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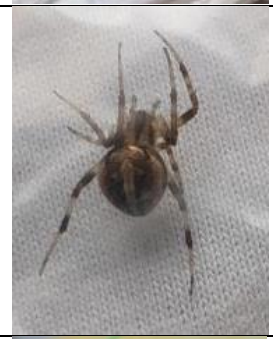
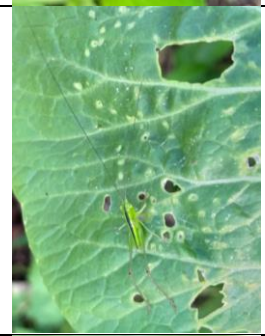
LAMPIRAN

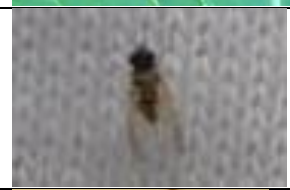
Lampiran 1. Data Indentifikasi Arthopoda

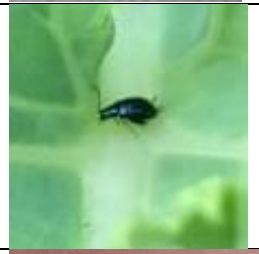
No.	Ordo	Famili	Nama Ilmiah	Nama Indonesia	Peran	Keterangan	Gambar
	Araneidae	Tetragnathidae		Laba-laba	Predator		
	Araneae	Araneidae	Larinioides cornutus	Laba-laba	Predator	jaringnya, dibuat rendah di rerumputan dan semak-semak, pada siang hari.	
	Lepidoptera	Noctuidae	Mythimna impura				
	Lepidoptera	Plutellidae	Plutella xylostella	Ulat daun kubis	Hama		

	Lepidoptera	Noctuidae	Acontia trabealis	Ngengat	Hama		
	Lepidoptera	Noctuidae	Spodoptera frugiperda	Ulat grayak	Hama		
	Hymenoptera	Formicidae	Camponotus pennsylvanicus	Semut kayu	**Predator**		
	Hymenoptera	Formicidae	Tetramorium bicarinatum		Hama		
	Hymenoptera	Vespidae	Polistes stigma	Tawon kertas	predator		
	Hymenoptera	Formicidae	Camponotus pennsylvanicus	Semut kayu	Hama		

	Orthoptera	Pyrgomorphidae	Atractomorpha lata	Belalang kukus	Hama		
	Orthoptera	Tettigoniidae	Conocephalus strictus		Hama		
	Orthoptera	Trigonidiidae	Eunemobius carolinus	Jangkrik tanah			
	Orthoptera	Acrididae	Xenocatantops humilis		Hama		

	Orthoptera	Acrididae	Phlaeoba infumata		Hama		
	Diptera	Dolichopodidae	Condylostylus patibulatus		predator		
	Diptera	Tephritidae	Bactrocera dorsalis	Lalat buah	hama		
	Diptera	Muscidae	Musca autumnalis	Lalat wajah	Hama/parasitoid		

	Diptera	Micropezidae	Taeniaptera trivittata				
	Diptera	Syrphidae	Toxomerus marginatus	Lalat kaligrafi	Predator	Larva: predator pada kutu daun, thrips, dan ulat kecil. Dewasa: pemakan bunga	
	Diptera	Platystomatidae	Rivellia sp.		hama		
	Diptera	Stratiomyidae	Hermetia illucens	Lalat tantara hitam			
	Diptera	Stratiomyidae	Microchrysa polita				

	Diptera	Drosophilidae	Drosophila melanogaster	Lalat buah	Hama		
	Coleoptera	Carabidae	Lebia viridis	Kumbang tanduk panjang	predator		
	Coleoptera	Chrysomelidae	Ophraella communa	Kumbang daun	Hama		
	Coleoptera	Chrysomelidae	Oulema melanopus	Kumbang daun	Hama		

	Coleoptera	Anthicidae	Omonadus floralis	Kumbang biji	Predator		
	Coleoptera	Carabidae	Calleida punctata	Kumbang tanah	Predator		
	Coleoptera	Cerambycidae	Phymatodes testaceus	Kumbang tanduk panjang	Hama		
	Coleoptera	Tenebrionidae	Tenebrio molitor	Kutu beras	Dekomposer		
	Hemiptera	Rhyparochromidae	Horridipamera nietneri				

