LAMPIRAN

Lampiran 1. Tabel Data Hasil Pengamatan Penelitian

Tabel 1. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 40 kHz (Reflikasi I)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_1R_1T_1$	$F_1 = 40$	$R_1 = 100$	$T_1 = 1$	10	5	5	5	5
$F_1R_2T_1$	$F_1 = 40$	$R_2 = 200$	$T_1 = 1$	10	6	4	6	4
$F_1R_3T_1$	$F_1 = 40$	$R_3 = 300$	$T_1 = 1$	10	5	5	6	4
$F_1R_4T_1$	$F_1 = 40$	$R_4 = 400$	$T_1 = 1$	10	6	4	6	4
$F_1R_1T_2$	$F_1 = 40$	$R_1 = 100$	$T_2 = 2$	10	6	4	6	4
$F_1R_2T_2$	$F_1 = 40$	$R_2 = 200$	$T_2 = 2$	10	6	4	5	5
$F_1R_3T_2$	$F_1 = 40$	$R_3 = 300$	$T_2 = 2$	10	6	4	5	5
$F_1R_4T_2$	$F_1 = 40$	$R_4 = 400$	$T_2 = 2$	10	6	4	5	5
$F_1R_1T_3$	$F_1 = 40$	$R_1 = 100$	$T_3 = 3$	10	5	5	7	3
$F_1R_2T_3$	$F_1 = 40$	$R_2 = 200$	$T_3 = 3$	10	5	5	6	4
$F_1R_3T_3$	$F_1 = 40$	$R_3 = 300$	$T_3 = 3$	10	5	5	5	5
$F_1R_4T_3$	$F_1 = 40$	$R_4 = 400$	$T_3 = 3$	10	5	5	6	4
$F_1R_1T_4$	$F_1 = 40$	$R_1 = 100$	$T_4 = 4$	10	4	6	6	4
$F_1R_2T_4$	$F_1 = 40$	$R_2 = 200$	$T_4 = 4$	10	4	6	5	5
$F_1R_3T_4$	$F_1 = 40$	$R_3 = 300$	$T_4 = 4$	10	4	6	6	4
$F_1R_4T_4$	$F_1 = 40$	$R_4 = 400$	$T_4 = 4$	10	4	6	6	4

Tabel 2. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 45 kHz (Reflikasi I)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_2R_1T_1$	$F_2 = 45$	$R_1 = 100$	$T_1 = 1$	10	4	6	5	5
$F_2R_2T_1$	$F_2 = 45$	$R_2 = 200$	$T_1 = 1$	10	4	6	5	5
$F_2R_3T_1$	$F_2 = 45$	$R_3 = 300$	$T_1 = 1$	10	4	6	5	5
$F_2R_4T_1$	$F_2 = 45$	$R_4 = 400$	$T_1 = 1$	10	4	6	4	6
$F_2R_1T_2$	$F_2 = 45$	$R_1 = 100$	$T_2 = 2$	10	6	4	6	4
$F_2R_2T_2$	$F_2 = 45$	$R_2 = 200$	$T_2 = 2$	10	5	5	6	4
$F_2R_3T_2$	$F_2 = 45$	$R_3 = 300$	$T_2 = 2$	10	4	4	5	5
$F_2R_4T_2$	$F_2 = 45$	$R_4 = 400$	$T_2 = 2$	10	5	5	5	5
$F_2R_1T_3$	$F_2 = 45$	$R_1 = 100$	$T_3 = 3$	10	4	6	6	4
$F_2R_2T_3$	$F_2 = 45$	$R_2 = 200$	$T_3 = 3$	10	4	6	6	4
$F_2R_3T_3$	$F_2 = 45$	$R_3 = 300$	$T_3 = 3$	10	5	5	6	4
$F_2R_4T_3$	$F_2 = 45$	$R_4 = 400$	$T_3 = 3$	10	4	6	6	4
$F_2R_1T_4$	$F_2 = 45$	$R_1 = 100$	$T_4 = 4$	10	3	7	6	4
$F_2R_2T_4$	$F_2 = 45$	$R_2 = 200$	$T_4 = 4$	10	3	7	5	5
$F_2R_3T_4$	$F_2 = 45$	$R_3 = 300$	$T_4 = 4$	10	3	7	6	4
$F_2R_4T_4$	$F_2 = 45$	$R_4 = 400$	$T_4 = 4$	10	4	6	6	4

