LCOSYSIEMS

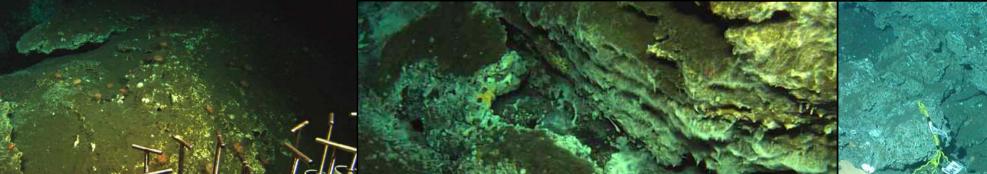
our related Ciuses (Hrerated Ridges 31 August - 8 September 2011

- ruises funded by NSF Biological eanography, 1 by a RAPID response nt
- higenic carbonates as unique osystems, though often overlooked by logists
- st HR cruise in August 2010 with Alvin
- objectives of the project
- aracterize diversity, colonization, olutionary affinities, and ecosystem eractions of and among metazoans, tists, and microbes associated with

PIs: Lisa Levin, SIO Tech Greg Rouse, SIO Tony Rathburn







d bottom time of 137 hours.

12 gear elevators

launched and



Jason launched 31 August 20:25



Jason rec Septemb



Experiments and a retrieved using ge rigged with many tubecore racks, ar bottles.



From 12 sites, we recovered 56 colonization substrates, 17 ca experiments, and 12 microbial colonization experiments, in addition to collections of *in situ* carbonates and sediment cores



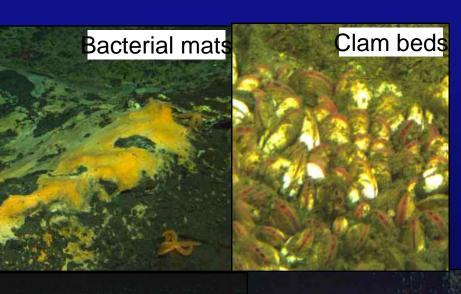


ampled for microbiology, nents, endolithic





High rates of microbial and metazoan colonization





Marked forams in cage experiments



"Peepers" deployed to compare microbial colonization across sediment depths

