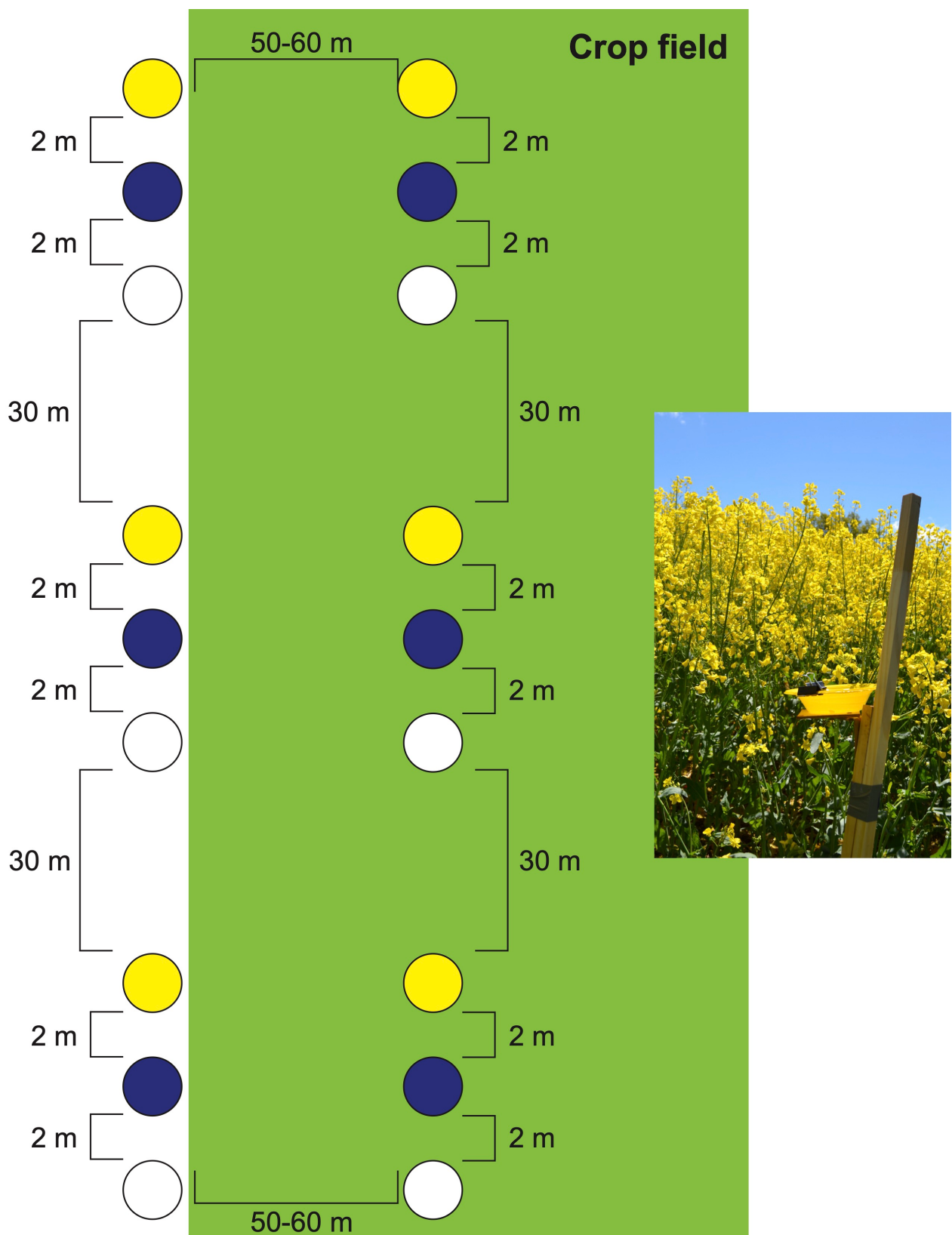
*Supplementary Material*

# Crop-Specific Effects on Pan-Trap Sampling of Potential Pollinators as Influenced by Trap Color and Location

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**Figure S1.** Map of the study area showing (a) the location of the Araucanía region in Chile, and (b) the location of the sampled orchards within the Araucanía region. Purple circles represent blueberry orchards and yellow squares represent canola orchards.



