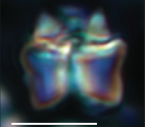






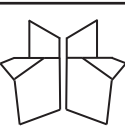




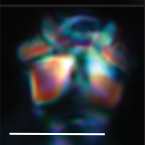
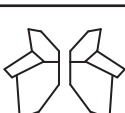




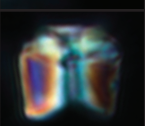



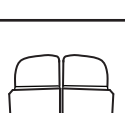

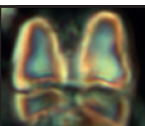
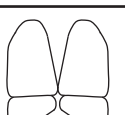



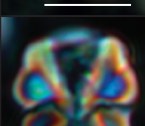
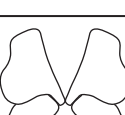



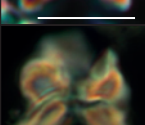
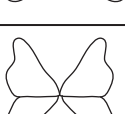



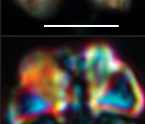
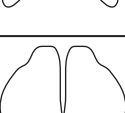

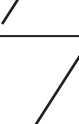
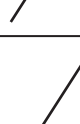
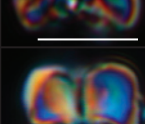
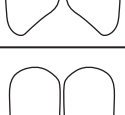




<i>Lithoptychius</i>			COLUMN			COLLARET		CALYPTRA/ TECTUM/ BIRETTA			CENTRAL CANAL
			Shape/Sides	Distal surface	Width (W)/ Height (H)	Width	Thickness	Shape	Width	Lower/ Outer cycl.	
<i>L. chowii</i>			flaring or with a narrowing	flat	W less than H	restricted visible at 45°	thin	dome ≈ half of column	within the column		narrow
<i>L. collaris</i>			parallel to flaring	convex	W less than H	strong extended	prominent	dome	within the column		narrow
<i>L. felis</i>			parallel to slightly flaring	convex	W greater than H	slightly extended	prominent	truncated cone	within the column		narrow
<i>L. galeottii</i>			slightly flaring	flat	W less than H	slightly extended visible at 45°	thin	dome	within the column		narrow
<i>L. schmitzii</i>			slightly flaring	convex	W greater than H	strong extended	prominent	low and open cylinder	within the column		wide 1/3 of the column
<i>L. maioranae</i>			slightly flaring	flat	W greater than H	slightly extended	thin	wide and open cylinder	within the column		wide
<i>L. ulii</i>			parallel	flat	W less than H	restricted	thin	dome	within the column		narrow
						Not resolvable					
<i>L. varoli</i>			parallel	flat	W greater than H	restricted	thin	dome	column ≈ calyptra		narrow
<i>Diantholitha</i>			COLUMN			COLLARET		CALYPTRA/ TECTUM/ BIRETTA			CENTRAL CANAL
			Shape/Sides	Distal surface	Width (W)/ Height (H)	Width	Thickness	Shape	Height	Lower/ Outer cycl.	
<i>D. alata</i>			vertical	flat	W greater than H			rectangular	biretta twice of column	Not resolvable	
<i>D. magnolia</i>			slightly bowed sides	flat	W greater than H			flower	biretta 1/2 to twice of column	Not resolvable	
<i>D. mariposa</i>			vertical	flat	W greater than H			butterfly	biretta = column	Not resolvable	
<i>D. pilula</i>			vertical	flat	W greater than H			rosebud	biretta ≈ twice of column	Not resolvable	
<i>D. toquea</i>			vertical	flat	W greater than H			round - oval	biretta around twice the column	Absent	