

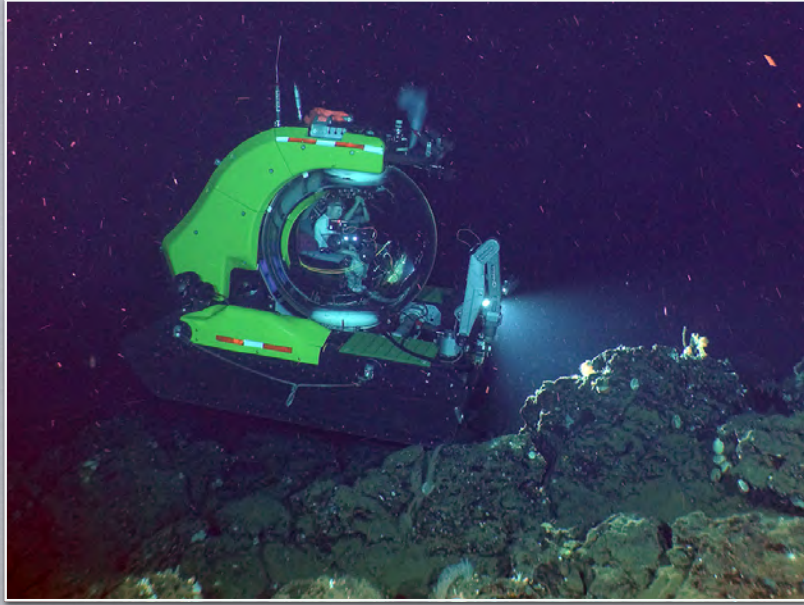
Exploration of the Submarine Volcanic Platform of the Galapagos Islands



¹Adam Soule, ⁴Dorsey Wanless, ¹Dan Fornari, ¹Mike Purcell, ⁵Mark Richards, ¹Meghan Jones, ⁴Darin Schwartz, ³Pelayo Salinas de León

¹WHOI, ²Galápagos Ntl Park, ³Charles Darwin Foundation, ⁴Boise State University, ⁵UC Berkeley

07 Aug to 28 Aug 2015



Deep Rover 2



Nadir



Remus 600



M/V Alucia

Supported by the Dalio Ocean Foundation and WHOI

Objectives:

- Map and characterize seamounts on the Galápagos platform
(14,000 km² MB surveys)
(~500 km² AUV surveys)
- Assess biodiversity of seamount ecosystems to aid modifications to MPA
(600 biological specimens)
(New species of cat shark)
- Sample submarine lavas to investigate melt accumulation and transport.
(150 rock samples)

