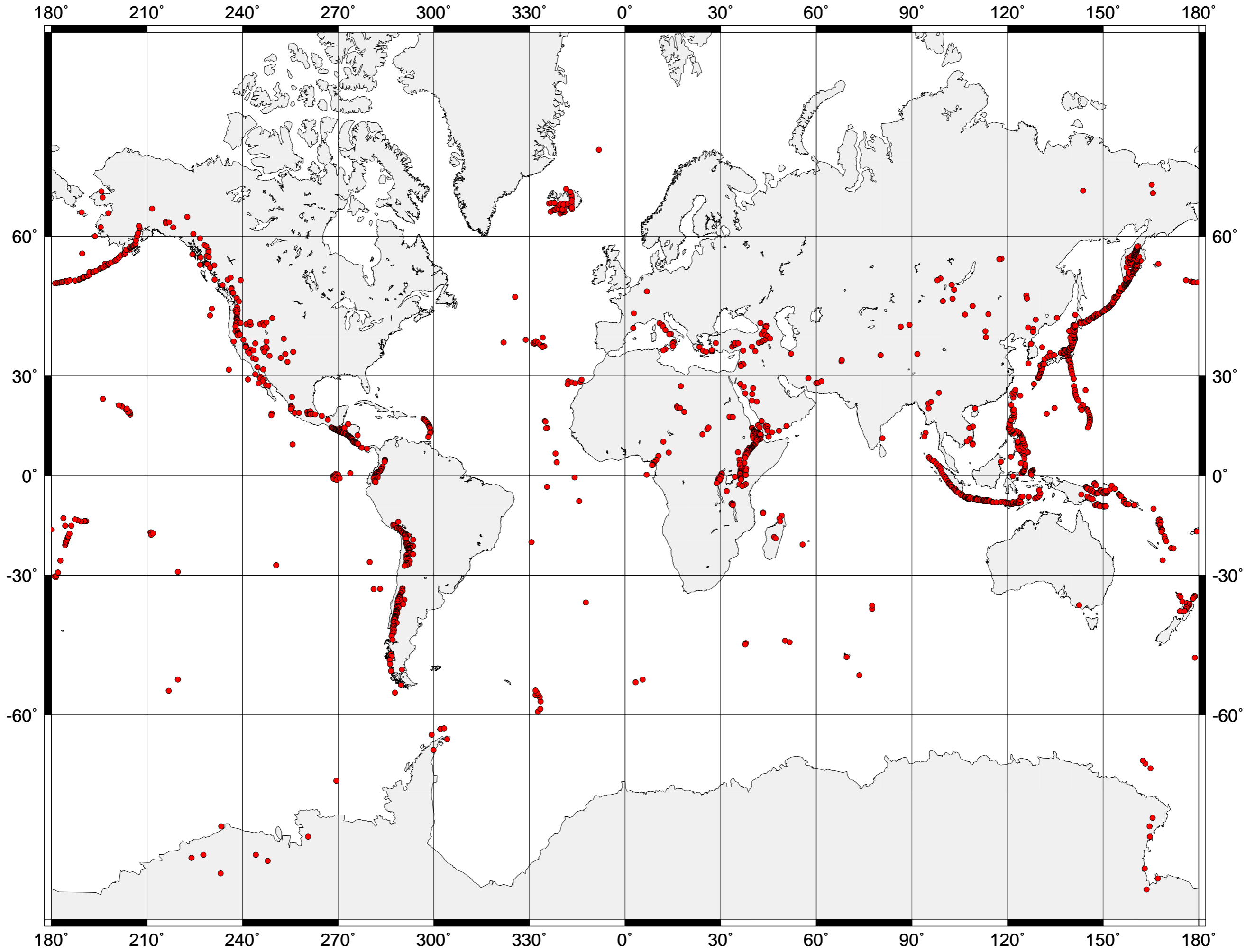


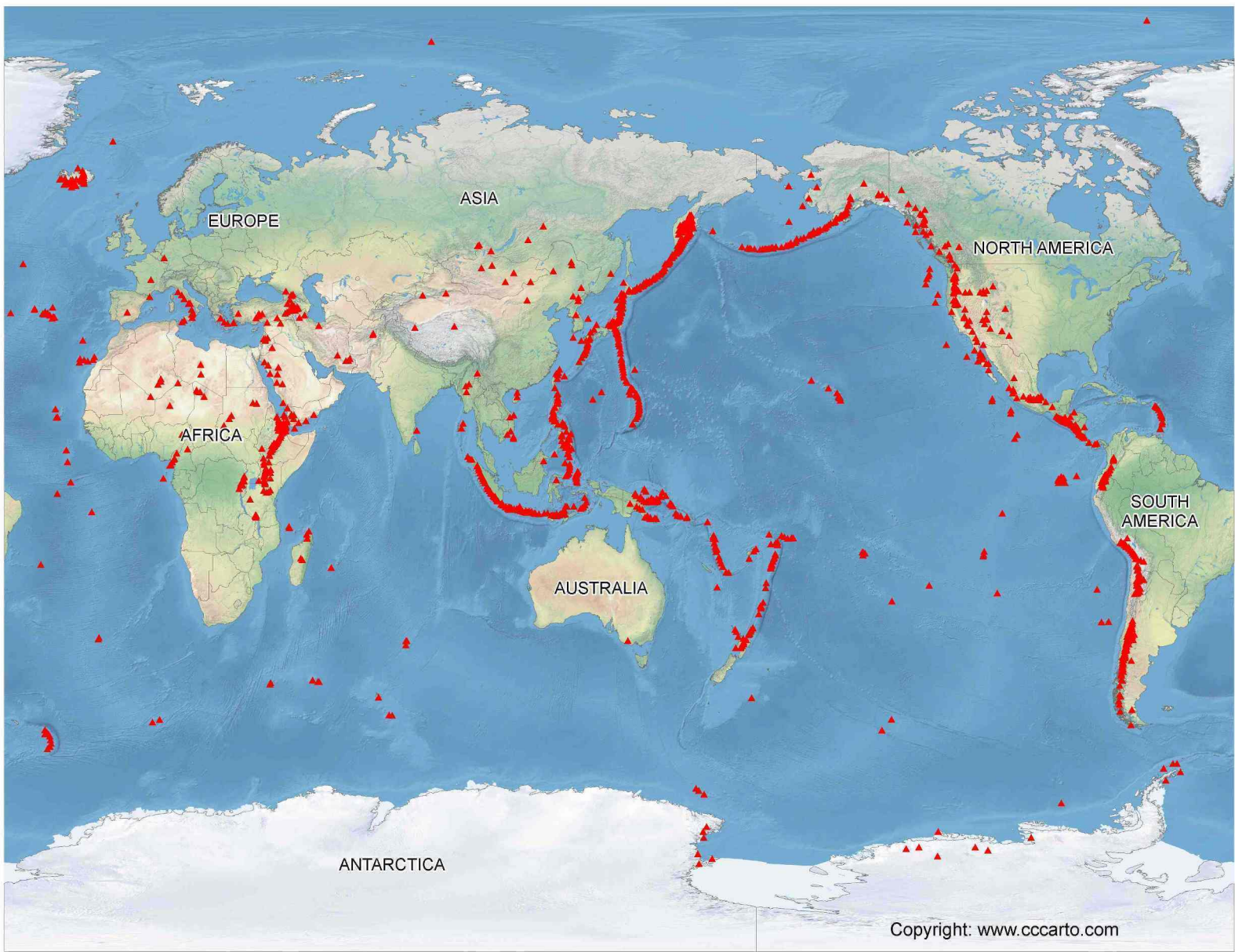
SCIENTIFIC SPECIALTY: VOLCANOLOGY

Red dots indicate currently or historically active volcanic features

This list obtained from the Smithsonian Institution

This map is part of "Discovering Plate Boundaries," a classroom exercise developed by Dale S. Sawyer at Rice University (dale@rice.edu). Additional information about this exercise can be found at <http://terra.rice.edu/plateboundary>.