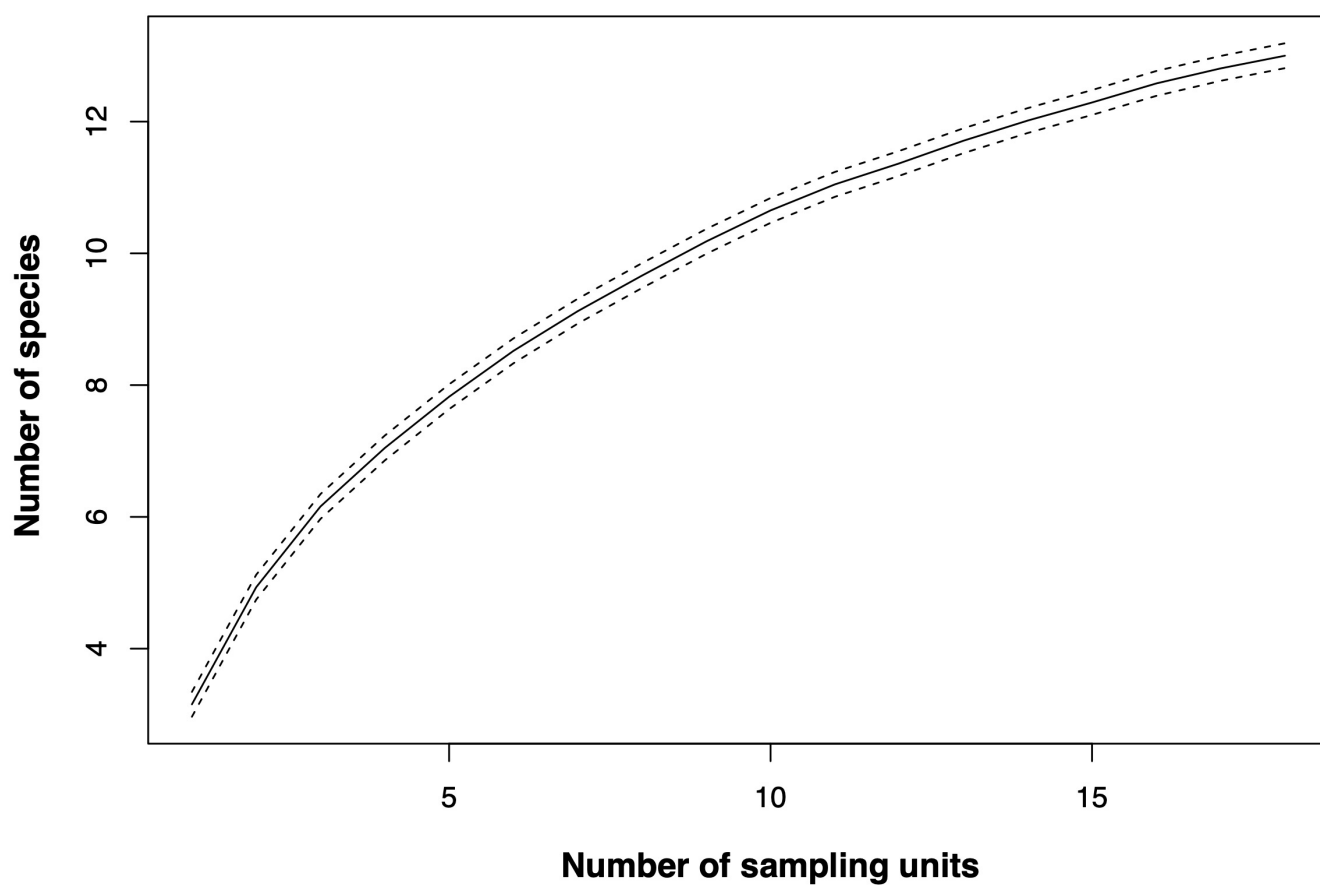
**Figure S2.** A diagram of pan trap arrangement used. At each orchard, we placed 18 pan traps, nine at the crop border and nine at the center of the crop (the green area represents the crop). The picture in the right-side show how plates were secured using a wooden stake.

