Table 1. Mean ± SEM invertebrates in corn plots interseeded with cover crops and in corn monocultures summed across sampled corn stages in the corn foliage, on the soil surface, and in the soil column. Data are presented this way to give relative abundances of invertebrate taxa throughout the growing season. The plant stages sampled were: soil surface and corn foliage: V4, V8 and anthesis; Subterranean: V2, V4, V8 and anthesis. Individual and grouped taxa included in the table represent those comprising ≥ 0.5% of the community abundance in their respective habitats and differed significantly between treatments. Collembola and mite abundances were excluded when determining commonly collected epigeic and subterranean taxa due to these species being a disproportionately large percentage of the total soil-dwelling community abundance. Results of repeated measures-ANOVAs ($\alpha = 0.05$) are presented for treatment effects with significant differences denoted with an asterisk

Habitat	Taxa	Mean ± SEM Interseeded corn	Mean ± SEM Monoculture corn	Rm-ANOVA
	Taxa	**Per m2**	**Per m2**	**Rm-ANOVA**
Soil surface	Invertebrates (total)	476.83 ± 80.49	198.00 ± 32.00	$F_{1,71} = 10.36$, $P < 0.01$*
	Predators (total)	207.91 ± 23.63	93.41 ± 13.19	$F_{1,71} = 17.90$, $P < 0.01$*
	Herbivores (total)	113.33 ± 31.01	14.58 ± 4.54	$F_{1,71} = 9.93$, $P < 0.01$*
	Detritivores (total)	145.67 ± 40.12	84.42 ± 19.82	$F_{1,71} = 1.87$, $P = 0.19$
	Araneae (total)	66.25 ± 13.22	28.00 ± 6.11	$F_{1,71} = 6.90$, $P = 0.02$*
	Coleoptera Carabidae (total)	76.17 ± 19.19	29.17 ± 6.25	$F_{1,71} = 5.42$, $P = 0.03$*
	Hemiptera Miridae (total)	22.92 ± 8.04	2.83 ± 1.22	$F_{1,71} = 6.10$, $P = 0.03$*
	Coleoptera Staphylinidae (total)	5.17 ± 1.06	2.58 ± 0.60	$F_{1,71} = 4.53$, $P = 0.05$*
	Coleoptera Tetragnathidae sp.	2.50 ± 0.57	1.08 ± 0.34	$F_{1,71} = 4.57$, $P = 0.04$*
	Hemiptera Nabidae *Nabis americoferus*	6.42 ± 1.80	1.83 ± 0.77	$F_{1,71} = 5.50$, $P = 0.03$*
	Coleoptera Coccinellidae (larval)	4.50 ± 0.88	0.75 ± 0.25	$F_{1,71} = 16.69$, $P < 0.01$*
	Coleoptera Carabidae *Bembidion* sp.	14.33 ± 2.49	6.25 ± 1.03	$F_{1,71} = 8.89$, $P = 0.01$*
	Hemiptera Miridae	16.50 ± 5.53	1.08 ± 0.47	$F_{1,71} = 7.72$, $P = 0.01$*

	Lygus sp.			
	Hemiptera			
	Aphididae	75.00 ± 32.28	6.42 ± 4.35	$F_{1,71} = 4.43$, P = 0.05*
	Ropalosiphum padi			
	Taxa	**Per m2**	**Per m2**	**Rm-ANOVA**
Subterranean	Invertebrates (total)	55905.85 ± 14908.85	40858.27 ± 9681.05	$F_{1,95} = 0.72$, P = 0.41
	Predators (total)	2334.27 ± 469.24	1797.39 ± 245.26	$F_{1,95} = 1.03$, P = 0.32
	Herbivores (total)	360.75 ± 88.59	246.16 ± 55.75	$F_{1,95} = 1.20$, P = 0.29
	Detritivores (total)	51491.95 ± 14204.70	37066.14 ± 9169.67	$F_{1,95} = 0.73$, P = 0.40
	Araneae Lycosidae sp.	118.84 ± 39.07	29.71 ± 13.24	$F_{1,95} = 4.67$, P = 0.04*
	Coleoptera Cryptophagidae sp.	50.93 ± 15.36	14.85 ± 4.91	$F_{1,95} = 5.01$, P = 0.04*
	Beetle larva 15‡	6.37 ± 6.37	48.81 ± 19.69	$F_{1,95} = 4.21$, P = 0.05*
	Thysanoptera Thripidae sp.	25.47 ± 10.86	4.24 ± 2.86	$F_{1,95} = 5.77$, P = 0.03*
	Taxa	**Per plant**	**Per plant**	**Rm-ANOVA**
Corn foliage	Invertebrates (total)	13.06 ± 2.71	16.73 ± 4.24	$F_{1,71} = 0.53$, P = 0.47
	Predators (total)	3.83 ± 0.64	3.84 ± 0.74	$F_{1,71} = 0.00$, P = 0.99
	Herbivores (total)	8.65 ± 2.05	12.51 ± 3.54	$F_{1,71} = 0.89$, P = 0.36

‡Footnote:

Unidentified “Beetle larva 15” is approximately 3.5 mm long and possesses three pairs of thoracic legs, prognathous mouthparts (reduced) and two distinct posterior dorsally-pointing hook-like urogomphi