

Online resource S2

Boring bryozoans: An investigation into the endolithic bryozoan family Penetrantiidae

Organisms Diversity & Evolution

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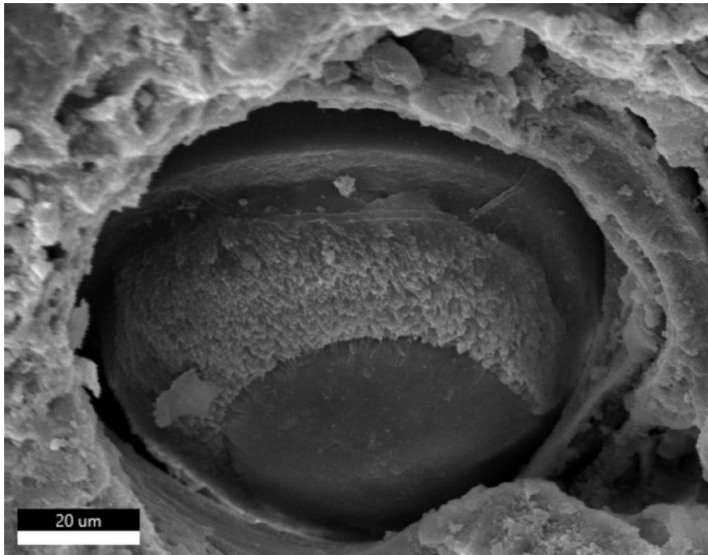
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Penetrantia

Author: CIUS EM - Lab
Creation: 05/31/2021 9:41:03 AM
Sample Name: JT20

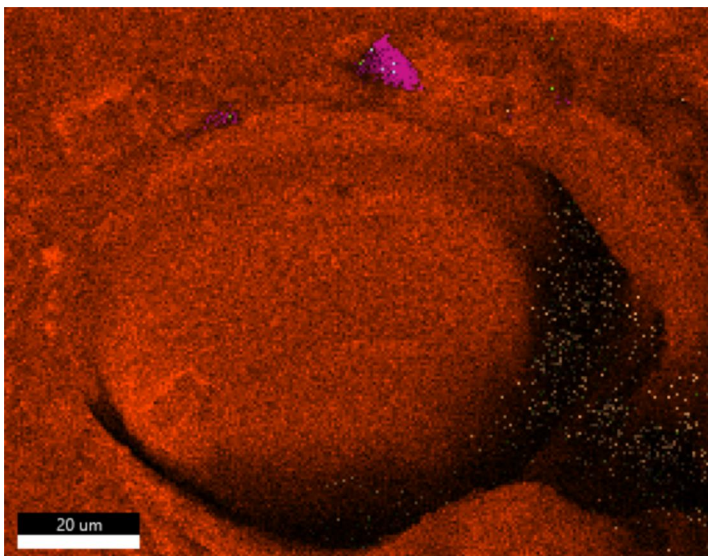
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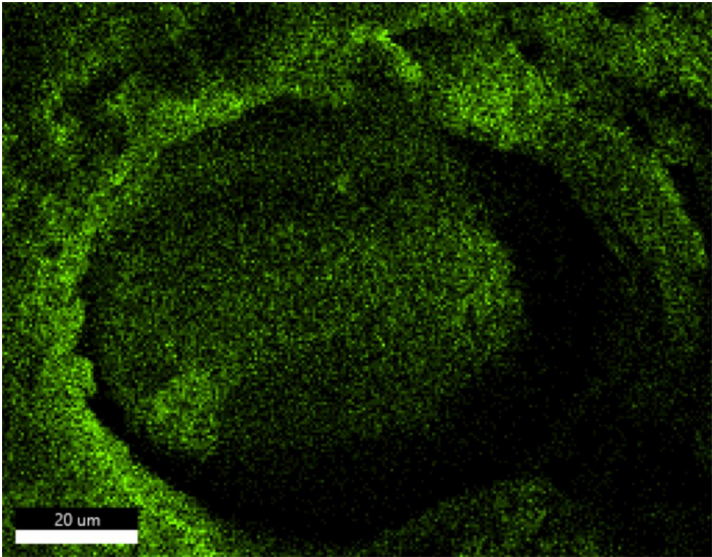
Image

