

FIGURE 2.3. Six stages in the growth of the island of Hawai'i over the past half-million years on present-day base map. Existing bathymetric contours are shown by *fine lines* (depth in km). Island growth is shown at 100-ka intervals (*bold numbers*), with shoreline and volcano boundaries (*heavy solid lines*), vigorous subaerial volcanic centers (*solid stars*), waning subaerial volcanic centers (*open stars*), dormant or feebly active subaerial volcanic centers (*open circles*), axis of Hawaiian Deep (*cross-dashed line*), and boundaries of landslides (*stippled pattern delineated by dashed lines*). The shorelines are mapped as a break-in-slope offshore of the present coast and are inferred where buried by growth of subsequent volcanoes. Volcanoes (delimited by lines within island) are Ha, Haleakala; M, Mahukona; Ko, Kohala; MK, Mauna Kea; ML, Mauna Loa; H, Hualalai; KI, Kilauea. From Moore and Clague (1992).

Credit: Moore, J. G., D. A. Clague, 1992. Volcano growth and evolution of the island of Hawaii. *Bulletin of the Geological Society of America* 104:1471-1484.

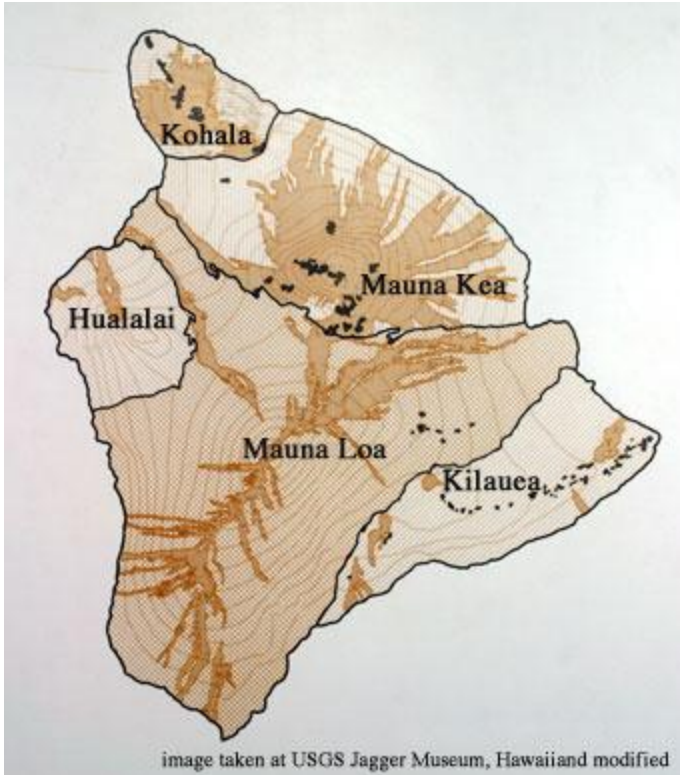


image taken at USGS Jagger Museum, Hawaii and modified

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