EUROPE

ASIA

NORTH AMERICA

AFRICA

SOUTH AMERICA

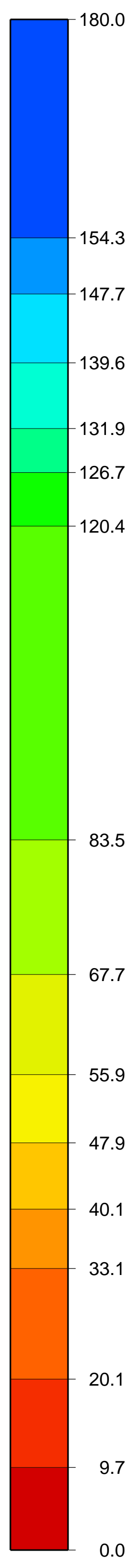
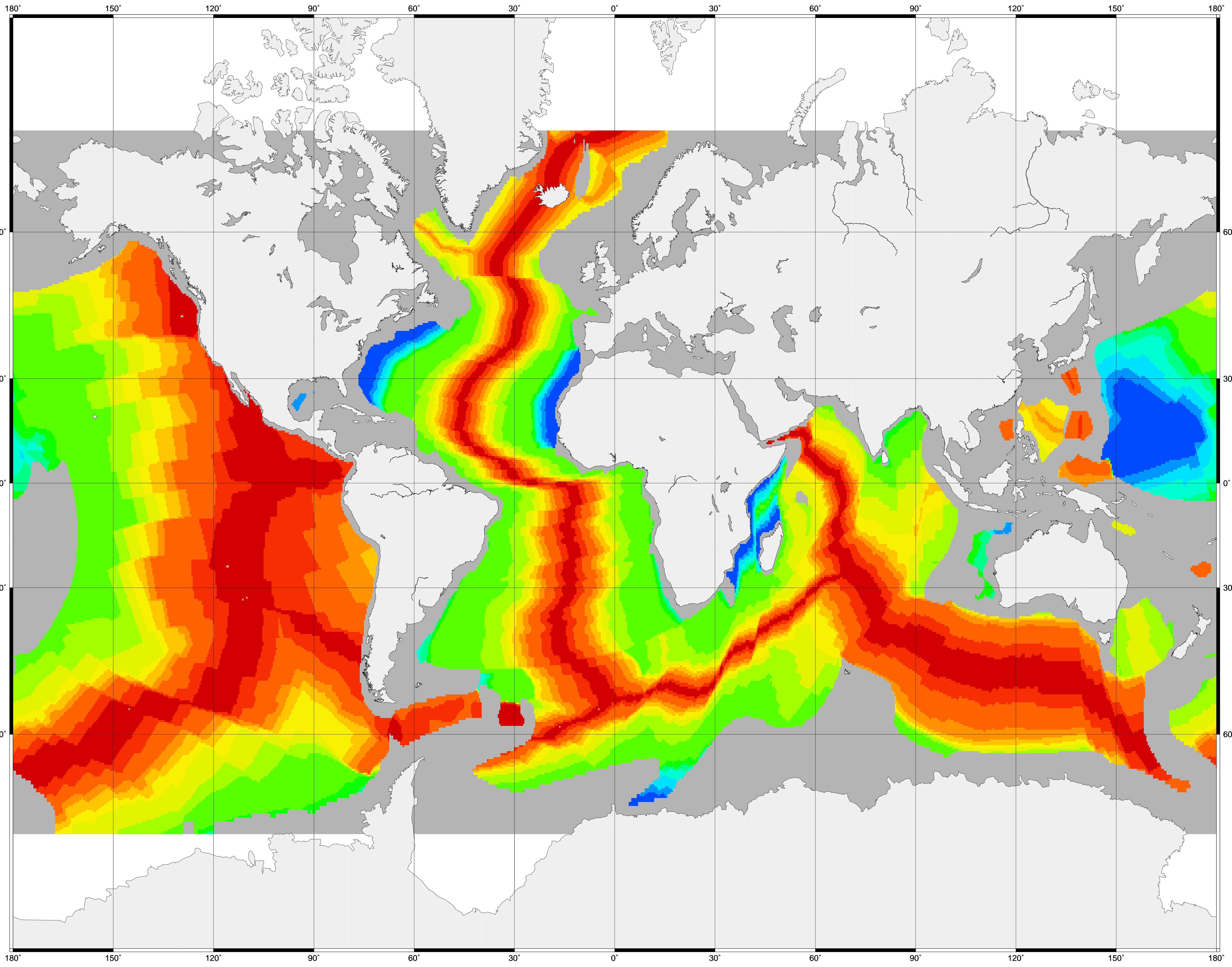
AUSTRALIA

ANTARCTICA

SCIENTIFIC SPECIALTY: GEOCHRONOLOGY

This map is part of "Discovering Plate Boundaries," a classroom exercise developed by Dale S. Sawyer at Rice University (dsawyer@rice.edu). Additional information about this exercise can be found at <http://terra.rice.edu/plateboundary/>.

Seafloor age in millions of years
This map is from Diemar Mueller, Univ. of Sydney



Age of Oceanic Lithosphere (m.y.)