Live Map 1

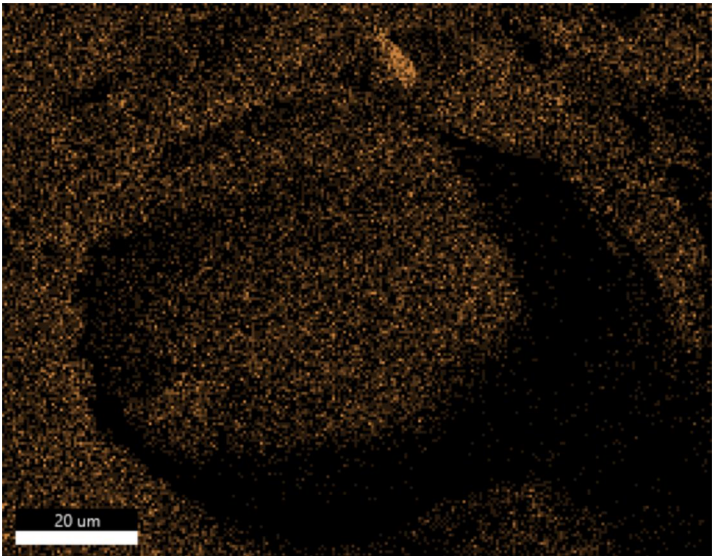
ElementOverlay



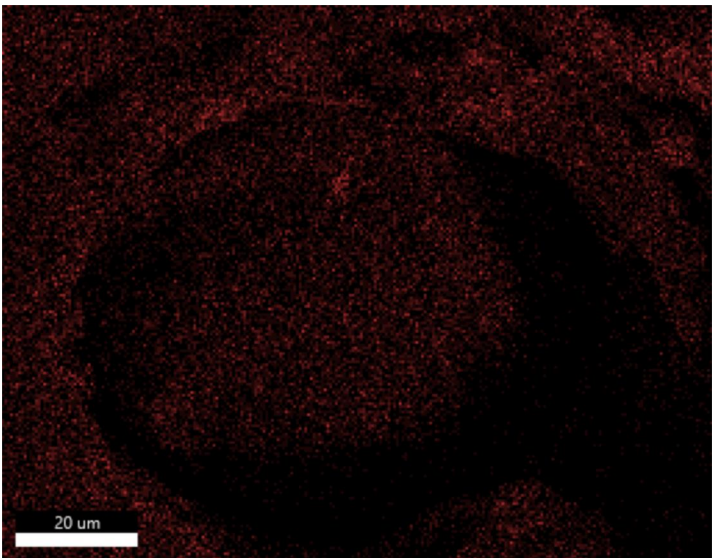
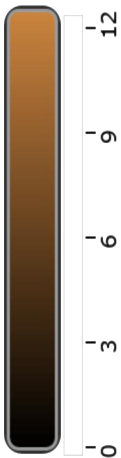
5% O K
2% Na K
2% Mg K
2% Al K
3% Si K
2% Cl K
71% Ca K
3% Fe K
10% Au L



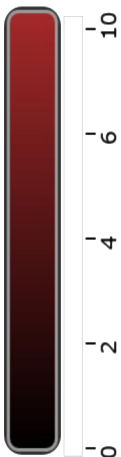
O K_ROI (20)

