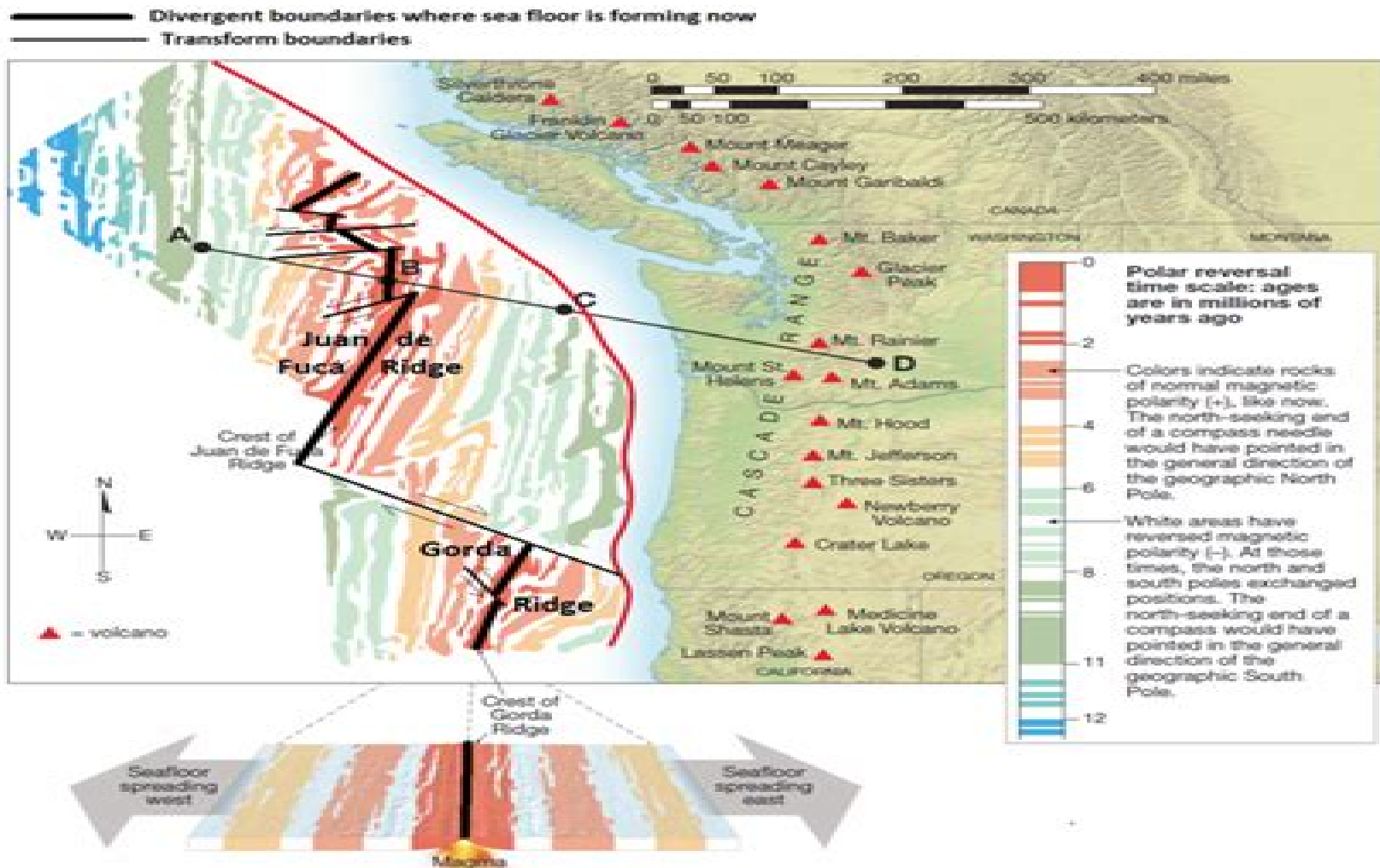# Physical Geology Lab # 2: Plate Tectonics

Paleomagnetic Stripes and Seafloor Spreading

Analyze the seafloor part of the map below just off the Pacific Coast along California, Oregon, Washington, and southwest Canada. The shaded/colored bands are seafloor magnetic anomalies. Shaded/colored bands are rocks with a positive magnetic anomaly so they have normal polarity like the present day. The white bands are rocks with a negative or reversed polarity. The different shades or colors indicate the ages of the rocks in millions of years as shown in the Polar Reversal Time Scale chart provided.

Carry out the tasks and answer the questions on the following page.

[Physical Geology Lab Manual Plate Tectonics](#)

Thomas Griffiths

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