	Spirobolida	Trigoniulidae	Trigoniulus corallinus	Kaki seribu			

Lampiran 2. Data popolasi Arthopoda

Perlakuan 1

No.	Ordo	Famili	Pengamatan Ke-																													Jumlah	Peran	Persentase
			1					2					3					4					5					6							
			U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5			
1	Araneae	Tetragnathidae	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	5	Predator	1.19%
2	Araneae	Araneidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	Predator	0.48%
3	Lepidoptera	Noctuidae	0	0	0	0	0	1	0	0	0	0	0	1	0	2	2	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	9	Hama	2.15%
4	Lepidoptera	Plutellidae	5	0	0	0	2	2	5	4	3	10	9	12	18	15	20	5	14	16	12	13	14	25	8	25	15	11	9	7	10	16	305	Hama	72.79%
5	Lepidoptera	Noctuidae	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	6	Hama	1.43%
6	Lepidoptera	Noctuidae	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	0	0	0	0	0	2	0	0	8	Hama	1.91%
7	Hymenoptera	Formicidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Predator	0.00%
8	Hymenoptera	Formicidae	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	4	0	0	1	0	1	0	0	1	0	2	1	0	13	Predator	3.10%
9	Hymenoptera	Vespidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	predator	0.00%
10	Hymenoptera	Formicidae	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	predator	0.95%
11	Orthoptera	Pyrgomorphidae	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	3	Hama	0.72%
12	Orthoptera	Tettigoniidae	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Hama	0.24%
13	Orthoptera	Trigonidiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
14	Orthoptera	Acrididae	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	3	Hama	0.72%
15	Orthoptera	Acrididae	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	5	Hama	1.19%
16	Diptera	Dolichopodidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	predator	0.00%
17	Diptera	Tephritidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	Hama	0.24%
18	Diptera	Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4	Hama	0.95%
19	Diptera	Micropezidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	Hama	0.24%
20	Diptera	Syrphidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Predator	0.00%
21	Diptera	Platystomatidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	Hama	0.72%
22	Diptera	Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	4	Dekomposer	0.95%
23	Diptera	Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
24	Diptera	Drosophilidae	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4	Hama	0.95%
25	Coleoptera	Carabidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	3	predator	0.72%
26	Coleoptera	Chrysomelidae	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	7	Hama	1.67%
27	Coleoptera	Chrysomelidae	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	2	0	0	3	0	0	4	0	0	0	0	0	13	Hama	3.10%
28	Coleoptera	Anthicidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Predator	0.00%
29	Coleoptera	Carabidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Predator	0.24%
30	Coleoptera	Cerambycidae	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	Dekomposer	0.48%
31	Coleoptera	Tenebrionidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	Dekomposer	0.24%
32	Hemiptera	Rhyparochromidae	0	0	0	0	0	0	1	0	0	0	0	0	3	0	2	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	11	Dekomposer	2.63%
33	Spirobolida	Trigoniulidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
Jumlah			**5**	**1**	**0**	**6**	**2**	**6**	**11**	**8**	**3**	**11**	**10**	**16**	**21**	**18**	**25**	**11**	**18**	**23**	**25**	**16**	**19**	**34**	**10**	**27**	**20**	**14**	**10**	**15**	**15**	**19**	419		100.00%