Data source:

Muller, R.D., M. Sdrolias, C. Gaina, and W.R. Roest 2008. Age, spreading rates and spreading symmetry of the world's ocean crust, *Geochem. Geophys. Geosyst.*, 9, Q04006, doi:10.1029/2007GC001743.

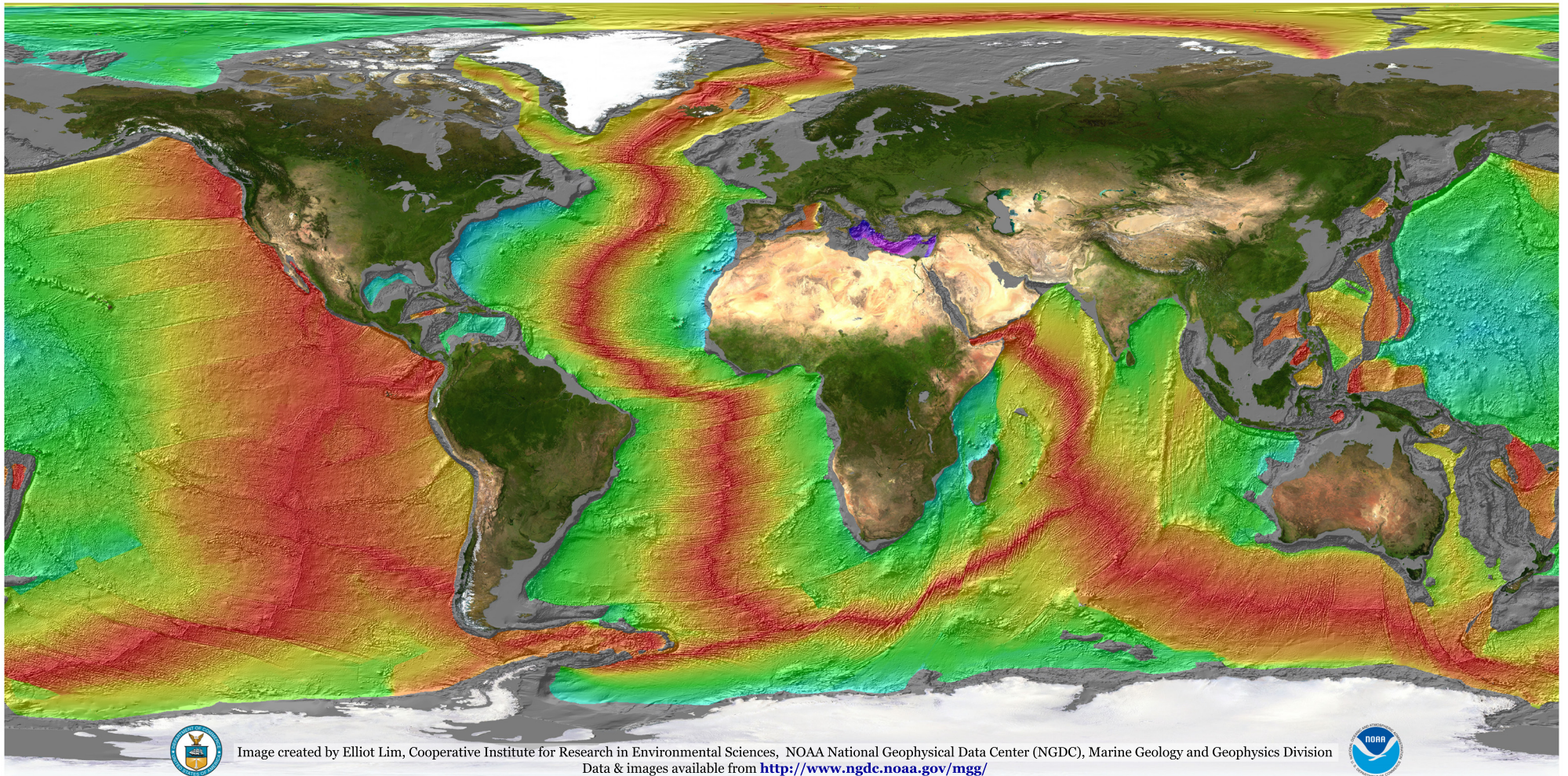


Image created by Elliot Lim, Cooperative Institute for Research in Environmental Sciences, NOAA National Geophysical Data Center (NGDC), Marine Geology and Geophysics Division
Data & images available from <http://www.ngdc.noaa.gov/mgg/>