**Table S1.** Insect species found at each crop according to pan trap position and plate colors. The number of individuals per species and the mean (mean  $\pm$  standard deviation) number of individuals per pan trap are also presented.

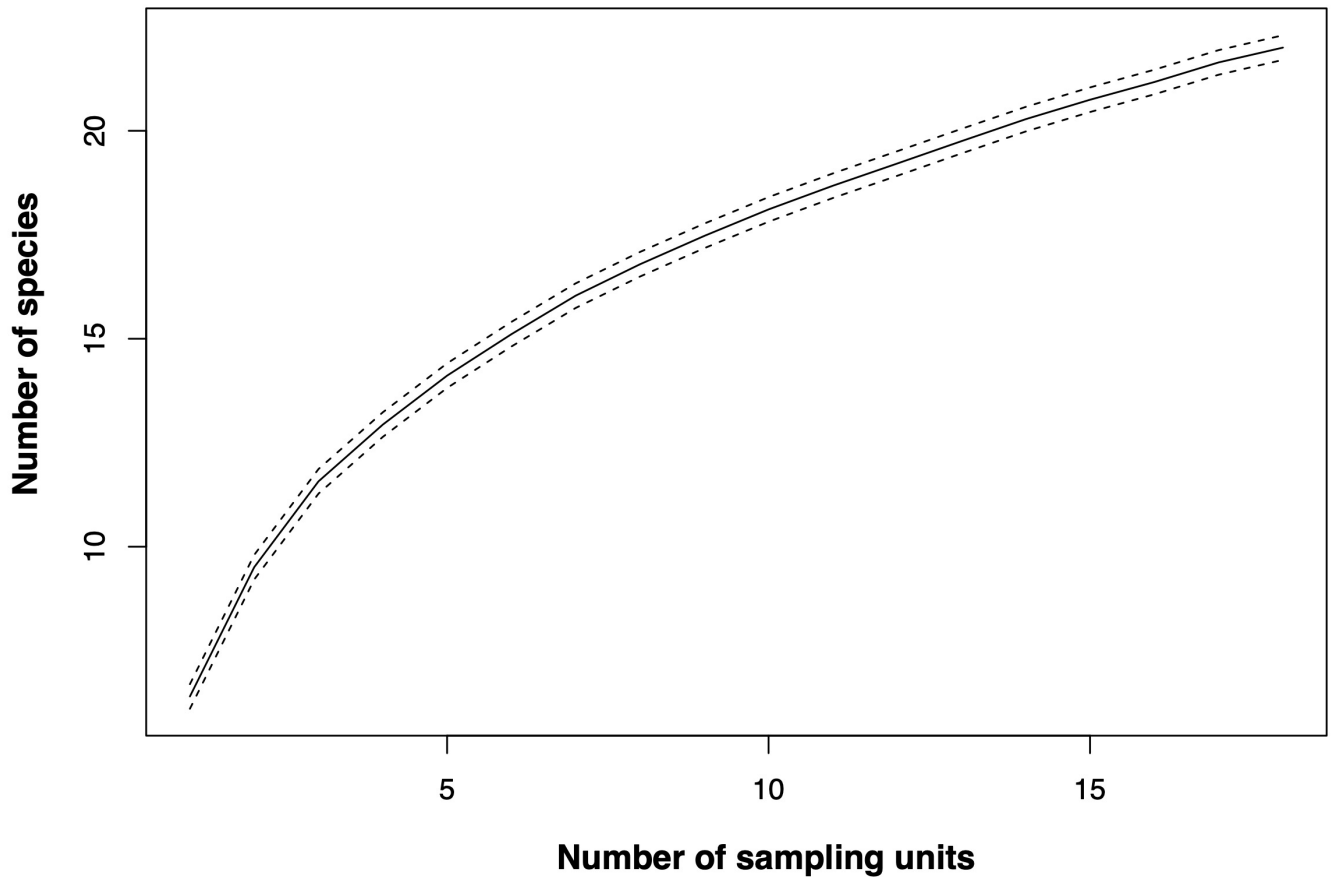
Crop	Position	Color	Order	Family	Species	Indiv	Mean $\pm$ ab
Blueberry	Border	Blue	Coleoptera	Melyridae	<i>Arthrobrachus</i> sp2	1	1.00
			Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	8	2.00 $\pm$ 1.15
			Hymenoptera	Apidae	<i>Apis mellifera</i>	2	2.00 $\pm$ 0.00
			Hymenoptera	Halictidae	<i>Corynura chloris</i>	4	2.00 $\pm$ 1.41
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp1	1	1.00
		White	Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	9	3.00 $\pm$ 3.46
			Diptera	Syrphidae	<i>Platycheirus punctulata</i>	1	1.00
			Hymenoptera	Apidae	<i>Apis mellifera</i>	22	3.67 $\pm$ 3.08
			Hymenoptera	Apidae	<i>Bombus terrestris</i>	1	1.00
			Hymenoptera	Halictidae	<i>Corynura chloris</i>	2	2.00 $\pm$ 0.00
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp1	2	2.00 $\pm$ 0.00
		Yellow	Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	2	2.00 $\pm$ 0.00
