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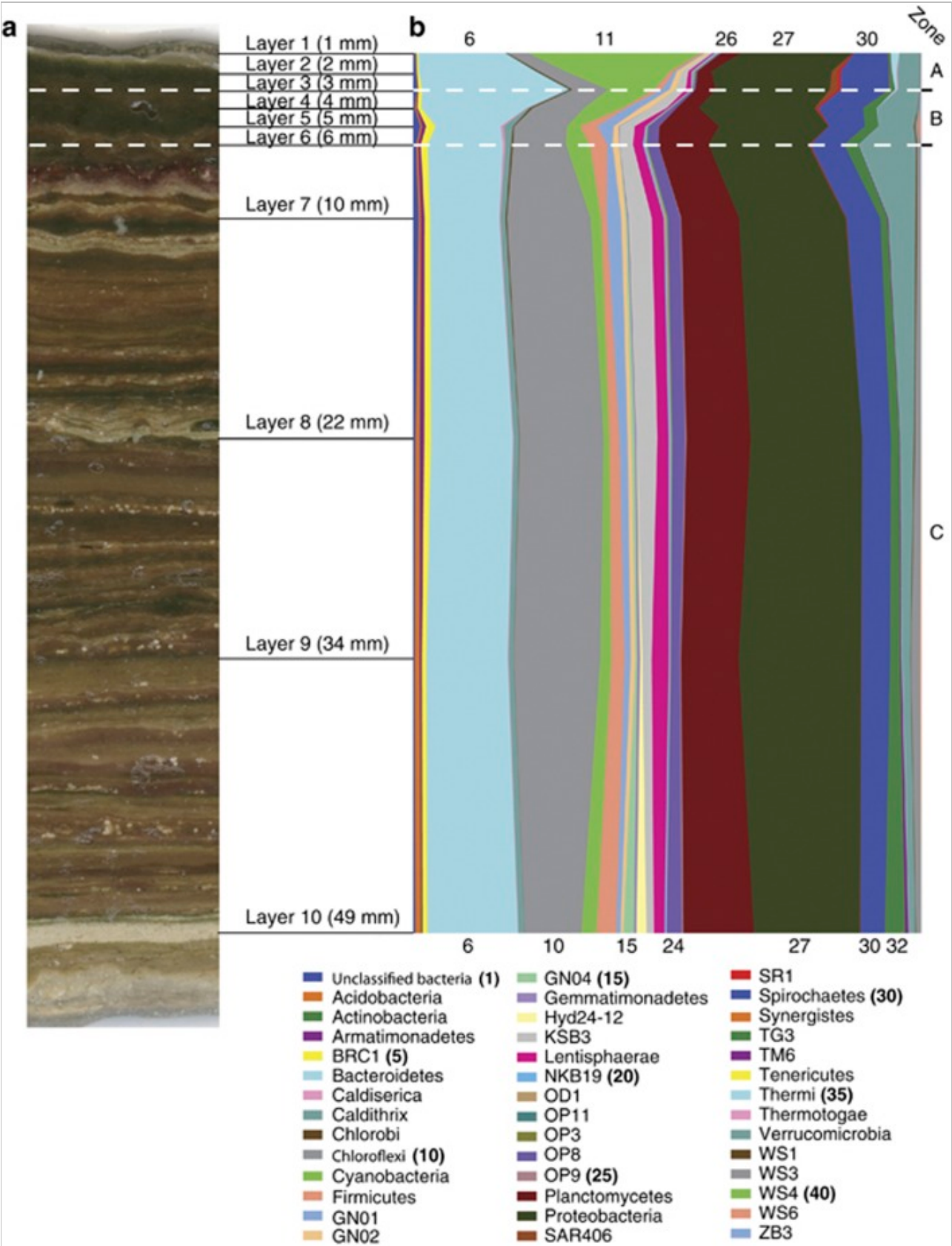
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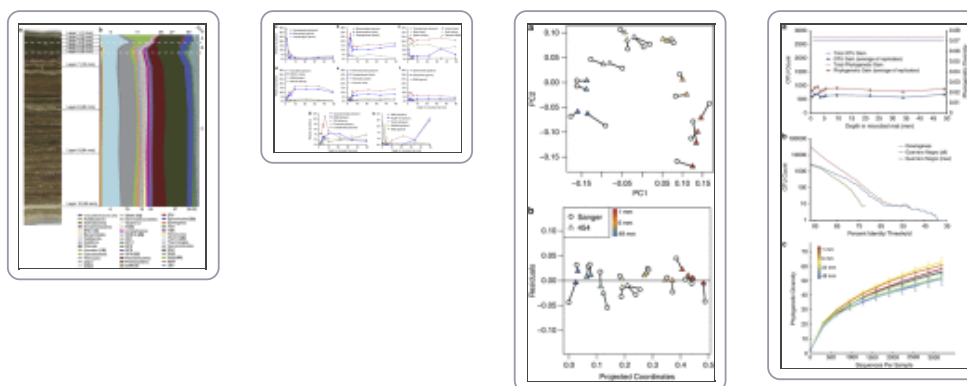
Figure 1



The GN microbial mat (**a**) photograph and (**b**) taxonomic composition by depth. Taxonomic assignments were made with tax2tree (Materials and methods). (**a**) and (**b**) are consistent in scale. Numeric values on top and bottom of (**b**) correspond to the phylum legend to aid orientation. As discussed in the text, the dashed white lines indicate approximate depths of the photic/oxic (0–3 mm depth, zone A), low sulfide (3–6 mm depth, zone B) and high sulfide (6 mm and deeper, zone C) zones seen with light intensity and

microelectrode measurements ([Jorgensen and Des Marais, 1986](#); [Jorgensen, 1992](#); [Ley *et al.*, 2006](#)).

Images in this article



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