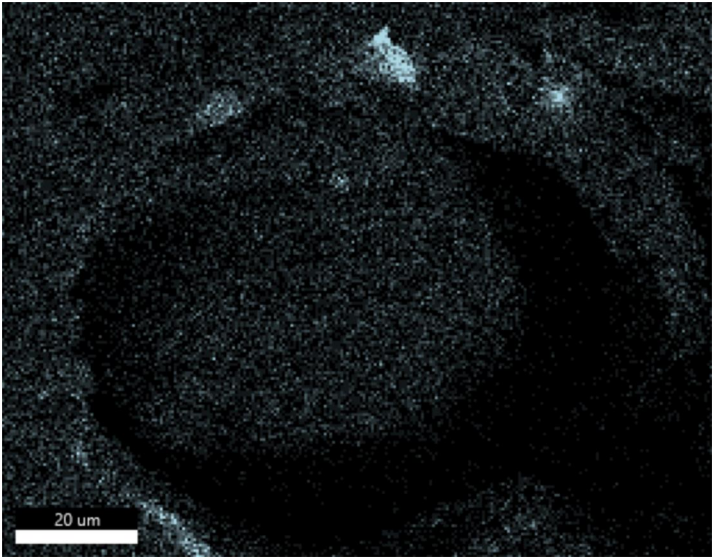


Na K_ROI (12)

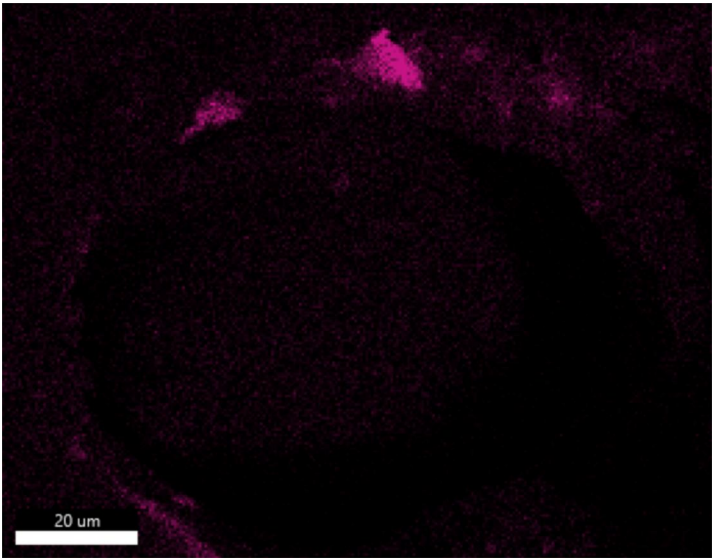


Mg K_ROI (10)

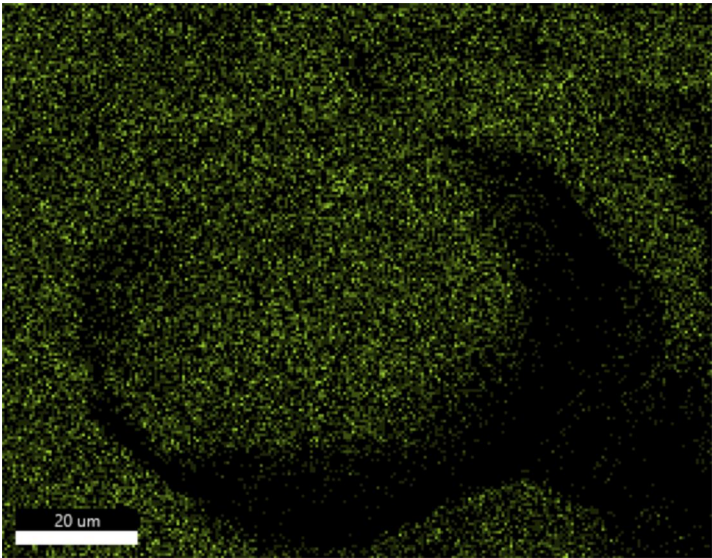
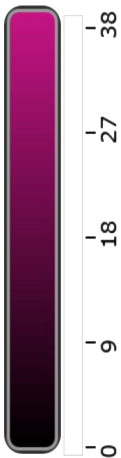




Al K_ROI (20)

