

# Spectroscopy and microscopy of microbial mats in the Ojos del Salado area, Chile

A (POSSIBLE) ANALOGUE ENVIRONMENT  
FOR HABITATS ON EARLY MARS

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5. Universidad de Atacama, 6. Universiteit Leiden

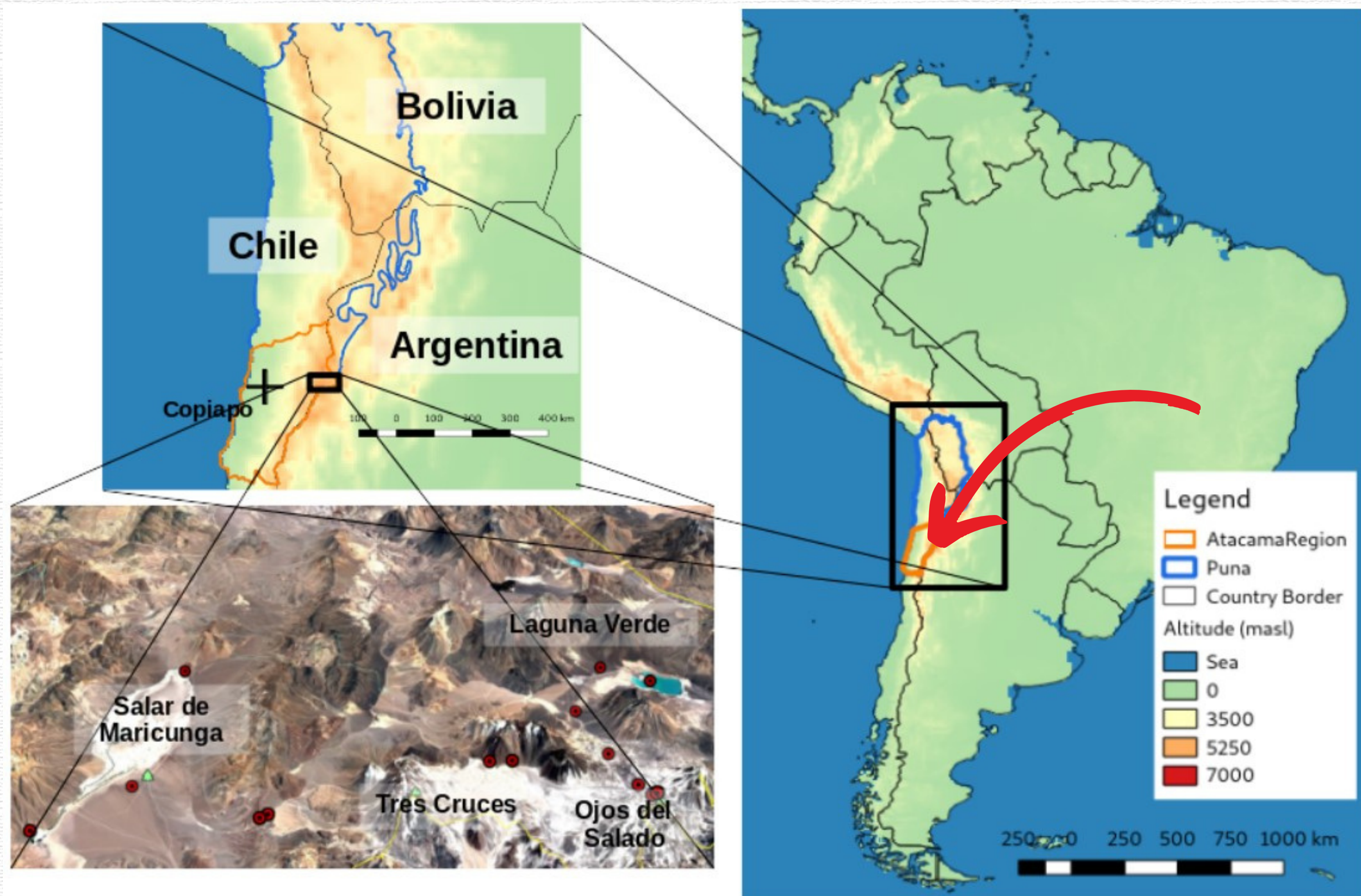




# Raman spectroscopy in Mars exploration









**PENAS BLANCAS RIVER**

**SALAR DE  
MARICUNGA**

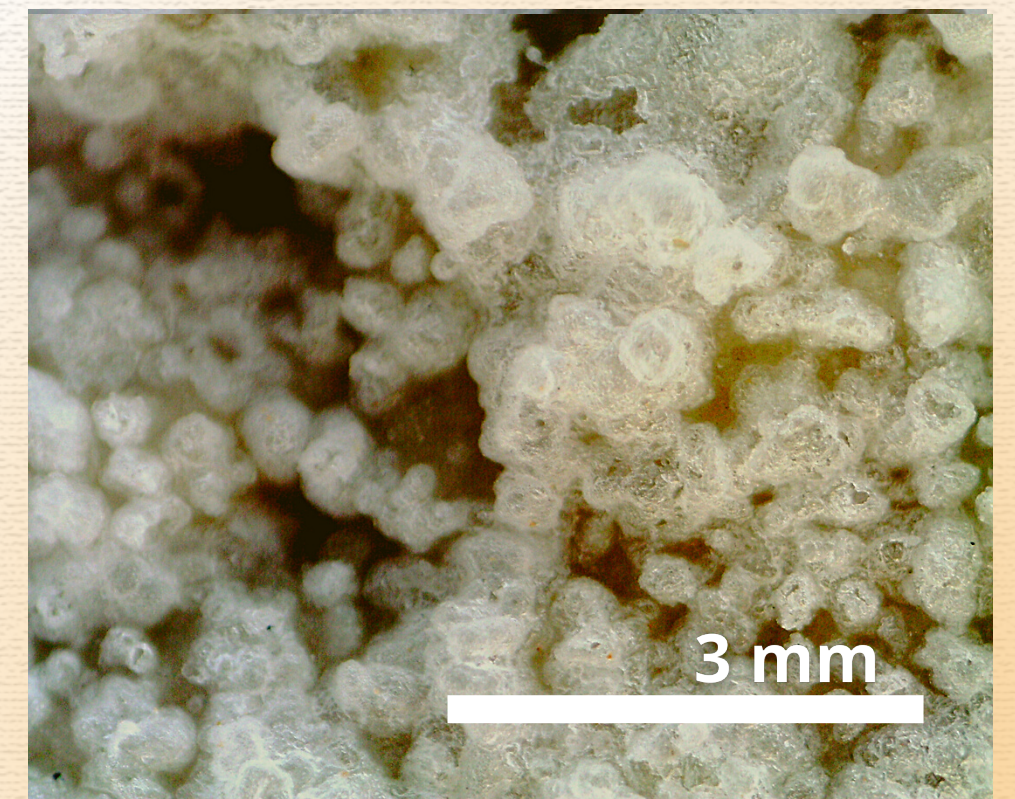
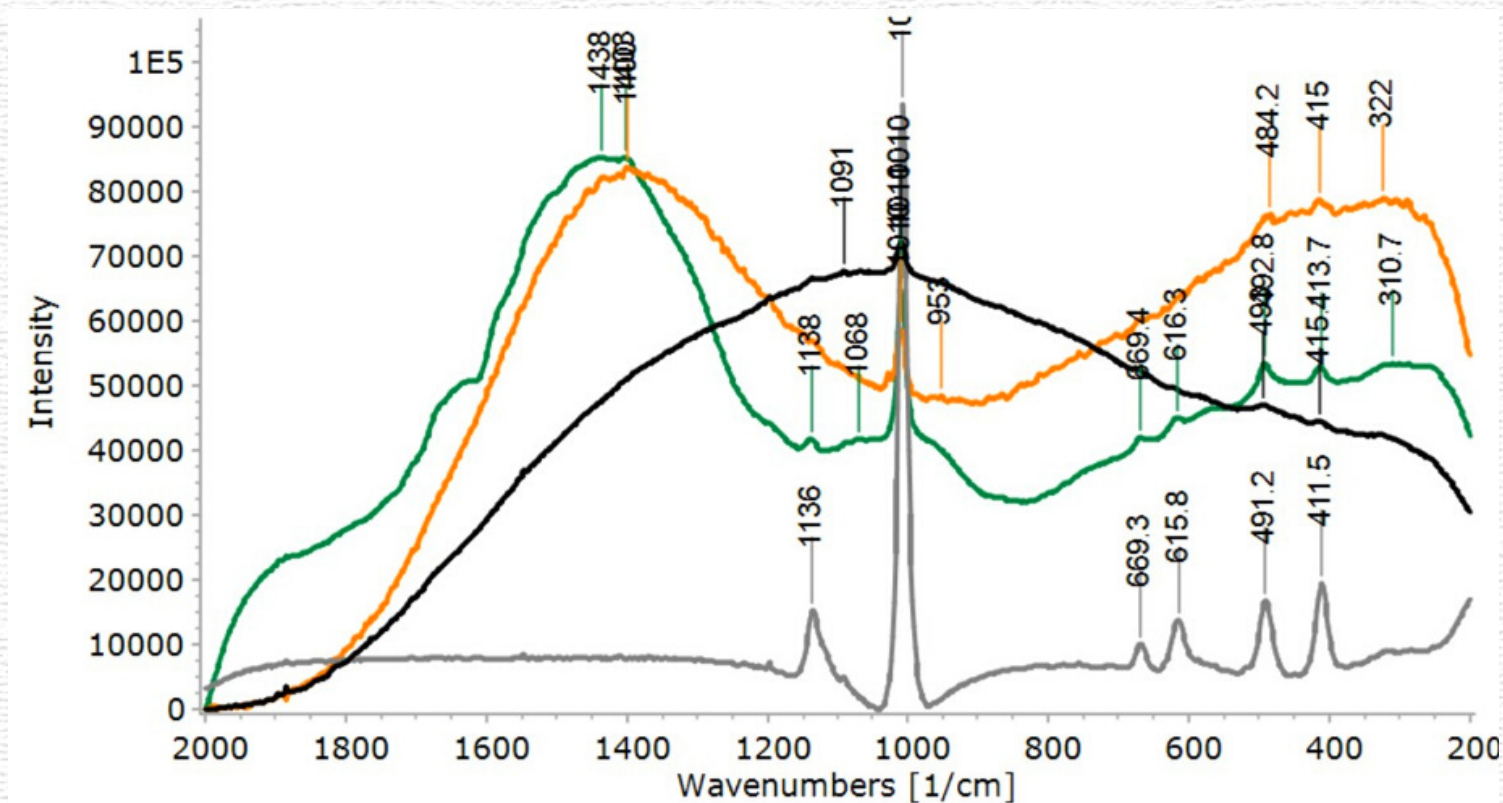
**LAGUNA VERDE**

