

LAMPIRAN

Lampiran 1



LABORATORIUM TAKSONOMI, STRUKTUR DAN
PERKEMBANGAN TUMBUHAN
JURUSAN BIOLOGI, FAKULTAS MIPA
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KETERANGAN IDENTIFIKASI

No. 0106/Takso.Identifikasi/03/2013

Kepala Laboratorium Taksonomi, Struktur dan Perkembangan Tumbuhan, Jurusan Biologi, Fakultas MIPA, Universitas Brawijaya, menerangkan bahwa spesimen yang dibawa oleh:

Nama : Ricko Putra Y (NIM. 105070400111015)

Instansi : Fakultas Kedokteran, Universitas Brawijaya

Berdasarkan deskripsi karakter dan kunci identifikasi pada Flora of Java (Backer dan Van den Brink, 1968), volume II, halaman 94, diidentifikasi sebagai:

Familia : Rutaceae
Genus : *Citrus*
Species : *Citrus aurantifolia* (Christm.) Swingle

Demikian surat keterangan identifikasi ini dibuat untuk digunakan seperlunya.

Malang, 5 September 2013

Kepala Laboratorium
Taksonomi, Struktur dan
Perkembangan Tumbuhan,

LABORATORIUM
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Lampiran 2

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Jumlah Koloni Bakteri	.085	28	.200*	.978	28	.805

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Correlations

Correlations

		Konsentrasi	Jumlah Koloni Bakteri
Konsentrasi	Pearson Correlation	1	-.563**
	Sig. (2-tailed)	.	.002
	N	28	28
Jumlah Koloni Bakteri	Pearson Correlation	-.563**	1
	Sig. (2-tailed)	.002	.
	N	28	28

** . Correlation is significant at the 0.01 level (2-tailed).

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.563 ^a	.317	.291	875.960

a. Predictors: (Constant), Konsentrasi

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	9280080	1	9280079.954	12.094	.002 ^a
	Residual	19949932	26	767305.068		
	Total	29230012	27			

a. Predictors: (Constant), Konsentrasi

b. Dependent Variable: Jumlah Koloni Bakteri



Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1437.340	186.752		7.697	.000
	Konsentrasi	-1122.407	322.744	-.563	-3.478	.002

a. Dependent Variable: Jumlah Koloni Bakteri

Oneway

Descriptives

Jumlah Koloni Bakteri									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
P1	4	.00	.000	.000	.00	.00	0	0	
P2	4	.00	.000	.000	.00	.00	0	0	
P3	4	774.25	94.894	47.447	623.25	925.25	643	869	
P4	4	1162.75	139.495	69.748	940.78	1384.72	1042	1357	
P5	4	1260.50	210.316	105.158	925.84	1595.16	960	1434	
P6	4	1594.25	486.727	243.364	819.76	2368.74	1059	2239	
KK	4	3165.25	160.776	80.388	2909.42	3421.08	3052	3394	
Total	28	1136.71	1040.477	196.632	733.26	1540.17	0	3394	

Test of Homogeneity of Variances

Jumlah Koloni Bakteri			
Levene Statistic	df 1	df 2	Sig.
1.105	6	21	.082

ANOVA

Jumlah Koloni Bakteri					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	28223664	6	4703943.952	98.160	.000
Within Groups	1006348	21	47921.333		
Total	29230012	27			



Post Hoc Tests

Multiple Comparisons

Dependent Variable: Jumlah Koloni Bakteri

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
P1	P2	.000	154.792	1.000	-503.20	503.20
	P3	-774.250*	154.792	.001	-1277.45	-271.05
	P4	-1162.750*	154.792	.000	-1665.95	-659.55
	P5	-1260.500*	154.792	.000	-1763.70	-757.30
	P6	-1594.250*	154.792	.000	-2097.45	-1091.05
	KK	-3165.250*	154.792	.000	-3668.45	-2662.05
P2	P1	.000	154.792	1.000	-503.20	503.20
	P3	-774.250*	154.792	.001	-1277.45	-271.05
	P4	-1162.750*	154.792	.000	-1665.95	-659.55
	P5	-1260.500*	154.792	.000	-1763.70	-757.30
	P6	-1594.250*	154.792	.000	-2097.45	-1091.05
	KK	-3165.250*	154.792	.000	-3668.45	-2662.05
P3	P1	774.250*	154.792	.001	271.05	1277.45
	P2	774.250*	154.792	.001	271.05	1277.45
	P4	-388.500	154.792	.206	-891.70	114.70
	P5	-486.250	154.792	.063	-989.45	16.95
	P6	-820.000*	154.792	.001	-1323.20	-316.80
	KK	-2391.000*	154.792	.000	-2894.20	-1887.80
P4	P1	1162.750*	154.792	.000	659.55	1665.95
	P2	1162.750*	154.792	.000	659.55	1665.95
	P3	388.500	154.792	.206	-114.70	891.70
	P5	-97.750	154.792	.995	-600.95	405.45
	P6	-431.500	154.792	.125	-934.70	71.70
	KK	-2002.500*	154.792	.000	-2505.70	-1499.30
P5	P1	1260.500*	154.792	.000	757.30	1763.70
	P2	1260.500*	154.792	.000	757.30	1763.70
	P3	486.250	154.792	.063	-16.95	989.45
	P4	97.750	154.792	.995	-405.45	600.95
	P6	-333.750	154.792	.359	-836.95	169.45
	KK	-1904.750*	154.792	.000	-2407.95	-1401.55
P6	P1	1594.250*	154.792	.000	1091.05	2097.45
	P2	1594.250*	154.792	.000	1091.05	2097.45
	P3	820.000*	154.792	.001	316.80	1323.20
	P4	431.500	154.792	.125	-71.70	934.70
	P5	333.750	154.792	.359	-169.45	836.95
	KK	-1571.000*	154.792	.000	-2074.20	-1067.80
KK	P1	3165.250*	154.792	.000	2662.05	3668.45
	P2	3165.250*	154.792	.000	2662.05	3668.45
	P3	2391.000*	154.792	.000	1887.80	2894.20
	P4	2002.500*	154.792	.000	1499.30	2505.70
	P5	1904.750*	154.792	.000	1401.55	2407.95
	P6	1571.000*	154.792	.000	1067.80	2074.20

*. The mean difference is significant at the .05 level.

Homogeneous Subsets

Jumlah Koloni Bakteri

Tukey HSD^a

Kelompok	N	Subset for alpha = .05			
		1	2	3	4
P1	4	.00			
P2	4	.00			
P3	4		774.25		
P4	4		1162.75	1162.75	
P5	4		1260.50	1260.50	
P6	4			1594.25	
KK	4				3165.25
Sig.		1.000	.063	.125	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Means Plots