Tabel 3. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 50 kHz (Reflikasi I)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_3R_1T_1$	$F_3 = 50$	$R_1 = 100$	$T_1 = 1$	10	2	8	7	3
$F_3R_2T_1$	$F_3 = 50$	$R_2 = 200$	$T_1 = 1$	10	2	8	7	3
$F_3R_3T_1$	$F_3 = 50$	$R_3 = 300$	$T_1 = 1$	10	3	7	7	3
$F_3R_4T_1$	$F_3 = 50$	$R_4 = 400$	$T_1 = 1$	10	3	7	6	4
$F_3R_1T_2$	$F_3 = 50$	$R_1 = 100$	$T_2 = 2$	10	1	9	3	7
$F_3R_2T_2$	$F_3 = 50$	$R_2 = 200$	$T_2 = 2$	10	2	8	4	6
$F_3R_3T_2$	$F_3 = 50$	$R_3 = 300$	$T_2 = 2$	10	3	7	5	5
$F_3R_4T_2$	$F_3 = 50$	$R_4 = 400$	$T_2 = 2$	10	3	7	5	5
$F_3R_1T_3$	$F_3 = 50$	$R_1 = 100$	$T_3 = 3$	10	-	10	1	9
$F_3R_2T_3$	$F_3 = 50$	$R_2 = 200$	$T_3 = 3$	10	1	9	1	9
$F_3R_3T_3$	$F_3 = 50$	$R_3 = 300$	$T_3 = 3$	10	1	9	2	8
$F_3R_4T_3$	$F_3 = 50$	$R_4 = 400$	$T_3 = 3$	10	1	9	2	8
$F_3R_1T_4$	$F_3 = 50$	$R_1 = 100$	$T_4 = 4$	10	-	10	-	10
$F_3R_2T_4$	$F_3 = 50$	$R_2 = 200$	$T_4 = 4$	10	-	10	-	10
$F_3R_3T_4$	$F_3 = 50$	$R_3 = 300$	$T_4 = 4$	10	1	9	1	9
$F_3R_4T_4$	$F_3 = 50$	$R_4 = 400$	$T_4 = 4$	10	1	9	2	8

Tabel 4. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 55 kHz (Reflikasi I)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_4R_1T_1$	$F_4 = 55$	$R_1 = 100$	$T_1 = 1$	10	3	7	4	6
$F_4R_2T_1$	$F_4 = 55$	$R_2 = 200$	$T_1 = 1$	10	3	7	5	5
$F_4R_3T_1$	$F_4 = 55$	$R_3 = 300$	$T_1 = 1$	10	4	6	5	5
$F_4R_4T_1$	$F_4 = 55$	$R_4 = 400$	$T_1 = 1$	10	5	5	5	5
$F_4R_1T_2$	$F_4 = 55$	$R_1 = 100$	$T_2 = 2$	10	3	7	4	6
$F_4R_2T_2$	$F_4 = 55$	$R_2 = 200$	$T_2 = 2$	10	4	6	4	6
$F_4R_3T_2$	$F_4 = 55$	$R_3 = 300$	$T_2 = 2$	10	5	5	4	6
$F_4R_4T_2$	$F_4 = 55$	$R_4 = 400$	$T_2 = 2$	10	5	5	5	5
$F_4R_1T_3$	$F_4 = 55$	$R_1 = 100$	$T_3 = 3$	10	2	8	3	7
$F_4R_2T_3$	$F_4 = 55$	$R_2 = 200$	$T_3 = 3$	10	3	7	5	5
$F_4R_3T_3$	$F_4 = 55$	$R_3 = 300$	$T_3 = 3$	10	3	7	5	5
$F_4R_4T_3$	$F_4 = 55$	$R_4 = 400$	$T_3 = 3$	10	3	7	5	5
$F_4R_1T_4$	$F_4 = 55$	$R_1 = 100$	$T_4 = 4$	10	2	8	2	8
$F_4R_2T_4$	$F_4 = 55$	$R_2 = 200$	$T_4 = 4$	10	6	4	3	7
$F_4R_3T_4$	$F_4 = 55$	$R_3 = 300$	$T_4 = 4$	10	6	4	4	6
$F_4R_4T_4$	$F_4 = 55$	$R_4 = 400$	$T_4 = 4$	10	6	4	5	5

