

KINGDOM	PHYLUM	MONERA										PROTOCTISTA										FUNGI		ANIMALIA										PLANTAE		
		DINOFLAGELLATA	HAPTOPHYTA	BACILLARIOPHYTA	PHAEOPHYTA	RHODOPHYTA	CHLOROPHYTA	ZYGNEMATOPHYTA	RHIZOPODEA	SIPHONOPHYTA	CHAROPHYTA	HELIOZOATA	RADIOLARIATA	FORAMINIFERA	MIXOMYCOTA	GLIOPHORA	BASIDIOMYCOTA	DEUTEROMYCOTA	PORIFERA	COELENTERATA	PLATYHELMINTHES	ECTOPROCTA	BRACHIOPODA	ANNELIDA	MOLLUSCA	ARTHROPODA	SIPUNCULA	ECHINODERMATA	CHORDATA	BRYOPHYTA	TRACHEOPHYTA					
CARBONATES:																																				
	CALCITE	+	+	+					+	+					+	+														+		+				
	ARAGONITE	+	?	+	+				+						+																+		+			
	VATERITE				+																												+			
	MONOHYDROCALCITE	+																																		
	AMORPH. HYDR. CARB.														+					+																
PHOSPHATES:																																				
	DAHLLITE	+														+	+																	?		
	FRANCOLITE																						+	+												
	$Co_3Mg_3(PO_4)_4$																							+												
	BRUSHITE																																			
	AMORPH. DAHLLITE PRECURSOR																																			
	AMORPH. BRUSHITE PRECURSOR																																			
	AMORPH. WHITLOCKITE PRECURSOR																																			
	AMORPH. HYDR. FERRIC PHOSPHATE																																			
HALIDES:																																				
	FLUORITE																																			
	AMORPH. FLUORITE PRECURSOR																																			
OXALATES:																																				
	WHEWELLITE																																			
	WEDDELITE																																			
SULFATES:																																				
	GYPSUM																																			
	CELESTITE																																			
	BARITE																																			
SILICA:																																				
	OPAL																																			
Fe-OXIDES:																																				
	MAGNETITE	+																																		
	MAGHEMITE	?																																		
	GOETHITE																																			
	LEPIDOCROCITE																																			
	FERRIHYDRITE	+																																		
	AMORPH. FERRIHYDRATES																																			
Mn-OXIDES:																																				
	"TODOROKITE"	+																																		
Fe-SULFIDES:																																				
	PYRITE	+																																		
	HYDROTROILITE	+																																		

Fig. 1. Diversity and phylum distribution of biomineralization products in extant organisms.