

Atlas of

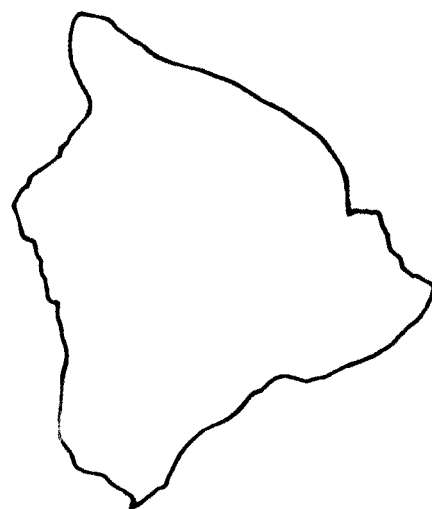


SECOND EDITION

Hawaii



*Department of Geography
University of Hawaii*



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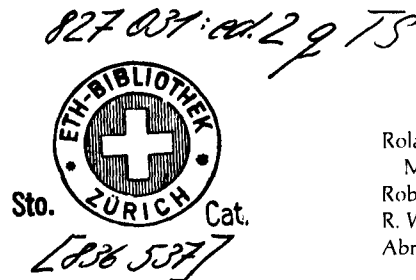
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THE COVER

This map of the Hawaiian Islands is a three-dimensional cartographic depiction viewed from a point east of the island of Hawaii and along the chain to the northeast. It shows the landforms under the ocean as well as above, and the great bulk of Mauna Loa and Mauna Kea rising six miles above the bottom of the Hawaiian Deep is clearly apparent. The vertical exaggeration of the drafting is over eight times, and the horizontal scale in the foreground is 1:1,000,000. The map is constructed by plotting a series of profiles from contour and bathymetric maps. These profiles produce a distorted grid similar to a fishnet which is then used as a base for the final drawing. The underwater area was prepared with an airbrush to give a softened effect, and the above-water area with pencil to produce a land texture.



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Special recognition is due authors and cartographic assistants who volunteered their time and talents to the Atlas without remuneration. Their generosity and cooperation made it possible for the small staff to produce the Atlas within the constraining limits of time and money available. The second edition of the Atlas of Hawaii was compiled and drafted in twelve months.

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