Tabel 5. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 40 kHz (Reflikasi II)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_1R_1T_1$	$F_1 = 40$	$R_1 = 100$	$T_1 = 1$	10	6	4	6	4
$F_1R_2T_1$	$F_1 = 40$	$R_2 = 200$	$T_1 = 1$	10	6	4	5	5
$F_1R_3T_1$	$F_1 = 40$	$R_3 = 300$	$T_1 = 1$	10	5	5	6	4
$F_1R_4T_1$	$F_1 = 40$	$R_4 = 400$	$T_1 = 1$	10	6	4	6	4
$F_1R_1T_2$	$F_1 = 40$	$R_1 = 100$	$T_2 = 2$	10	5	5	5	5
$F_1R_2T_2$	$F_1 = 40$	$R_2 = 200$	$T_2 = 2$	10	5	5	6	4
$F_1R_3T_2$	$F_1 = 40$	$R_3 = 300$	$T_2 = 2$	10	6	4	4	6
$F_1R_4T_2$	$F_1 = 40$	$R_4 = 400$	$T_2 = 2$	10	6	6	5	5
$F_1R_1T_3$	$F_1 = 40$	$R_1 = 100$	$T_3 = 3$	10	5	5	6	4
$F_1R_2T_3$	$F_1 = 40$	$R_2 = 200$	$T_3 = 3$	10	5	5	5	5
$F_1R_3T_3$	$F_1 = 40$	$R_3 = 300$	$T_3 = 3$	10	5	5	6	4
$F_1R_4T_3$	$F_1 = 40$	$R_4 = 400$	$T_3 = 3$	10	4	6	6	4
$F_1R_1T_4$	$F_1 = 40$	$R_1 = 100$	$T_4 = 4$	10	4	6	6	4
$F_1R_2T_4$	$F_1 = 40$	$R_2 = 200$	$T_4 = 4$	10	4	6	5	5
$F_1R_3T_4$	$F_1 = 40$	$R_3 = 300$	$T_4 = 4$	10	4	6	6	4
$F_1R_4T_4$	$F_1 = 40$	$R_4 = 400$	$T_4 = 4$	10	5	5	5	4

Tabel 6. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 45 kHz (Reflikasi II)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_2R_1T_1$	$F_2 = 45$	$R_1 = 100$	$T_1 = 1$	10	4	6	6	4
$F_2R_2T_1$	$F_2 = 45$	$R_2 = 200$	$T_1 = 1$	10	4	6	5	5
$F_2R_3T_1$	$F_2 = 45$	$R_3 = 300$	$T_1 = 1$	10	5	5	6	4
$F_2R_4T_1$	$F_2 = 45$	$R_4 = 400$	$T_1 = 1$	10	5	5	5	5
$F_2R_1T_2$	$F_2 = 45$	$R_1 = 100$	$T_2 = 2$	10	6	4	6	4
$F_2R_2T_2$	$F_2 = 45$	$R_2 = 200$	$T_2 = 2$	10	5	5	5	5
$F_2R_3T_2$	$F_2 = 45$	$R_3 = 300$	$T_2 = 2$	10	4	4	5	5
$F_2R_4T_2$	$F_2 = 45$	$R_4 = 400$	$T_2 = 2$	10	5	5	5	5
$F_2R_1T_3$	$F_2 = 45$	$R_1 = 100$	$T_3 = 3$	10	4	6	5	5
$F_2R_2T_3$	$F_2 = 45$	$R_2 = 200$	$T_3 = 3$	10	4	6	5	5
$F_2R_3T_3$	$F_2 = 45$	$R_3 = 300$	$T_3 = 3$	10	5	5	5	5
$F_2R_4T_3$	$F_2 = 45$	$R_4 = 400$	$T_3 = 3$	10	4	6	5	5
$F_2R_1T_4$	$F_2 = 45$	$R_1 = 100$	$T_4 = 4$	10	4	6	6	4
$F_2R_2T_4$	$F_2 = 45$	$R_2 = 200$	$T_4 = 4$	10	4	6	6	4
$F_2R_3T_4$	$F_2 = 45$	$R_3 = 300$	$T_4 = 4$	10	4	6	5	5
$F_2R_4T_4$	$F_2 = 45$	$R_4 = 400$	$T_4 = 4$	10	4	6	6	4