**OJOS DEL SALADO  
VOLCANO**



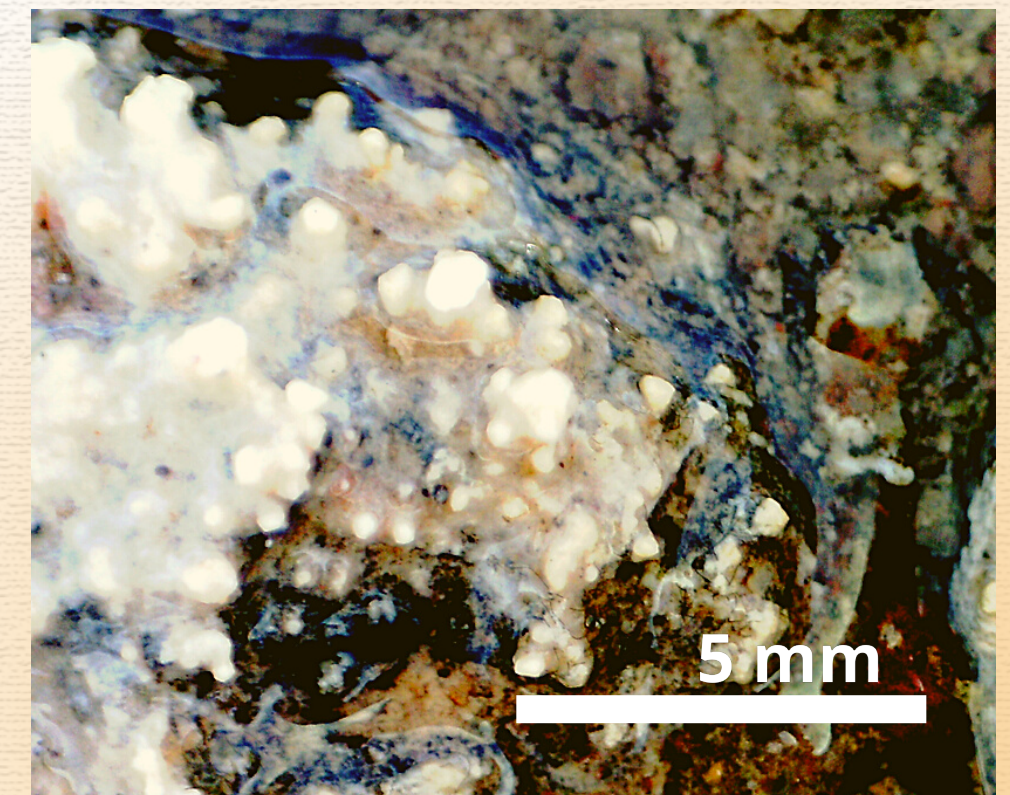