million years

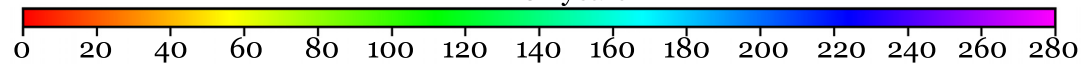
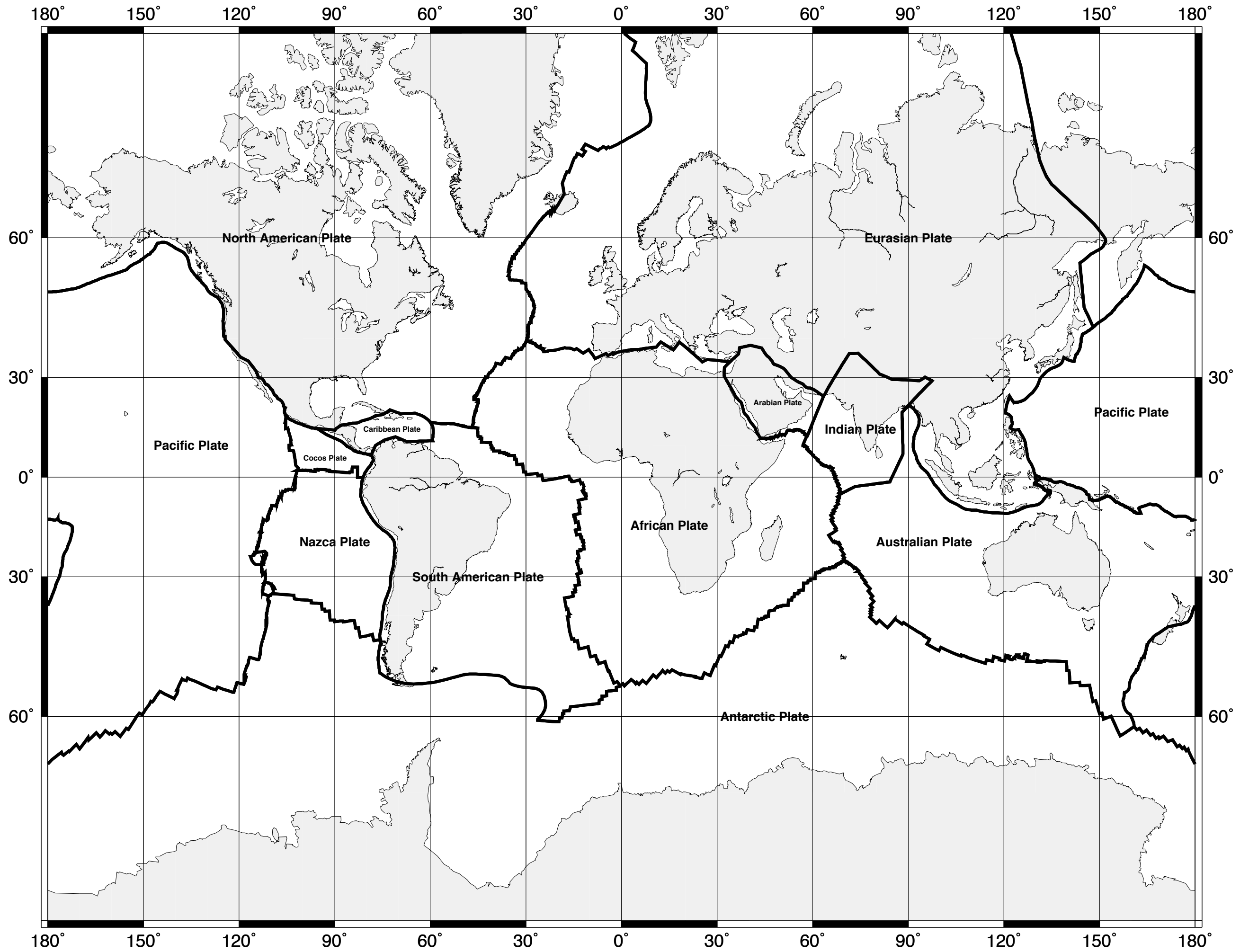


PLATE BOUNDARY MAP

This map is from Dietmar Mueller, Univ. of Sydney

This map is part of "Discovering Plate Boundaries," a classroom exercise developed by Dale S. Sawyer at Rice University (dale@rice.edu). Additional information about this exercise can be found at <http://terra.rice.edu/plateboundary>.



1900-2017