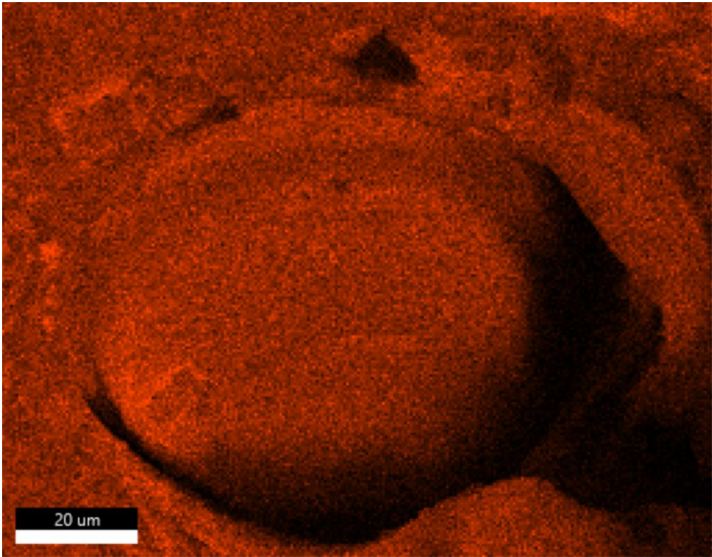


Si K_ROI (38)

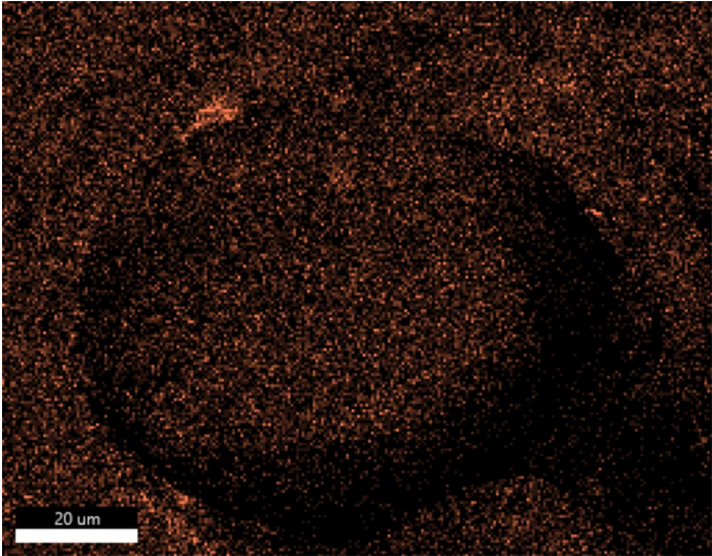
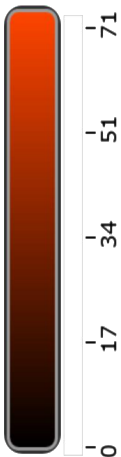


Cl K_ROI (10)

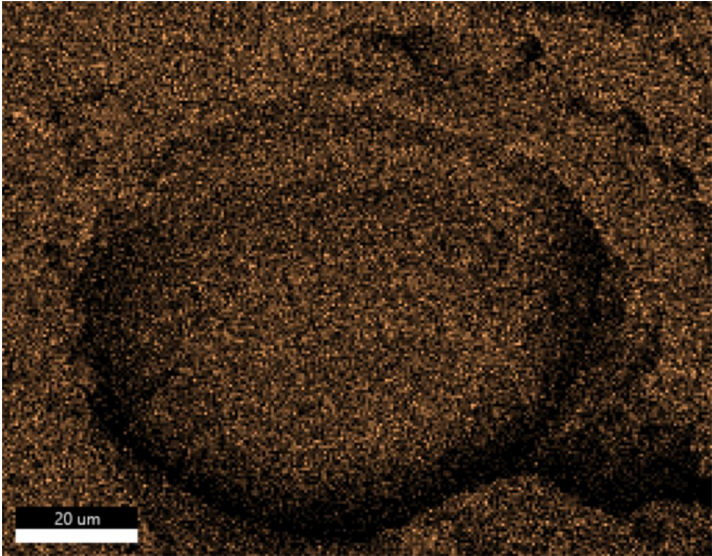
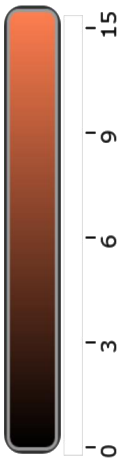




