

LAMPIRAN

Lampiran 1. Data Hasil Uji Normalitas

Case Processing Summary							
Jenis		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Jumlah_garis	Kontrol	19	100.0%	0	0.0%	19	100.0%
	Kelor 0.56	17	100.0%	0	0.0%	17	100.0%
	Kelor 1.12	18	100.0%	0	0.0%	18	100.0%
	Kelor 2.24	18	100.0%	0	0.0%	18	100.0%

Descriptives					Statistic	Std. Error
Jumlah_garis	Kontrol	Mean			3.89	.772
		95% Confidence Interval for Mean	Lower Bound		2.27	
			Upper Bound		5.52	
		5% Trimmed Mean			3.72	
		Median			4.00	
		Variance			11.322	
		Std. Deviation			3.365	
		Minimum			0	
		Maximum			11	
		Range			11	
		Interquartile Range			6	
		Skewness			.317	.524
		Kurtosis			-.749	1.014
	Kelor 0.56	Mean			2.35	.594
		95% Confidence Interval for Mean	Lower Bound		1.09	
			Upper Bound		3.61	
		5% Trimmed Mean			2.17	
		Median			2.00	
		Variance			5.993	
		Std. Deviation			2.448	
		Minimum			0	
		Maximum			8	
		Range			8	
		Interquartile Range			4	
		Skewness			1.071	.550
		Kurtosis			.576	1.063
	Kelor 1.12	Mean			1.61	.344
		95% Confidence Interval for Mean	Lower Bound		.88	
			Upper Bound		2.34	
		5% Trimmed Mean			1.57	

Descriptives				
Jenis		Statistic	Std. Error	
Kelor 2.24	Median	1.00		
	Variance	2.134		
	Std. Deviation	1.461		
	Minimum	0		
	Maximum	4		
	Range	4		
	Interquartile Range	3		
	Skewness	.518	.536	
	Kurtosis	-1.043	1.038	
	Mean	1.28	.311	
	95% Confidence Interval for Mean	Lower Bound	.62	
		Upper Bound	1.93	
	5% Trimmed Mean	1.20		
	Median	1.00		
	Variance	1.742		
	Std. Deviation	1.320		
	Minimum	0		
	Maximum	4		
	Range	4		
	Interquartile Range	2		
	Skewness	.977	.536	
	Kurtosis	.130	1.038	

Tests of Normality							
Jenis		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Jumlah_garis	Kontrol	.192	19	.063	.908	19	.069
	Kelor 0.56	.180	17	.144	.862	17	.016
	Kelor 1.12	.218	18	.024	.868	18	.017
	Kelor 2.24	.250	18	.004	.839	18	.006

Lampiran 2. Data Hasil Uji Mann – Whitney

Mann-Whitney Test

Ranks				
Kelompok		N	Mean Rank	Sum of Ranks
Jumlah_garis	Kontrol	63	66.15	4167.50
	Kelor 0.56	59	56.53	3335.50
Total		122		

Test Statistics ^a	
	Jumlah_garis
Mann-Whitney U	1565.500
Wilcoxon W	3335.500
Z	-1.520
Asymp. Sig. (2-tailed)	.128

Mann-Whitney Test

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
Jumlah_garis	Kontrol	63	72.43	4563.00
	Kelor 1.12	62	53.42	3312.00
	Total	125		

Test Statistics ^a	
	Jumlah_garis
Mann-Whitney U	1359.000
Wilcoxon W	3312.000
Z	-2.962
Asymp. Sig. (2-tailed)	.003

Mann-Whitney Test

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
Jumlah_garis	Kontrol	63	73.79	4648.50
	Kelor 2.24	61	50.84	3101.50
	Total	124		

Test Statistics ^a	
	Jumlah_garis
Mann-Whitney U	1210.500
Wilcoxon W	3101.500
Z	-3.626
Asymp. Sig. (2-tailed)	.000

Mann-Whitney Test

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
Jumlah_garis	Kelor 0.56	59	67.66	3992.00
	Kelor 1.12	62	54.66	3389.00
	Total	121		

Test Statistics ^a	
	Jumlah_garis
Mann-Whitney U	1436.000
Wilcoxon W	3389.000
Z	-2.076
Asymp. Sig. (2-tailed)	.038

Mann-Whitney Test

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
Jumlah_garis	Kelompok 0.56	59	69.96	4127.50
	Kelompok 2.24	61	51.35	3132.50
	Total	120		

Test Statistics ^a	
	Jumlah_garis
Mann-Whitney U	1241.500
Wilcoxon W	3132.500
Z	-2.996
Asymp. Sig. (2-tailed)	.003

Mann-Whitney Test

Ranks				
	Kelompok	N	Mean Rank	Sum of Ranks
Jumlah_garis	Kelompok 1.12	62	65.13	4038.00
	Kelompok 2.24	61	58.82	3588.00
	Total	123		

