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## LAMPIRAN

Lampiran 1. Jenis serangga yang ditemukan di kandang sapi komunal beserta klasifikasinya

No.	Kingdom	Filum	Kelas	Ordo	Famili	Genus	Spesies
1	Animalia	Arthropoda	Insecta	Diptera	Muscidae	<i>Haematobia</i>	<i>irritans</i>
2						<i>Stomoxys</i>	<i>calcitrans</i>
3						<i>Musca</i>	<i>domestica</i>
4						<i>Gymnodia</i>	<i>subtilis</i>
5					Tabanidae	<i>Tabanus</i>	<i>subsimilis</i>
6					Drosophilidae	<i>Drosophila</i>	<i>repleta</i>
7					Phoridae	<i>Megaselia</i>	<i>scalaris</i>
8					Sepsidae	<i>Meroplius</i>	<i>fasciculatus</i>
9						<i>Dicranosepsis</i>	<i>revocans</i>
10					Stationomyidae	<i>Hermetia</i>	<i>illuscens</i>
11						<i>Microchrysa</i>	<i>sp.</i>
12					Chlorophidae	<i>Neoloxotaenia</i>	<i>gracilis</i>
13				Hemiptera	Croeidae	<i>Acanthocephala</i>	<i>declivis</i>
14					Alydidae	<i>Megalotomus</i>	<i>quinespinosus</i>
15				Himenoptera	Sphecidae	<i>Chlorion</i>	<i>aerarium</i>

Lampiran 2. Perhitungan indeks *Shannon-Wiener* kandang sapi Taruna Bumi

Spesies	Jumlah	Pi	Ln Pi	Pi. Ln Pi
<i>Haematobia irritans</i>	63	0.42	-0.867500568	-0.3644
<i>Stomoxys calcitrans</i>	7	0.0466667	-3.064725145	-0.143
<i>Musca domestica</i>	36	0.24	-1.427116356	-0.3425
<i>Tabanus subsimilis</i>	14	0.0933333	-2.371577964	-0.2213
<i>Drosophila repleta</i>	7	0.0466667	-3.064725145	-0.143
<i>Hermetia illuscens</i>	11	0.0733333	-2.612740021	-0.1916
<i>Microchrysa sp.</i>	7	0.0466667	-3.064725145	-0.143
<i>Acanthocephala declivis</i>	2	0.0133333	-4.317488114	-0.0576
<i>Megalotomus quinespinosus</i>	2	0.0133333	-4.317488114	-0.0576
<i>Chlorion aerarium</i>	1	0.0066667	-5.010635294	-0.0334
Jumlah	150	-H'		1.6974

Lampiran 3. Perhitungan indeks *Shannon-Wiener* kandang sapi Sedyo Mulyo

Spesies	Jumlah	Pi	Ln Pi	Pi. Ln Pi
<i>Haematobia irritans</i>	93	0.5081967	-0.67688666	-0.344
<i>Stomoxys calcitrans</i>	6	0.0327869	-3.417726684	-0.1121
<i>Musca domestica</i>	6	0.0327869	-3.417726684	-0.1121
<i>Drosophila repleta</i>	9	0.0491803	-3.012261576	-0.1481
<i>Meroplius fasciculatus</i>	46	0.2513661	-1.380844756	-0.3471
<i>Dicranosepsis revocans</i>	21	0.1147541	-2.164963715	-0.2484
<i>Microchrysa sp.</i>	1	0.0054645	-5.209486153	-0.0285
<i>Neoloxotaenia gracilis</i>	1	0.0054645	-5.209486153	-0.0285
Jumlah	183	-H'		1.3687