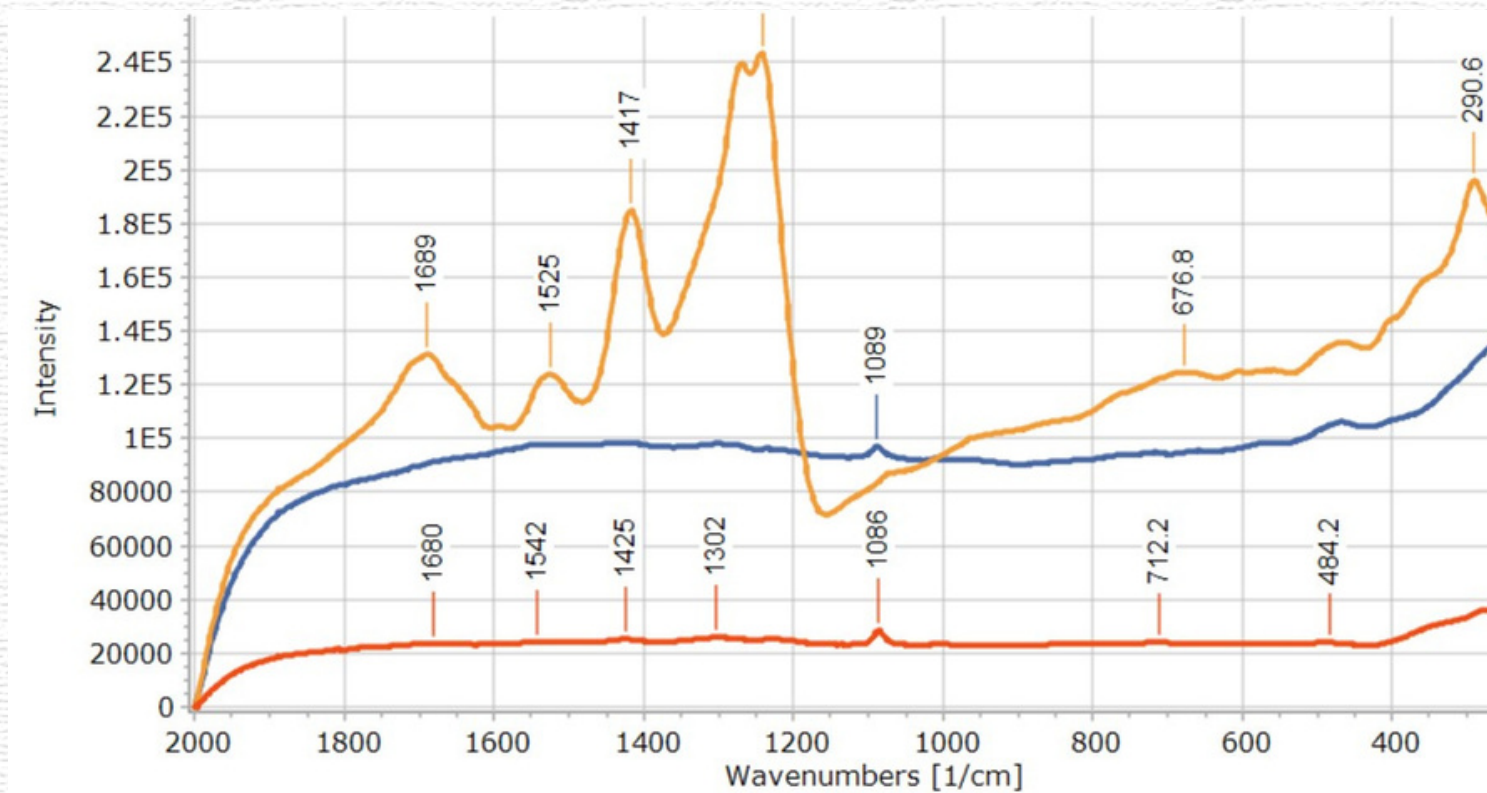