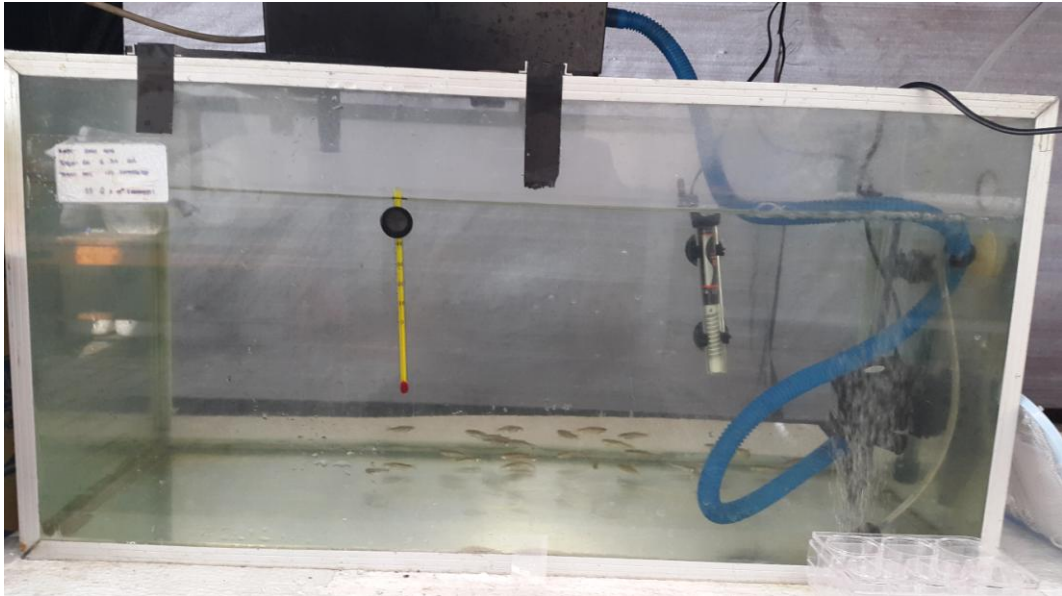
Test Statistics ^a	
	Jumlah_garis
Mann-Whitney U	1697.000
Wilcoxon W	3588.000
Z	-1.013
Asymp. Sig. (2-tailed)	.311

Lampiran 3. Hipotesis

Hypothesis Test Summary				
	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Jumlah_garis is the same across categories of Kelompok.	Independent-Samples Kruskal-Wallis Test	.000	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

Lampiran 4. Foto Perlakuan



Akuarium kapasitas 60L yang dilengkapi dengan termometer, filter, aerator, lampu, neon, dan heater



Proses menguras akuarium dilakukan setiap minggu sekali dengan teknik *siphon*



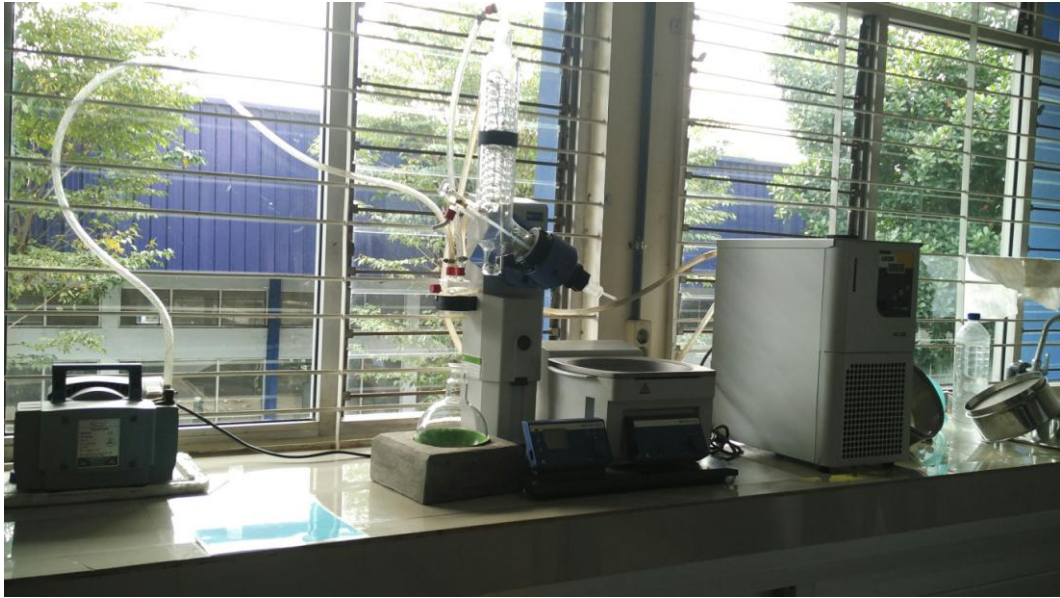
Jaring yang diletakkan di dasar akuarium berfungsi untuk mencegah ikan memakan telur. Tanaman hias diletakkan di atas jaring tersebut.



Telur yang telah memenuhi kriteria inklusi diletakkan ke dalam *well plate* 2x3



Telur dipisahkan dari kotoran dan debris dengan menggunakan pipet



Proses pembuatan dari daun kelor menjadi ekstrak



Proses pengenceran ekstrak daun kelor menggunakan mesin vortex