			Diptera	Syrphidae	<i>Toxomerus calceolatus</i>	1	1.00
			Diptera	Syrphidae	<i>Toxomerus vertebratus</i>	1	1.00
			Hymenoptera	Apidae	<i>Apis mellifera</i>	2	2.00 $\pm$ 0.00
			Hymenoptera	Halictidae	<i>Corynura chloris</i>	3	1.50 $\pm$ 0.71
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp1	1	1.00
			Lepidoptera	Gelechiidae	Lepidoptera sp1	1	1.00
			Lepidoptera	Gelechiidae	Lepidoptera sp2	1	1.00
	Center	Blue	Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	5	1.67 $\pm$ 0.58
			Hymenoptera	Apidae	<i>Apis mellifera</i>	4	1.33 $\pm$ 0.58
			Hymenoptera	Halictidae	<i>Ruizantheda proxima</i>	1	1.00
		White	Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	4	2.00 $\pm$ 0.00
			Diptera	Syrphidae	<i>Platycheirus punctulata</i>	1	1.00
			Diptera	Syrphidae	<i>Toxomerus vertebratus</i>	1	1.00
			Hymenoptera	Apidae	<i>Apis mellifera</i>	34	5.67 $\pm$ 4.80
			Hymenoptera	Apidae	<i>Bombus terrestris</i>	1	1.00
			Hymenoptera	Halictidae	<i>Corynura chloris</i>	3	1.50 $\pm$ 0.71
			Lepidoptera	Gelechiidae	Lepidoptera sp2	1	1.00
		Yellow	Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	4	2 $\pm$ 0
			Diptera	Syrphidae	<i>Platycheirus punctulata</i>	2	1.00 $\pm$ 0.00