# Endoevaporites at the Salar de Maricunga, South



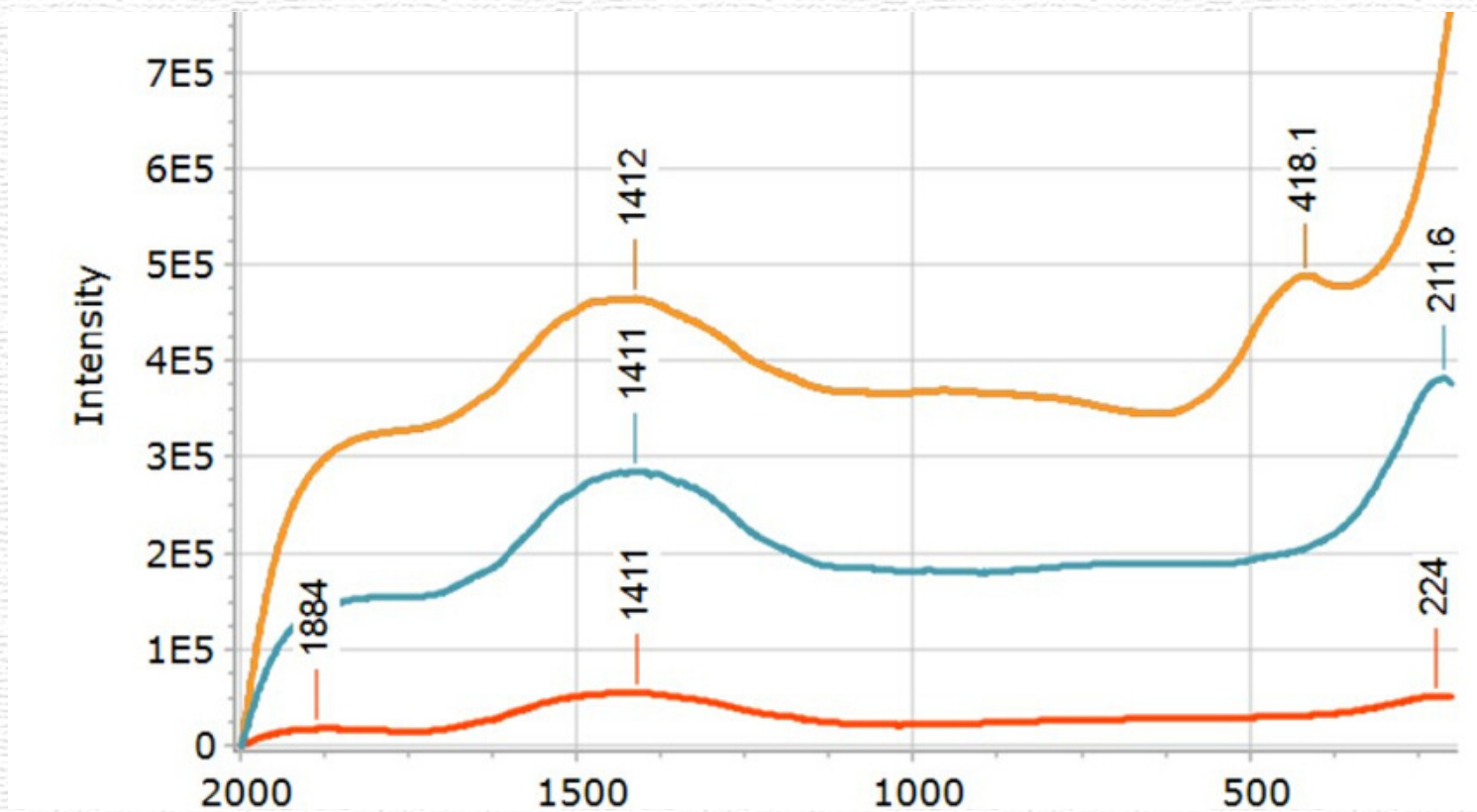


# Microbialites at