

Amino acid profile and percentage composition of two sub-samples taken from each of two *Levuana iridescens* cocoon clusters that are curated at the Entomology Museum, University of California Riverside. Orange tortrix, *Argyrotaenia citrana* (Fernald), and codling moth, *Cydia pomonella* L., comparisons are provided for the four amino acids found in *L. iridescens* cocoons.

Amino Acid	Levuana Cocoon Sample 1		Levuana Cocoon Sample 2		Orange tortrix	Codling moth
	% Compostion Subsample	% Compostion Subsample	% Compostion Subsample	% Compostion Subsample	% Compostion	% Compostion
	1	2	1	2		
Aspartic acid & Asparagine	7.84	7.80	7.82	8.16	6	8
Threonine	2.35	2.43	2.11	2.06		
Serine	25.81	25.22	24.50	25.22	8	9
Glutamic acid & Glutamine	4.05	4.14	3.65	3.50		
Glycine	27.83	27.87	29.24	29.20	25	25
Alanine	19.85	19.80	20.83	20.63	8	17
Cysteine	0	0	0	0		
Valine	1.83	1.90	1.60	1.52		
Methionine	0	0	0	0		
Isoleucine	1.62	1.73	1.69	1.51		
Leucine	3.53	3.64	3.45	3.24		
Tyrosine	2.72	2.63	2.96	2.91		
Phenylalanine	0.52	0.59	0.36	0.33		
Lysine	0	0	0	0		
Arginine	0.55	0.62	0.52	0.48		
Proline	1.53	1.62	1.25	1.24	18	17