Lampiran 4. Perhitungan indeks *Shannon-Wiener* kandang sapi Huntab Kuwang

Spesies	Jumlah	Pi	Ln Pi	Pi. Ln Pi
<i>Haematobia irritans</i>	25	0.1633987	-1.811562097	-0.296
<i>Stomoxys calcitrans</i>	15	0.0980392	-2.32238772	-0.2277
<i>Gymnodia subtilis</i>	1	0.0065359	-5.030437921	-0.0329
<i>Tabanus subsimilis</i>	2	0.0130719	-4.337290741	-0.0567
<i>Drosophila repleta</i>	44	0.2875817	-1.246248287	-0.3584
<i>Megaselia scalaris</i>	24	0.1568627	-1.852384091	-0.2906
<i>Meroplius fasciculatus</i>	32	0.2091503	-1.564702019	-0.3273
<i>Dicranosepsis revocans</i>	4	0.0261438	-3.64414356	-0.0953
<i>Hermetia illuscens</i>	6	0.0392157	-3.238678452	-0.127
Jumlah	153	-H'		1.8118

Lampiran 5. Hasil pengukuran temperatur, kelembaban lingkungan dan intensitas cahaya di kandang sapi Taruna Bumi

Waktu Pengambilan	Plot	Temperatur (°C)	Kelembaban (%)	Intensitas Cahaya (Lux)
Sampling 1 (3 April 2016)	Plot 1	30	64	588
	Plot 2	30	61	350
	Plot 3	30	61	323
	Plot 4	30	60	620
	<b>Rerata</b>	<b>30</b>	<b>61.5</b>	<b>470.25</b>
Sampling 2 (24 April 2016)	Plot 1	28	63	420
	Plot 2	28	64	470
	Plot 3	28	64	469
	Plot 4	29	62	506
	<b>Rerata</b>	<b>28.25</b>	<b>63.25</b>	<b>466.25</b>
Sampling 3 (16 Mei 2016)	Plot 1	30	62	450
	Plot 2	31	62	466
	Plot 3	31	61	437
	Plot 4	31	60	498
	<b>Rerata</b>	<b>30.75</b>	<b>61.25</b>	<b>462.75</b>

Lampiran 6. Hasil pengukuran temperatur, kelembaban lingkungan dan intensitas cahaya di kandang sapi Taruna Bumi

Waktu Pengambilan	Plot	Temperatur (°C)	Kelembaban (%)	Intensitas Cahaya (Lux)
Sampling 1 (3 April 2016)	Plot 1	33	61	410
	Plot 2	33.6	56	449
	Plot 3	33.7	57	351
	Plot 4	33.7	57	325
	<b>Rerata</b>	<b>33.5</b>	<b>57.75</b>	<b>383.75</b>
Sampling 2 (24 April 2016)	Plot 1	30	63	354
	Plot 2	30	61	430
	Plot 3	30	60	230
	Plot 4	30	60	390
	<b>Rerata</b>	<b>30</b>	<b>61</b>	<b>351</b>
Sampling 3 (16 Mei 2016)	Plot 1	32	60	387
	Plot 2	32	60	456
	Plot 3	31	61	277
	Plot 4	31	61	362
	<b>Rerata</b>	<b>31.5</b>	<b>60.5</b>	<b>370.5</b>

Lampiran 7. Hasil pengukuran temperatur, kelembaban lingkungan dan intensitas cahaya di kandang sapi Huntab Kuwang

<b>Waktu Pengambilan</b>	<b>Plot</b>	<b>Temperatur (°C)</b>	<b>Kelembaban (%)</b>	<b>Intensitas Cahaya (Lux)</b>
Sampling 1 (3 April 2016)	Plot 1	31.9	68	165
	Plot 2	31.2	70	368
	Plot 3	31.2	68	178
	Plot 4	31.2	70	104
	<b>Rerata</b>	<b>31.375</b>	<b>69</b>	<b>203.75</b>
Sampling 2 (24 April 2016)	Plot 1	29	72	180
	Plot 2	29	78	309
	Plot 3	30	72	149
	Plot 4	30	73	189
	<b>Rerata</b>	<b>29.5</b>	<b>73.75</b>	<b>206.75</b>
Sampling 3 (16 Mei 2016)	Plot 1	29	72	182
	Plot 2	29	78	273
	Plot 3	30	73	186
	Plot 4	30	72	195
	<b>Rerata</b>	<b>29.5</b>	<b>73.75</b>	<b>209</b>

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