Tabel 7. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 50 kHz (Reflikasi II)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_3R_1T_1$	$F_3 = 50$	$R_1 = 100$	$T_1 = 1$	10	2	8	7	3
$F_3R_2T_1$	$F_3 = 50$	$R_2 = 200$	$T_1 = 1$	10	3	7	7	3
$F_3R_3T_1$	$F_3 = 50$	$R_3 = 300$	$T_1 = 1$	10	3	7	7	3
$F_3R_4T_1$	$F_3 = 50$	$R_4 = 400$	$T_1 = 1$	10	4	6	6	4
$F_3R_1T_2$	$F_3 = 50$	$R_1 = 100$	$T_2 = 2$	10	1	9	4	6
$F_3R_2T_2$	$F_3 = 50$	$R_2 = 200$	$T_2 = 2$	10	2	8	5	5
$F_3R_3T_2$	$F_3 = 50$	$R_3 = 300$	$T_2 = 2$	10	3	7	5	5
$F_3R_4T_2$	$F_3 = 50$	$R_4 = 400$	$T_2 = 2$	10	3	7	5	5
$F_3R_1T_3$	$F_3 = 50$	$R_1 = 100$	$T_3 = 3$	10	-	10	-	10
$F_3R_2T_3$	$F_3 = 50$	$R_2 = 200$	$T_3 = 3$	10	1	9	1	9
$F_3R_3T_3$	$F_3 = 50$	$R_3 = 300$	$T_3 = 3$	10	1	9	2	8
$F_3R_4T_3$	$F_3 = 50$	$R_4 = 400$	$T_3 = 3$	10	1	9	2	8
$F_3R_1T_4$	$F_3 = 50$	$R_1 = 100$	$T_4 = 4$	10	-	10	1	9
$F_3R_2T_4$	$F_3 = 50$	$R_2 = 200$	$T_4 = 4$	10	-	10	-	10
$F_3R_3T_4$	$F_3 = 50$	$R_3 = 300$	$T_4 = 4$	10	1	9	1	9
$F_3R_4T_4$	$F_3 = 50$	$R_4 = 400$	$T_4 = 4$	10	1	9	1	9

Tabel 8. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 55 kHz (Reflikasi II)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_4R_1T_1$	$F_4 = 55$	$R_1 = 100$	$T_1 = 1$	10	4	6	5	5
$F_4R_2T_1$	$F_4 = 55$	$R_2 = 200$	$T_1 = 1$	10	3	7	5	5
$F_4R_3T_1$	$F_4 = 55$	$R_3 = 300$	$T_1 = 1$	10	3	7	5	5
$F_4R_4T_1$	$F_4 = 55$	$R_4 = 400$	$T_1 = 1$	10	5	5	5	5
$F_4R_1T_2$	$F_4 = 55$	$R_1 = 100$	$T_2 = 2$	10	4	6	5	5
$F_4R_2T_2$	$F_4 = 55$	$R_2 = 200$	$T_2 = 2$	10	3	7	5	5
$F_4R_3T_2$	$F_4 = 55$	$R_3 = 300$	$T_2 = 2$	10	5	5	5	5
$F_4R_4T_2$	$F_4 = 55$	$R_4 = 400$	$T_2 = 2$	10	5	5	4	6
$F_4R_1T_3$	$F_4 = 55$	$R_1 = 100$	$T_3 = 3$	10	3	7	4	6
$F_4R_2T_3$	$F_4 = 55$	$R_2 = 200$	$T_3 = 3$	10	3	7	5	5
$F_4R_3T_3$	$F_4 = 55$	$R_3 = 300$	$T_3 = 3$	10	3	7	5	5
$F_4R_4T_3$	$F_4 = 55$	$R_4 = 400$	$T_3 = 3$	10	3	7	5	5
$F_4R_1T_4$	$F_4 = 55$	$R_1 = 100$	$T_4 = 4$	10	3	7	2	8
$F_4R_2T_4$	$F_4 = 55$	$R_2 = 200$	$T_4 = 4$	10	4	6	4	6
$F_4R_3T_4$	$F_4 = 55$	$R_3 = 300$	$T_4 = 4$	10	5	5	4	6
$F_4R_4T_4$	$F_4 = 55$	$R_4 = 400$	$T_4 = 4$	10	6	4	5	5

