The GLIMMIX Procedure

Model Information	
Data Set	WORK.BEERICHNESS_YEAR1
Response Variable	TotalSpeciesRichness
Response Distribution	Poisson
Link Function	Log
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Residual PL
Degrees of Freedom Method	Satterthwaite

Class Level Information		
Class	**Levels**	**Values**
Site	10	Bowman Cretsinger Elkader Greving Kaldenberg McClellan NealSmith Plunkett Sheller Sloan

Number of Observations Read	10
Number of Observations Used	10

Dimensions	
G-side Cov. Parameters	1
Columns in X	2
Columns in Z	10
Subjects (Blocks in V)	1
Max Obs per Subject	10

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Starting From	Data

Iteration History					
Iteration	**Restarts**	**Subiterations**	**Objective Function**	**Change**	**Max Gradient**
0	0	1	1.1720924752	2.00000000	46.21496
1	0	0	1.2921478191	0.00006034	44.90823
2	0	0	1.2950583283	0.00000001	44.85872

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Convergence criterion (PCONV=1.11022E-8) satisfied.

Estimated G matrix is not positive definite.

Fit Statistics	
-2 Res Log Pseudo-Likelihood	1.30
Generalized Chi-Square	6.20
Gener. Chi-Square / DF	0.78

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Site	1.08E-19	.

Solutions for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept	2.9179	0.1044	1	27.96	0.0228
PercentCover	0.09739	0.01344	1	7.25	0.0873

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
PercentCover	1	1	52.49	0.0873

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Conditional Studentized Residuals