the Salar de Maricunga, North



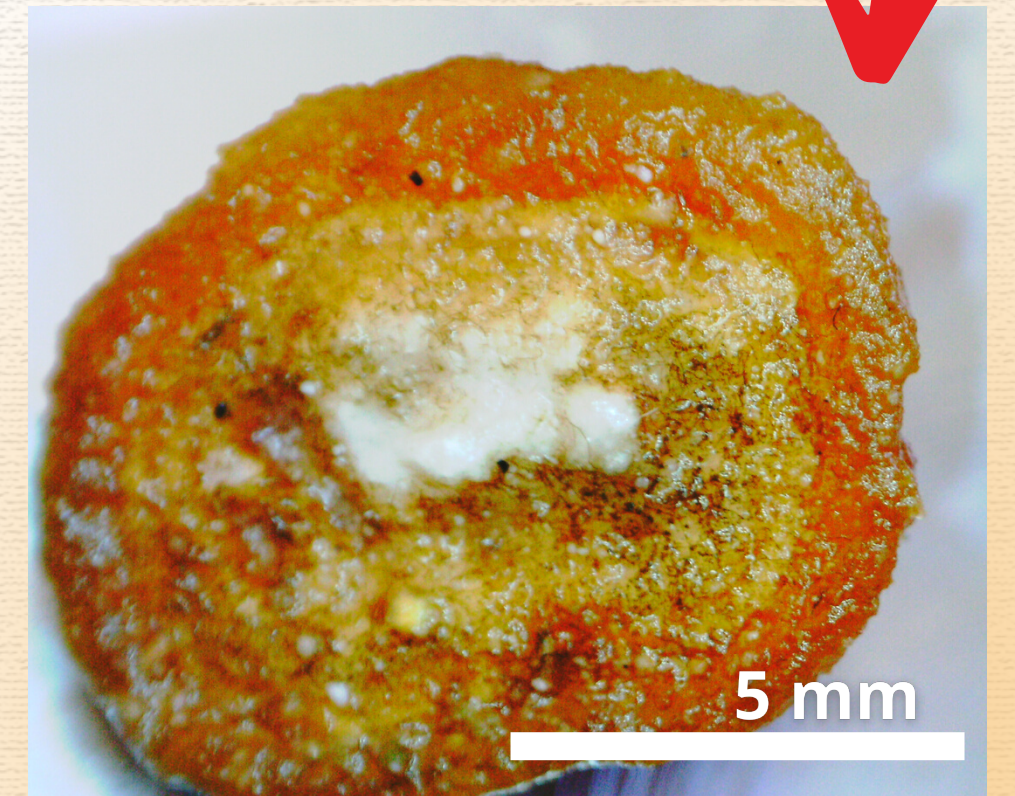
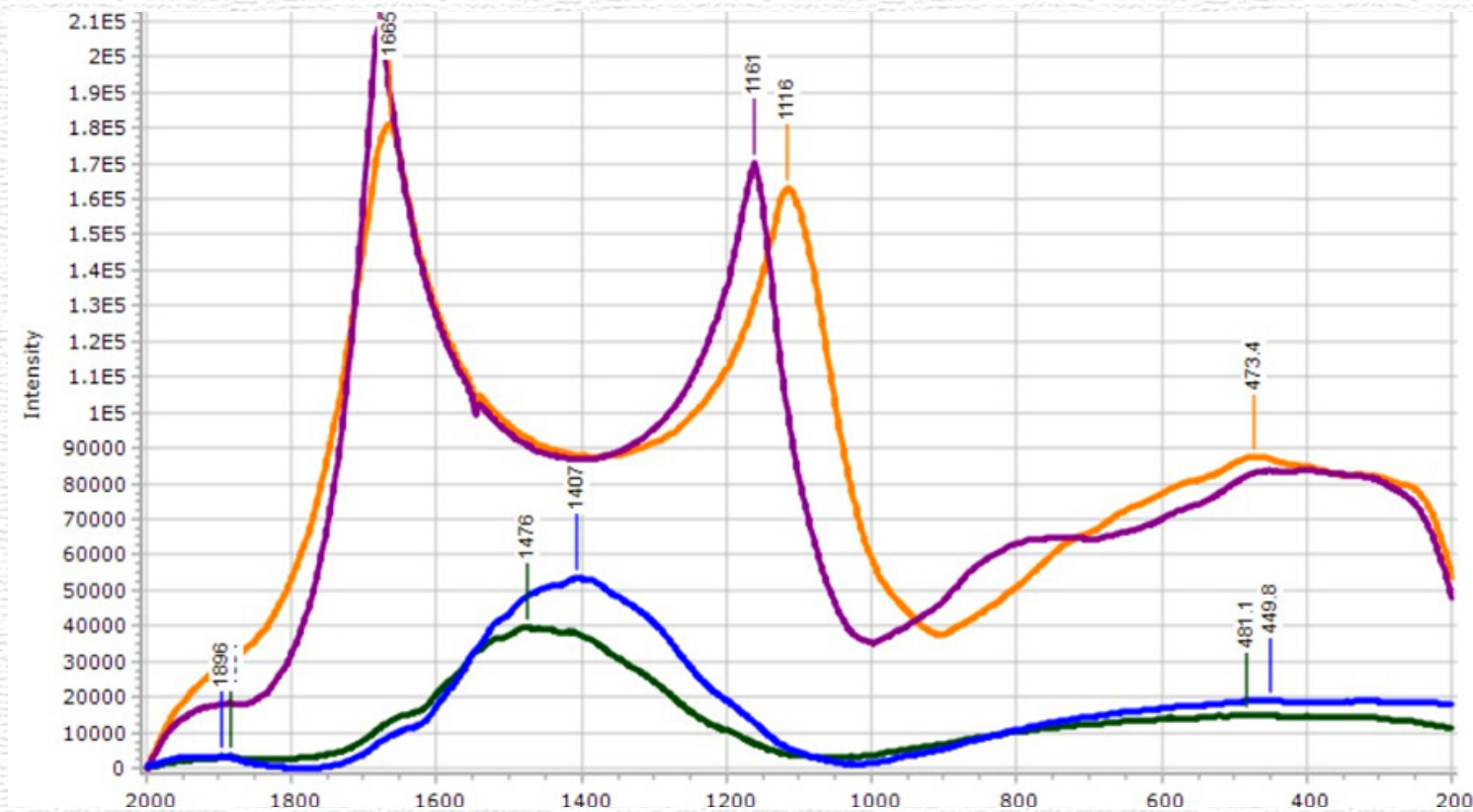