Tabel 9. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 40 kHz (Reflikasi III)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_1R_1T_1$	$F_1 = 40$	$R_1 = 100$	$T_1 = 1$	10	5	5	5	5
$F_1R_2T_1$	$F_1 = 40$	$R_2 = 200$	$T_1 = 1$	10	5	5	6	4
$F_1R_3T_1$	$F_1 = 40$	$R_3 = 300$	$T_1 = 1$	10	6	4	5	5
$F_1R_4T_1$	$F_1 = 40$	$R_4 = 400$	$T_1 = 1$	10	6	4	6	4
$F_1R_1T_2$	$F_1 = 40$	$R_1 = 100$	$T_2 = 2$	10	6	4	5	5
$F_1R_2T_2$	$F_1 = 40$	$R_2 = 200$	$T_2 = 2$	10	6	4	5	5
$F_1R_3T_2$	$F_1 = 40$	$R_3 = 300$	$T_2 = 2$	10	5	5	5	5
$F_1R_4T_2$	$F_1 = 40$	$R_4 = 400$	$T_2 = 2$	10	6	4	4	6
$F_1R_1T_3$	$F_1 = 40$	$R_1 = 100$	$T_3 = 3$	10	4	6	6	4
$F_1R_2T_3$	$F_1 = 40$	$R_2 = 200$	$T_3 = 3$	10	4	6	5	5
$F_1R_3T_3$	$F_1 = 40$	$R_3 = 300$	$T_3 = 3$	10	5	5	5	5
$F_1R_4T_3$	$F_1 = 40$	$R_4 = 400$	$T_3 = 3$	10	4	6	5	5
$F_1R_1T_4$	$F_1 = 40$	$R_1 = 100$	$T_4 = 4$	10	4	6	6	4
$F_1R_2T_4$	$F_1 = 40$	$R_2 = 200$	$T_4 = 4$	10	4	6	5	5
$F_1R_3T_4$	$F_1 = 40$	$R_3 = 300$	$T_4 = 4$	10	5	5	5	5
$F_1R_4T_4$	$F_1 = 40$	$R_4 = 400$	$T_4 = 4$	10	5	5	6	4

Tabel 10. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 45 kHz (Reflikasi III)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_2R_1T_1$	$F_2 = 45$	$R_1 = 100$	$T_1 = 1$	10	4	6	4	6
$F_2R_2T_1$	$F_2 = 45$	$R_2 = 200$	$T_1 = 1$	10	4	6	5	5
$F_2R_3T_1$	$F_2 = 45$	$R_3 = 300$	$T_1 = 1$	10	5	5	5	5
$F_2R_4T_1$	$F_2 = 45$	$R_4 = 400$	$T_1 = 1$	10	5	5	4	6
$F_2R_1T_2$	$F_2 = 45$	$R_1 = 100$	$T_2 = 2$	10	6	4	6	4
$F_2R_2T_2$	$F_2 = 45$	$R_2 = 200$	$T_2 = 2$	10	5	5	5	5
$F_2R_3T_2$	$F_2 = 45$	$R_3 = 300$	$T_2 = 2$	10	4	6	4	6
$F_2R_4T_2$	$F_2 = 45$	$R_4 = 400$	$T_2 = 2$	10	5	5	4	6
$F_2R_1T_3$	$F_2 = 45$	$R_1 = 100$	$T_3 = 3$	10	4	6	6	4
$F_2R_2T_3$	$F_2 = 45$	$R_2 = 200$	$T_3 = 3$	10	4	6	6	4
$F_2R_3T_3$	$F_2 = 45$	$R_3 = 300$	$T_3 = 3$	10	5	5	6	4
$F_2R_4T_3$	$F_2 = 45$	$R_4 = 400$	$T_3 = 3$	10	4	6	6	4
$F_2R_1T_4$	$F_2 = 45$	$R_1 = 100$	$T_4 = 4$	10	4	6	6	4
$F_2R_2T_4$	$F_2 = 45$	$R_2 = 200$	$T_4 = 4$	10	4	6	5	5
$F_2R_3T_4$	$F_2 = 45$	$R_3 = 300$	$T_4 = 4$	10	4	6	6	4
$F_2R_4T_4$	$F_2 = 45$	$R_4 = 400$	$T_4 = 4$	10	4	6	6	4