Perlakuan 2

No.	Ordo	Famili	Pengamatan Ke-																												Jumlah	Peran	Persentase
			1					2					3					4					5					6						
			U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5			
1	Araneae	Tetragnathidae	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	Predator	0.43%
2	Araneae	Araneidae	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	8	Predator	1.73%
3	Lepidoptera	Noctuidae	0	0	0	0	0	0	3	1	0	0	3	0	1	0	0	0	4	0	0	0	6	0	0	0	2	0	0	0	2	0	22	Hama	4.76%
4	Lepidoptera	Plutellidae	5	4	5	3	5	2	3	4	7	6	8	5	5	3	8	4	8	0	0	4	1	2	2	1	0	0	0	2	0	0	97	Hama	21.00%
5	Lepidoptera	Noctuidae	0	3	0	0	0	0	1	3	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	12	Hama	2.60%
6	Lepidoptera	Noctuidae	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	2	1	1	0	0	0	0	0	0	0	0	2	0	0	10	Hama	2.16%
7	Hymenoptera	Formicidae	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	7	Predator	1.52%
8	Hymenoptera	Formicidae	0	0	0	0	0	3	1	0	2	0	7	5	2	6	0	8	4	11	2	2	3	6	8	6	0	5	5	3	2	0	91	Predator	19.70%
9	Hymenoptera	Vespidae	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	predator	0.43%
10	Hymenoptera	Formicidae	0	0	0	0	0	0	0	2	0	1	2	0	0	0	3	0	0	1	0	0	0	7	0	0	0	0	1	0	0	0	17	predator	3.68%
11	Orthoptera	Pyrgomorphidae	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	1	0	5	Hama	1.08%
12	Orthoptera	Tettigoniidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2	Hama	0.43%
13	Orthoptera	Trigonidiidae	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	Dekomposer	1.08%
14	Orthoptera	Acrididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	Hama	0.22%
15	Orthoptera	Acrididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	Hama	0.43%
16	Diptera	Dolichopodidae	0	0	0	1	0	0	0	0	0	3	0	0	0	0	4	0	0	2	0	0	0	1	0	0	3	0	0	0	0	0	14	predator	3.03%
17	Diptera	Tephritidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
18	Diptera	Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
19	Diptera	Micropezidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	Hama	0.43%
20	Diptera	Syrphidae	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	Predator	0.65%
21	Diptera	Platystomatidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
22	Diptera	Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	6	Dekomposer	1.30%
23	Diptera	Stratiomyidae	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	10	Dekomposer	2.16%
24	Diptera	Drosophilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	Hama	0.22%
25	Coleoptera	Carabidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	predator	0.22%
26	Coleoptera	Chrysomelidae	4	7	7	7	3	4	5	4	3	5	8	13	6	3	5	2	1	2	0	3	7	4	5	4	0	2	6	1	0	1	122	Hama	26.41%
27	Coleoptera	Chrysomelidae	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	3	Hama	0.65%
28	Coleoptera	Anthicidae	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	4	Predator	0.87%
29	Coleoptera	Carabidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Predator	0.22%
30	Coleoptera	Cerambycidae	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	Dekomposer	0.43%
31	Coleoptera	Tenebrionidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
32	Hemiptera	Rhyparochromidae	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	9	Dekomposer	1.95%
33	Spirobolida	Trigoniulidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	Dekomposer	0.22%
Jumlah			**11**	**15**	**14**	**12**	**9**	**14**	**17**	**14**	**14**	**18**	**28**	**29**	**15**	**15**	**22**	**17**	**22**	**19**	**9**	**14**	**26**	**20**	**15**	**11**	**12**	**8**	**18**	**9**	**9**	**6**	**462**		100.00%

