TABLE 5. Statistical comparison of geographic range sizes in taxonomic groups across all sequences. (1) Geographic ranges of Maysvillian restricted versus carryover taxa; (2) Maysvillian versus Richmondian range sizes of carryover taxa; (3) Geographic range sizes of invader taxa versus carryover taxa in the Richmondian; (4) Geographic ranges of Maysvillian carryover species versus native descendant species. Analyses were conducted by defining Strophomena species as either native or invasive as indicated in text. Blocks color coded by statistical significance.

1. Geographic range of Maysvillian restricted versus carryover taxa

	Species: Area	Species: Linear	Genus: Area	Genus: Linear
Strophomena native	**<0.001**	**0.005**	**0.037**	0.096
Strophomena invasive	**<0.001**	**0.005**	**0.004**	**0.021**

2. Maysvillian versus Richmondian range size of carryover taxa

	Species: Area	Species: Linear	Genus: Area	Genus: Linear
Strophomena native	0.130	0.064	0.430	0.389
Strophomena invasive	0.130	0.064	0.408	0.316

3. Geographic range size of invader taxa versus carryover taxa in the Richmondian

	Species: Area	Species: Linear	Genus: Area	Genus: Linear
Strophomena native	0.136	0.441	**0.006**	0.063
Strophomena invasive	**0.041**	0.200	**0.002**	**0.025**

4. Geographic ranges of Maysvillian carryover taxa versus native descendant species

	Species: Area	Species: Linear
Strophomena native	**0.007**	**0.025**
Strophomena invasive	**0.021**	**0.044**

p ≤ 0.050	p ≤ 0.100