Tabel 11. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 50 kHz (Reflikasi III)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_3R_1T_1$	$F_3 = 50$	$R_1 = 100$	$T_1 = 1$	10	2	8	8	2
$F_3R_2T_1$	$F_3 = 50$	$R_2 = 200$	$T_1 = 1$	10	2	8	7	3
$F_3R_3T_1$	$F_3 = 50$	$R_3 = 300$	$T_1 = 1$	10	3	7	7	3
$F_3R_4T_1$	$F_3 = 50$	$R_4 = 400$	$T_1 = 1$	10	3	7	6	4
$F_3R_1T_2$	$F_3 = 50$	$R_1 = 100$	$T_2 = 2$	10	2	8	4	6
$F_3R_2T_2$	$F_3 = 50$	$R_2 = 200$	$T_2 = 2$	10	2	8	4	6
$F_3R_3T_2$	$F_3 = 50$	$R_3 = 300$	$T_2 = 2$	10	3	7	5	5
$F_3R_4T_2$	$F_3 = 50$	$R_4 = 400$	$T_2 = 2$	10	3	7	5	5
$F_3R_1T_3$	$F_3 = 50$	$R_1 = 100$	$T_3 = 3$	10	1	9	-	10
$F_3R_2T_3$	$F_3 = 50$	$R_2 = 200$	$T_3 = 3$	10	-	10	1	9
$F_3R_3T_3$	$F_3 = 50$	$R_3 = 300$	$T_3 = 3$	10	-	10	1	9
$F_3R_4T_3$	$F_3 = 50$	$R_4 = 400$	$T_3 = 3$	10	1	9	2	8
$F_3R_1T_4$	$F_3 = 50$	$R_1 = 100$	$T_4 = 4$	10	-	10	-	10
$F_3R_2T_4$	$F_3 = 50$	$R_2 = 200$	$T_4 = 4$	10	-	10	-	10
$F_3R_3T_4$	$F_3 = 50$	$R_3 = 300$	$T_4 = 4$	10	-	10	-	10
$F_3R_4T_4$	$F_3 = 50$	$R_4 = 400$	$T_4 = 4$	10	1	9	1	9

Tabel 12. Data Hasil Pengamatan Populasi Dan Pola Perilaku Makan Pasif Dan Gerak Pasif Belalang Kembara Saat Pemaparan Gelombang Ultrasonik Pada Frekuensi 55 kHz (Reflikasi III)

Bulan Pengamatan : Bulan Maret sampai bulan Mei 2004
Pelaksanaan Pengamatan : tiap selang 1 jam
Temperatur/Suhu Lab. : 28 ^{o} C
Kelembaban Lab : 90% - 92%
Jumlah Bel. Kembara : 10 ekor

Kode Sampel	Frekuensi (kHz)	Jarak sumber (cm)	Lama pemaparan (jam)	Pengaruh Langsung Saat Pemaparan				
				Jumlah Populasi (ekor)	Pola Perilaku			
					Pola Makan		Pola Gerak	
					aktif	pasif	aktif	pasif
$F_oR_oT_o$	$F_o = 0$	$R_o = 0$	$T_o = 0$	10	10		10	
$F_4R_1T_1$	$F_4 = 55$	$R_1 = 100$	$T_1 = 1$	10	3	7	4	6
$F_4R_2T_1$	$F_4 = 55$	$R_2 = 200$	$T_1 = 1$	10	4	6	5	5
$F_4R_3T_1$	$F_4 = 55$	$R_3 = 300$	$T_1 = 1$	10	4	6	5	5
$F_4R_4T_1$	$F_4 = 55$	$R_4 = 400$	$T_1 = 1$	10	5	5	5	5
$F_4R_1T_2$	$F_4 = 55$	$R_1 = 100$	$T_2 = 2$	10	3	7	4	6
$F_4R_2T_2$	$F_4 = 55$	$R_2 = 200$	$T_2 = 2$	10	4	6	4	6
$F_4R_3T_2$	$F_4 = 55$	$R_3 = 300$	$T_2 = 2$	10	5	5	4	6
$F_4R_4T_2$	$F_4 = 55$	$R_4 = 400$	$T_2 = 2$	10	6	4	5	5
$F_4R_1T_3$	$F_4 = 55$	$R_1 = 100$	$T_3 = 3$	10	2	8	4	6
$F_4R_2T_3$	$F_4 = 55$	$R_2 = 200$	$T_3 = 3$	10	3	7	4	6
$F_4R_3T_3$	$F_4 = 55$	$R_3 = 300$	$T_3 = 3$	10	3	7	4	6
$F_4R_4T_3$	$F_4 = 55$	$R_4 = 400$	$T_3 = 3$	10	3	7	4	6
$F_4R_1T_4$	$F_4 = 55$	$R_1 = 100$	$T_4 = 4$	10	2	8	2	8
$F_4R_2T_4$	$F_4 = 55$	$R_2 = 200$	$T_4 = 4$	10	5	5	3	7
$F_4R_3T_4$	$F_4 = 55$	$R_3 = 300$	$T_4 = 4$	10	5	5	4	6
$F_4R_4T_4$	$F_4 = 55$	$R_4 = 400$	$T_4 = 4$	10	5	5	5	5