



- $^3\text{He}/^4\text{He}$  ~correlates with a number of geochemical indices
- the most distinct plume signature (high  $^3\text{He}/^4\text{He}$ ) comes from FOZO
- FOZO is a major, ubiquitous component of mantle plumes (or African superplume)
- we need more  $^3\text{He}/^4\text{He}$  with complementary geochemical data