# Penas Blancas river and tributary





# Microbial mats, Laguna Verde



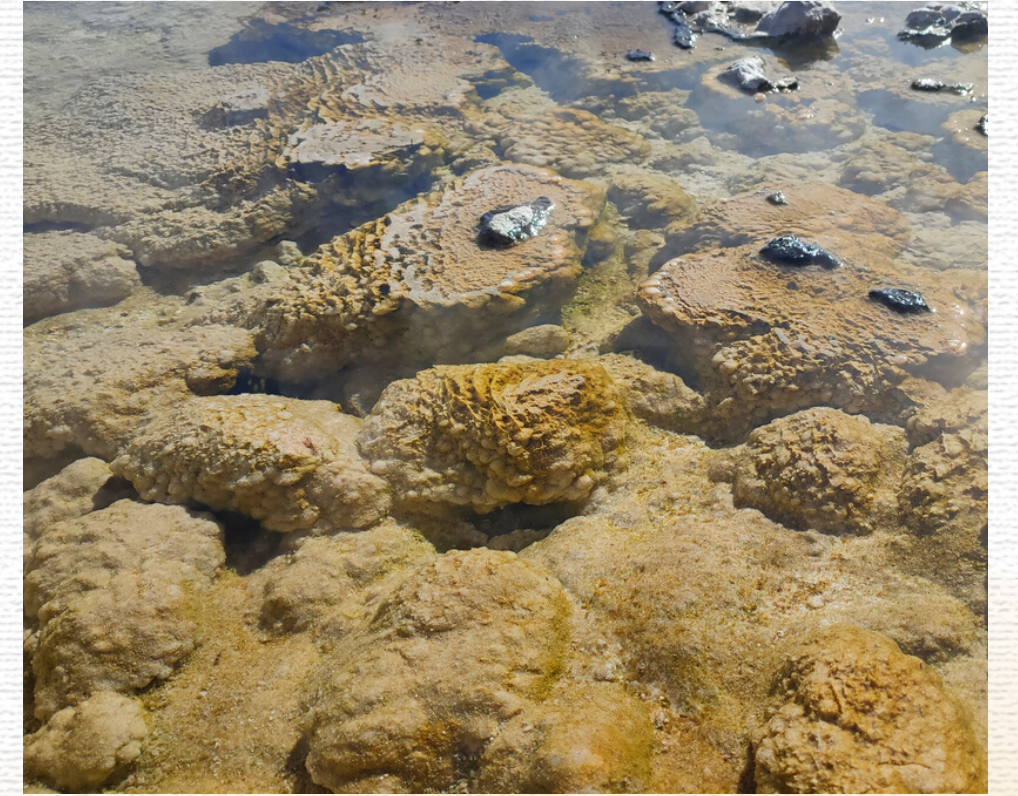
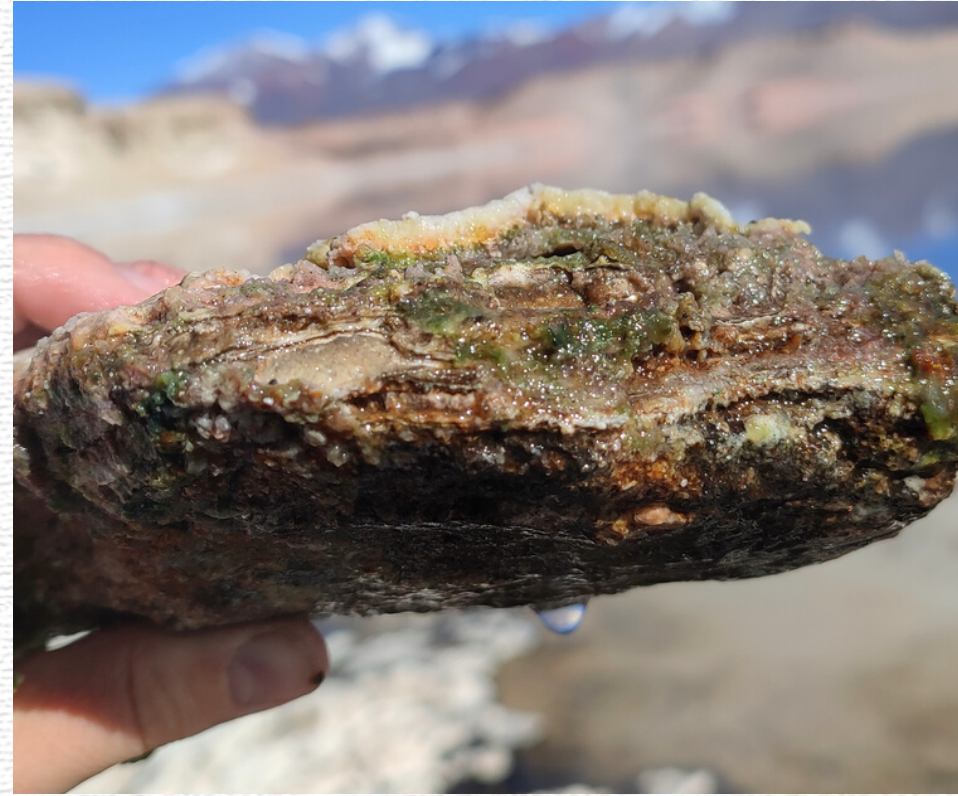