			Diptera	Syrphidae	<i>Toxomerus vertebratus</i>	1	1.00
			Hymenoptera	Apidae	<i>Apis mellifera</i>	3	1.00
			Hymenoptera	Apidae	<i>Manuelia postica</i>	1	1.00
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp1	3	1.00
			Hymenoptera	Halictidae	<i>Ruizantheda proxima</i>	2	2.00±0.00
Canola	Border	Blue	Coleoptera	Chrysomelidae	<i>Chrysomelidae</i> sp1	4	1.33±0.58
			Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	4	1.33±0.58
			Coleoptera	Melyridae	<i>Hylodanacaea atrocaerulea</i>	1	1.00
			Hymenoptera	Apidae	<i>Alloscirtetica tristrigata</i>	69	11.5±10.89
			Hymenoptera	Apidae	<i>Apis mellifera</i>	1	1.00
			Hymenoptera	Apidae	<i>Manuelia gayatina</i>	4	1.33±0.58
			Hymenoptera	Halictidae	<i>Corynura chloris</i>	14	2.80±1.64
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp1	26	4.33±5.82
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp2	6	6.00±0.00
			Hymenoptera	Halictidae	<i>Ruizantheda proxima</i>	13	2.6±1.82
		White	Coleoptera	Chrysomelidae	<i>Chrysomelidae</i> sp1	2	1.00
			Coleoptera	Chrysomelidae	<i>Plastonotus</i> sp.	1	1.00
			Coleoptera	Melyridae	<i>Arthrobrachus</i> sp1	7	1.75±0.96
			Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	12	2.40±2.07
			Diptera	Syrphidae	<i>Toxomerus vertebratus</i>	2	2.00±0.00
			Hymenoptera	Apidae	<i>Alloscirtetica tristrigata</i>	12	3.00±2.45
			Hymenoptera	Apidae	<i>Apis mellifera</i>	15	2.50±1.87
			Hymenoptera	Apidae	<i>Manuelia gayatina</i>	3	1.00
			Hymenoptera	Halictidae	<i>Corynura chloris</i>	24	3.43±3.36
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp1	21	30±1.53
			Hymenoptera	Halictidae	<i>Lasioglossum</i> sp3	1	1.00
			Hymenoptera	Halictidae	<i>Ruizantheda proxima</i>	16	4.00±4.69
			Hymenoptera	Halictidae	<i>Sphecodes</i> sp1	1	1.00
		Yellow	Coleoptera	Chrysomelidae	<i>Chrysomelidae</i> sp1	1	1.00
			Coleoptera	Chrysomelidae	<i>Lithraeus</i> sp1	1	1.00
			Coleoptera	Chrysomelidae	<i>Plastonotus</i> sp.	1	1.00
			Coleoptera	Melyridae	<i>Arthrobrachus</i> sp1	4	2.00±0.00
			Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	6	3.00±1.41
			Diptera	Syrphidae	<i>Eristalis tenax</i>	4	2.00±0.00
			Diptera	Syrphidae	<i>Platycheirus punctulata</i>	1	1.00