Perlakuan 3

No.	Ordo	Famili	Pengamatan Ke-																												Jumlah	Peran	Persentase
			1					2					3					4					5					6						
			U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5			
1	Araneae	Tetragnathidae	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	3	Predator	1.20%
2	Araneae	Araneidae	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Predator	0.40%
3	Lepidoptera	Noctuidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	Hama	0.40%
4	Lepidoptera	Plutellidae	0	0	2	0	0	7	0	3	0	6	8	7	5	3	8	4	8	9	12	37	15	6	12	0	4	0	0	2	0	0	158	Hama	63.45%
5	Lepidoptera	Noctuidae	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	3	0	0	0	0	0	6	Hama	2.41%
6	Lepidoptera	Noctuidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	Hama	0.80%
7	Hymenoptera	Formicidae	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	Predator	0.80%
8	Hymenoptera	Formicidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	Predator	0.80%
9	Hymenoptera	Vespidae	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	predator	0.40%
10	Hymenoptera	Formicidae	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	8	predator	3.21%
11	Orthoptera	Pyrgomorphidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
12	Orthoptera	Tettigoniidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	Hama	0.80%
13	Orthoptera	Trigonidiidae	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	Dekomposer	1.20%
14	Orthoptera	Acrididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
15	Orthoptera	Acrididae	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	Hama	0.80%
16	Diptera	Dolichopodidae	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	1	0	0	0	9	predator	3.61%
17	Diptera	Tephritidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
18	Diptera	Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
19	Diptera	Micropezidae	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	Hama	2.41%
20	Diptera	Syrphidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	Predator	1.20%
21	Diptera	Platystomatidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Hama	0.40%
22	Diptera	Stratiomyidae	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Dekomposer	0.40%
23	Diptera	Stratiomyidae	0	0	0	0	0	1	2	0	0	0	1	1	3	2	1	1	0	2	0	0	0	0	0	1	0	0	3	0	0	0	18	Dekomposer	7.23%
24	Diptera	Drosophilidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
25	Coleoptera	Carabidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6	0	0	1	1	9	predator	3.61%
26	Coleoptera	Chrysomelidae	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	5	Hama	2.01%
27	Coleoptera	Chrysomelidae	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	Hama	1.20%
28	Coleoptera	Anthicidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	Predator	0.80%
29	Coleoptera	Carabidae	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Predator	0.40%
30	Coleoptera	Cerambycidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
31	Coleoptera	Tenebrionidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
32	Hemiptera	Rhyparochromidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
33	Spirobolida	Trigoniulidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dekomposer	0.00%
Jumlah			**0**	**0**	**2**	**2**	**3**	**12**	**4**	**6**	**1**	**9**	**11**	**16**	**8**	**5**	**11**	**7**	**11**	**13**	**18**	**38**	**16**	**8**	**13**	**7**	**7**	**6**	**4**	**6**	**1**	**4**	**249**		100.00%

Perlakuan 4

No.	Ordo	Famili	Pengamatan Ke-																													Jumlah	Peran	Persentase