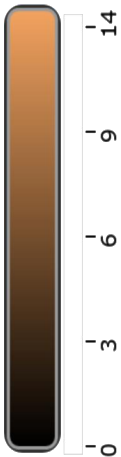
CaK_ROI (71)



Fe K_ROI (15)



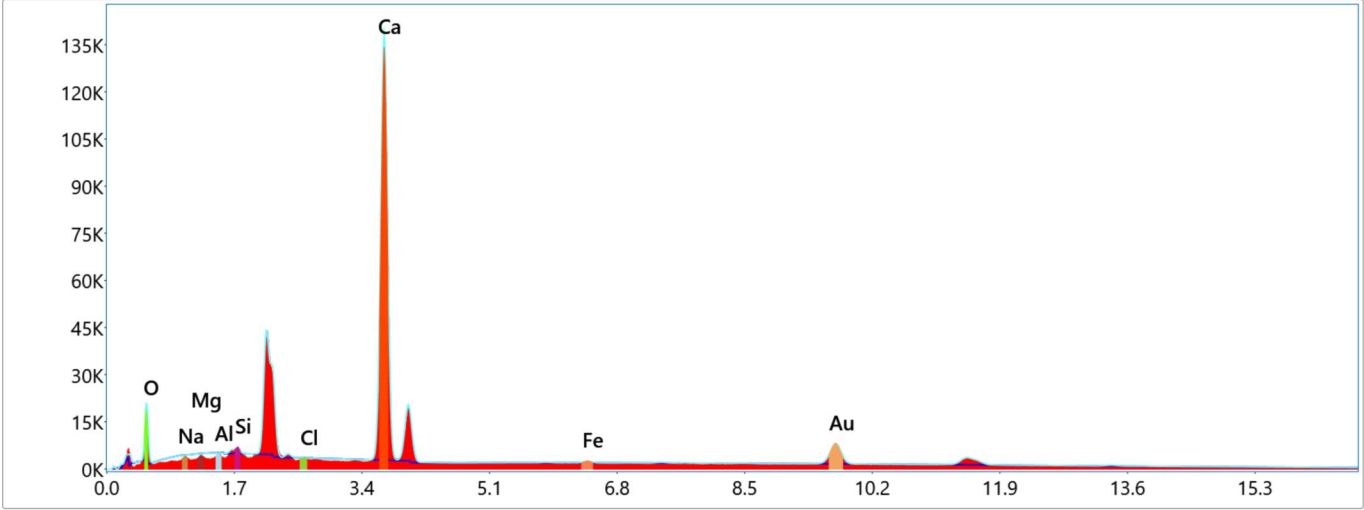
AuL_ROI (14)



kV: 25 Mag: 1100 Takeoff: 35 Live Time(s): 227.8 Amp Time(μs): 3.84 Resolution:(eV) 126.8

Sum Spectrum

Elemental Peaks (from left to right):



Det: Octane Plus

eZAF Quant Result - Analysis Uncertainty: 6.15 %

Element	Weight %	MDL	Atomic %	Net Int.	Error %	R	A	F
O K	34.00	0.30	65.32	436.08	10.87	0.8209	0.0410	1.0000
Na K	0.00	0.00	0.00	0.00	99.99	0.8380	0.1332	1.0043
Mg K	0.00	0.00	0.00	0.00	99.99	0.8435	0.2213	1.0069
Al K	0.00	0.00	0.00	0.00	99.99	0.8487	0.3303	1.0112
Si K	0.32	0.03	0.35	68.70	9.71	0.8536	0.4483	1.0168
Cl K	0.00	0.00	0.00	0.63	88.52	0.8675	0.5581	1.0318
Ca K	39.22	0.04	30.08	6539.88	3.77	0.8805	0.7262	1.0193
Fe K	0.29	0.08	0.16	30.15	11.90	0.9045	0.8619	1.1009
Au L	26.17	0.45	4.08	524.41	3.42	0.9405	0.9644	1.0353