		Diptera	Syrphidae	<i>Toxomerus vertebratus</i>	1	1.00
		Hymenoptera	Apidae	<i>Alloscirtetica tristrigata</i>	16	2.67±1.86
		Hymenoptera	Apidae	<i>Apis mellifera</i>	4	1.00
		Hymenoptera	Apidae	<i>Manuelia gayatina</i>	5	1.67±0.58
		Hymenoptera	Halictidae	<i>Corynura chloris</i>	29	3.63±1.92
		Hymenoptera	Halictidae	<i>Halictillus verissimus</i>	1	1.00
		Hymenoptera	Halictidae	<i>Lasioglossum sp1</i>	18	3.60±2.07
		Hymenoptera	Halictidae	<i>Lasioglossum sp2</i>	12	6.00±7.07
		Hymenoptera	Halictidae	<i>Ruizantheda mutabilis</i>	1	1.00
		Hymenoptera	Halictidae	<i>Ruizantheda proxima</i>	6	2.00±1.00
		Hymenoptera	Halictidae	<i>Sphecodes sp1</i>	1	1.00
		Lepidoptera	Gelechiidae	Lepidoptera sp3	1	1.00
Center	Blue	Coleoptera	Melyridae	<i>Arthrobruchus sp1</i>	1	1.00
		Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	2	1.00
		Hymenoptera	Apidae	<i>Alloscirtetica tristrigata</i>	27	5.40±5.86
		Hymenoptera	Apidae	<i>Apis mellifera</i>	3	1±0
		Hymenoptera	Apidae	<i>Manuelia gayatina</i>	1	1.00
		Hymenoptera	Halictidae	<i>Corynura chloris</i>	15	3.00±2.92
		Hymenoptera	Halictidae	<i>Ruizantheda proxima</i>	2	2.00±0.00
		Hymenoptera	Halictidae	<i>Sphecodes sp1</i>	1	1.00
	White	Coleoptera	Chrysomelidae	<i>Chrysomelidae sp1</i>	1	1.00
		Coleoptera	Melyridae	<i>Astylus trifasciatus</i>	2	1.00
		Diptera	Syrphidae	<i>Platycheirus punctulata</i>	1	1.00
		Hymenoptera	Apidae	<i>Alloscirtetica tristrigata</i>	1	1.00
		Hymenoptera	Apidae	<i>Apis mellifera</i>	7	1.75±0.96
		Hymenoptera	Apidae	<i>Manuelia gayatina</i>	1	1.00
		Hymenoptera	Halictidae	<i>Corynura chloris</i>	27	3.86±2.27
	Yellow	Diptera	Syrphidae	<i>Eristalis tenax</i>	1	1.00
		Diptera	Syrphidae	<i>Toxomerus vertebratus</i>	1	1.00
		Hymenoptera	Apidae	<i>Alloscirtetica tristrigata</i>	3	1.5.0±0.71
		Hymenoptera	Apidae	<i>Apis mellifera</i>	1	1.00
		Hymenoptera	Apidae	<i>Manuelia gayatina</i>	1	1.00
		Hymenoptera	Apidae	<i>Manuelia postica</i>	1	1.00
		Hymenoptera	Halictidae	<i>Corynura chloris</i>	8	2.67±2.89
		Hymenoptera	Halictidae	<i>Ruizantheda proxima</i>	3	1.5.0±0.71



**Figure S3.** Rarefaction curve of insect species found in blueberry crops. Solid line represents observed species richness and dashed lines represent the 95% confidence interval.



**Figure S4.** Rarefaction curve of insect species found in canola crops. Solid line represents observed species richness and dashed lines represent the 95% confidence interval.

**Table S2.** Insect species present in the study crops (blueberry and canola).

Species	Blueberry	Canola
<b>Coleoptera</b>		
<i>Arthrobruchus</i> sp1		X
<i>Arthrobruchus</i> sp2	X	
<i>Astylus trifasciatus</i>	X	X
<i>Chrysomelidae</i> sp.		X
<i>Hylodanacaea atrocaerulea</i>		X
<i>Lithraeus</i> sp.		X
<i>Plastonotus</i> sp.		X
<b>Diptera</b>		
<i>Eristalis tenax</i>		X
<i>Platycheirus punctulata</i>	X	X
<i>Toxomerus calceolatus</i>	X	
<i>Toxomerus vertebratus</i>	X	X
<b>Lepidoptera</b>		
Lepidoptera sp1	X	
Lepidoptera sp2	X	
Lepidoptera sp3		X
<b>Hymenoptera</b>		
<i>Alloscirtetica tristrigata</i>		X
<i>Apis mellifera</i>	X	X
<i>Bombus terrestris</i>	X	
<i>Corynura chloris</i>	X	X
<i>Halictillus verissimus</i>		X
<i>Lasioglossum</i> sp1	X	X
<i>Lasioglossum</i> sp2		X
<i>Lasioglossum</i> sp3		X
<i>Manuelia gayatina</i>		X
<i>Manuelia postica</i>	X	X
<i>Ruizantheda mutabilis</i>		X
<i>Ruizantheda proxima</i>	X	X
<i>Sphecodes</i> sp.		X