# Dendritic microbialites, Laguna Verde



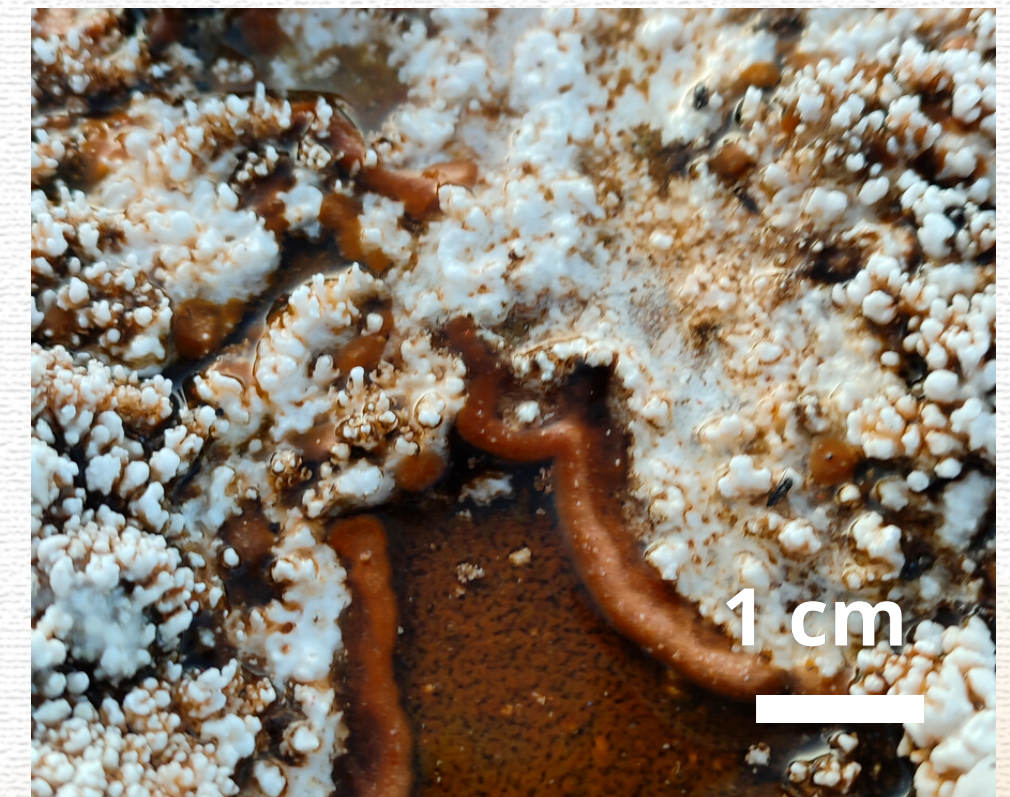
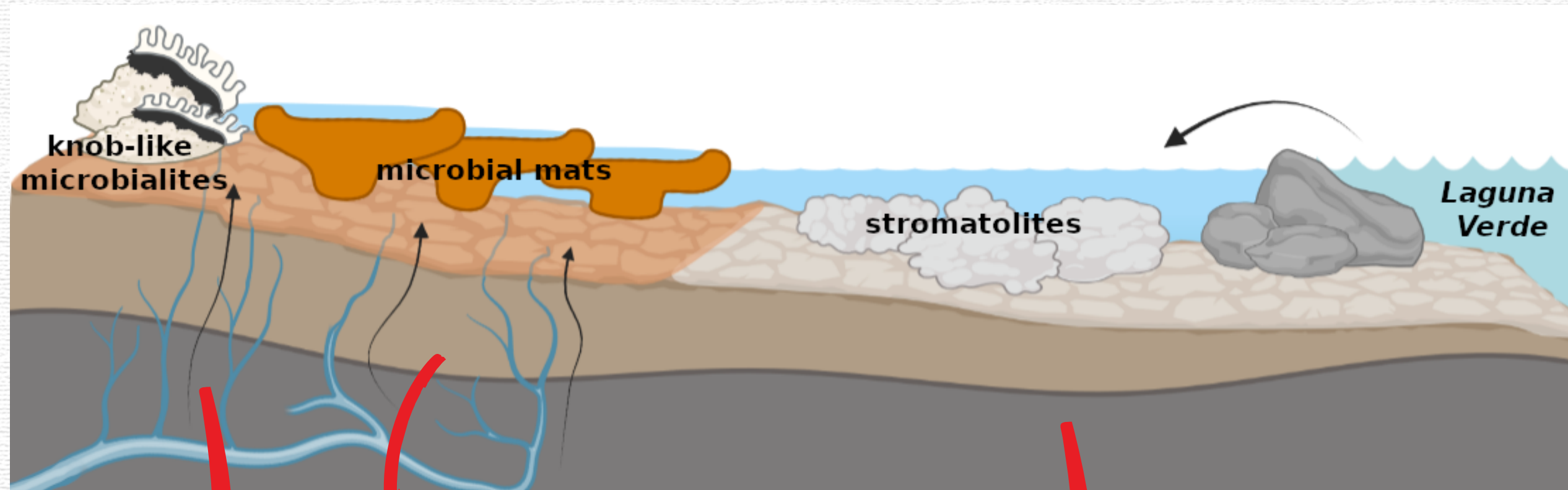


# Stromatolites, Laguna Verde





# A complex microbial ecosystem





Thank you so much!

If you have more questions  
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