			1					2					3					4					5					6							
			U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5	U1	U2	U3	U4	U5			
1	Araneae	Tetragnathidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	Predator	0.51%
2	Araneae	Araneidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Predator	0.00%
3	Lepidoptera	Noctuidae	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	Hama	0.77%
4	Lepidoptera	Plutellidae	4	3	3	3	3	1	1	4	1	6	4	1	1	2	1	0	0	7	2	3	6	6	4	5	4	5	3	2	0	0	85	Hama	21.79%
5	Lepidoptera	Noctuidae	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	Hama	0.77%
6	Lepidoptera	Noctuidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	Hama	0.26%
7	Hymenoptera	Formicidae	1	0	1	0	0	0	0	0	0	5	0	0	0	2	0	0	0	3	0	0	0	1	0	0	1	0	0	1	0	0	15	Predator	3.85%
8	Hymenoptera	Formicidae	0	0	0	0	1	0	2	0	0	0	1	6	0	0	4	4	1	2	0	2	3	2	1	0	0	0	0	0	1	0	30	Predator	7.69%
9	Hymenoptera	Vespidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	predator	0.77%
10	Hymenoptera	Formicidae	0	0	0	1	5	1	2	1	2	0	3	2	8	9	0	0	0	0	3	0	0	1	0	0	1	0	0	0	0	1	40	predator	10.26%
11	Orthoptera	Pyrgomorphidae	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	Hama	0.51%
12	Orthoptera	Tettigoniidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3	Hama	0.77%
13	Orthoptera	Trigonidiidae	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	6	Dekomposer	1.54%
14	Orthoptera	Acrididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	Hama	0.26%
15	Orthoptera	Acrididae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	3	Hama	0.77%
16	Diptera	Dolichopodidae	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0	1	0	1	0	0	1	11	predator	2.82%
17	Diptera	Tephritidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	Hama	0.26%
18	Diptera	Muscidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3	0	6	Hama	1.54%
19	Diptera	Micropezidae	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0	0	2	0	2	0	1	0	9	Hama	2.31%
20	Diptera	Syrphidae	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	Predator	1.03%
21	Diptera	Platystomatidae	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	4	Hama	1.03%
22	Diptera	Stratiomyidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	Dekomposer	0.77%
23	Diptera	Stratiomyidae	0	0	0	0	0	2	0	3	0	0	0	3	0	2	0	2	0	0	0	0	2	0	0	1	0	0	0	0	0	0	15	Dekomposer	3.85%
24	Diptera	Drosophilidae	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	Hama	1.28%
25	Coleoptera	Carabidae	0	0	3	0	0	0	4	0	0	0	5	0	0	1	0	2	0	3	0	0	4	0	7	5	0	6	0	0	0	9	49	predator	12.56%
26	Coleoptera	Chrysomelidae	0	0	0	0	5	2	0	0	3	6	0	3	5	3	8	4	8	2	0	4	1	1	2	2	1	2	0	2	1	1	66	Hama	16.92%
27	Coleoptera	Chrysomelidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hama	0.00%
28	Coleoptera	Anthicidae	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	2	0	0	2	1	0	0	0	0	1	0	0	0	9	Predator	2.31%
29	Coleoptera	Carabidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	Predator	0.51%
30	Coleoptera	Cerambycidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	Dekomposer	0.26%
31	Coleoptera	Tenebrionidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	Dekomposer	0.26%
32	Hemiptera	Rhyparochromidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4	Dekomposer	1.03%
33	Spirobolida	Trigoniulidae	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	3	Dekomposer	0.77%
Jumlah			**6**	**4**	**8**	**5**	**17**	**11**	**10**	**14**	**6**	**21**	**13**	**17**	**16**	**19**	**19**	**19**	**15**	**20**	**6**	**11**	**21**	**13**	**19**	**13**	**11**	**17**	**10**	**7**	**8**	**14**	**390**		100.00%

