

Results	Method	Location_ToL	Location_Cyanobacteria	
	Bayesian Binary Method	terrestrial	freshwater (legend)	
	BayesTraits	terrestrial	NA	
	Simmap_ER	terrestrial	freshwater	
	Simmap_ARD	terrestrial	terrestrial	
	Simmap_SYM	matrine_shallow	freshwater	
	DIVA	NA	freshwater (legend)	
	DEC	NA	freshwater	
	BayArea	NA	freshwater+marine+terrestrial	
	sMap	terrestrial	terrestrial	
Legend_ToL	Label	Location		
	A	host associated		
	B	marine_deep		
	C	marie_shallow		
	D	terrestrial		
	E	ungrouped		
Legend_Cyanobacteria	Label	Location		
	A	Fresh		
	B	Intertidal		
	C	Marine		
	D	Brakish		
	E	Terrestrial		