Indeks Keanekaragaman Arhopoda

Perlakuan 1				Perlakuan 2				Perlakuan 3				Perlakuan 4			
pi	LN pi	pi LN pi	H'	pi	LN pi	pi LN pi	H'	pi	LN pi	pi LN pi	H'	pi	LN pi	pi LN pi	H'
0.01193317	-4.42843301	-0.0528	1.37731	0.00432900	-5.44241771	-0.0236	2.31166	0.01204819	-4.41884061	-0.0532	1.66544	0.00512821	-5.27299956	-0.027	2.59431
0.00477327	-5.34472374	-0.0255		0.01731602	-4.05612335	-0.0702		0.00401606	-5.51745290	-0.0222		0.00000000	0.00000000	0	
0.02147971	-3.84064634	-0.0825		0.04761905	-3.04452244	-0.145		0.00401606	-5.51745290	-0.0222		0.00769231	-4.86753445	-0.0374	
0.72792363	-0.31755914	-0.2312		0.20995671	-1.56085391	-0.3277		0.63453815	-0.45485786	-0.2886		0.21794872	-1.52349548	-0.332	
0.01431981	-4.24611145	-0.0608		0.02597403	-3.65065824	-0.0948		0.02409639	-3.72569343	-0.0898		0.00769231	-4.86753445	-0.0374	
0.01909308	-3.95842938	-0.0756		0.02164502	-3.83297980	-0.083		0.00803213	-4.82430572	-0.0387		0.00256410	-5.96614674	-0.0153	
0.00000000	0.00000000	0		0.01515152	-4.18965474	-0.0635		0.00803213	-4.82430572	-0.0387		0.03846154	-3.25809654	-0.1253	
0.03102625	-3.47292156	-0.1078		0.19696970	-1.62470538	-0.32		0.00803213	-4.82430572	-0.0387		0.07692308	-2.56494936	-0.1973	
0.00000000	0.00000000	0		0.00432900	-5.44241771	-0.0236		0.00401606	-5.51745290	-0.0222		0.00769231	-4.86753445	-0.0374	
0.00954654	-4.65157656	-0.0444		0.03679654	-3.30235155	-0.1215		0.03212851	-3.43801135	-0.1105		0.10256410	-2.27726729	-0.2336	
0.00715990	-4.93925863	-0.0354		0.01082251	-4.52612698	-0.049		0.00000000	0.00000000	0		0.00512821	-5.27299956	-0.027	
0.00238663	-6.03787092	-0.0144		0.00432900	-5.44241771	-0.0236		0.00803213	-4.82430572	-0.0387		0.00769231	-4.86753445	-0.0374	
0.00000000	0.00000000	0		0.01082251	-4.52612698	-0.049		0.01204819	-4.41884061	-0.0532		0.01538462	-4.17438727	-0.0642	
0.00715990	-4.93925863	-0.0354		0.00216450	-6.13556489	-0.0133		0.00000000	0.00000000	0		0.00256410	-5.96614674	-0.0153	
0.01193317	-4.42843301	-0.0528		0.00432900	-5.44241771	-0.0236		0.00803213	-4.82430572	-0.0387		0.00769231	-4.86753445	-0.0374	
0.00000000	0.00000000	0		0.03030303	-3.49650756	-0.106		0.03614458	-3.32022832	-0.12		0.02820513	-3.56825147	-0.1006	
0.00238663	-6.03787092	-0.0144		0.00000000	0.00000000	0		0.00000000	0.00000000	0		0.00256410	-5.96614674	-0.0153	
0.00954654	-4.65157656	-0.0444		0.00000000	0.00000000	0		0.00000000	0.00000000	0		0.01538462	-4.17438727	-0.0642	
0.00238663	-6.03787092	-0.0144		0.00432900	-5.44241771	-0.0236		0.02409639	-3.72569343	-0.0898		0.02307692	-3.76892216	-0.087	
0.00000000	0.00000000	0		0.00649351	-5.03695260	-0.0327		0.01204819	-4.41884061	-0.0532		0.01025641	-4.57985238	-0.047	
0.00715990	-4.93925863	-0.0354		0.00000000	0.00000000	0		0.00401606	-5.51745290	-0.0222		0.01025641	-4.57985238	-0.047	
0.00954654	-4.65157656	-0.0444		0.01298701	-4.34380542	-0.0564		0.00401606	-5.51745290	-0.0222		0.00769231	-4.86753445	-0.0374	
0.00000000	0.00000000	0		0.02164502	-3.83297980	-0.083		0.07228916	-2.62708114	-0.1899		0.03846154	-3.25809654	-0.1253	
0.00954654	-4.65157656	-0.0444		0.00216450	-6.13556489	-0.0133		0.00000000	0.00000000	0		0.01282051	-4.35670883	-0.0559	
0.00715990	-4.93925863	-0.0354		0.00216450	-6.13556489	-0.0133		0.03614458	-3.32022832	-0.12		0.12564103	-2.07432644	-0.2606	
0.01670644	-4.09196077	-0.0684		0.26406926	-1.33154385	-0.3516		0.02008032	-3.90801498	-0.0785		0.16923077	-1.77649200	-0.3006	
0.03102625	-3.47292156	-0.1078		0.00649351	-5.03695260	-0.0327		0.01204819	-4.41884061	-0.0532		0.00000000	0.00000000	0	
0.00000000	0.00000000	0		0.00865801	-4.74927053	-0.0411		0.00803213	-4.82430572	-0.0387		0.02307692	-3.76892216	-0.087	
0.00238663	-6.03787092	-0.0144		0.00216450	-6.13556489	-0.0133		0.00401606	-5.51745290	-0.0222		0.00512821	-5.27299956	-0.027	
0.00477327	-5.34472374	-0.0255		0.00432900	-5.44241771	-0.0236		0.00000000	0.00000000	0		0.00256410	-5.96614674	-0.0153	
0.00238663	-6.03787092	-0.0144		0.00000000	0.00000000	0		0.00000000	0.00000000	0		0.00256410	-5.96614674	-0.0153	
0.02625298	-3.63997565	-0.0956		0.01948052	-3.93834031	-0.0767		0.00000000	0.00000000	0		0.01025641	-4.57985238	-0.047	
0.00000000	0.00000000	0		0.00216450	-6.13556489	-0.0133		0.00000000	0.00000000	0		0.00769231	-4.86753445	-0.0374	

Lampiran 3. Dokumentasi Kegiatan