

BIBLIOGRAPHY OF KAULA ISLAND, HAWAIIAN ARCHIPELAGO

by George H. Balazs

Kaula is an isolated and uninhabited volcanic island in the Hawaiian Archipelago located 20 nautical miles west-southwest of Niihau at 21°39'N, 160°33'W. Situated on a 27 square mile shoal, the island consists of 136 acres with a maximum elevation of 540 feet. Relatively little information exists on the natural history of this area. In contrast, considerable knowledge has been accumulated for the other small oceanic islands that extend for 1100 miles to the northwest of Kaula and are commonly known as the Northwestern Hawaiian Islands. Although similar to these islands in terms of rich avifauna and other environmental characteristics, Kaula was nevertheless not included in the Presidential Order of 1909 that established most of the Northwestern Hawaiian Islands as a sanctuary for seabirds. This historical absence of refuge status for Kaula has been the principal factor responsible for the low level of research over the years and the present scarcity of ecological information.

The significant aspects of the known history of Kaula can be summarized as follows. At the time of Captain Cook's arrival in 1778, Kaula was familiar to the Hawaiian people both in folklore and as a place to gather seabirds for food and ornamental feathers. In 1924 the Governor of the Territory of

Hawaii formally established Kaula as a Light-house Reservation under the jurisdiction of the U.S. Department of Commerce. An automatic navigation light was subsequently constructed on the island and remained operational from 1932 to 1947. In 1939 the Light-house Service, along with jurisdiction of Kaula, was assigned to the U.S. Coast Guard. In 1952 the U.S. Navy and Marine Corps started using the island as a target for bombing and other ordnance practice. Opposition to this use was initiated in 1961 by some of Hawaii's residents and public officials due to a concern for the nesting seabirds. However, in 1965 the Coast Guard officially transferred control of Kaula to the Navy, thereby continuing its use as a target. In 1971 the Navy consented to periodically allow fishermen to enter the three mile restricted zone surrounding the island when bombing exercises were not taking place. In 1976 an Environmental Impact Assessment was filed by the Navy indicating that the bombing activities did not represent a significant adverse impact to the island. Since 1977 the controversy over this bombing has intensified due in part to the unilateral designation of Kaula as a seabird sanctuary by the Department of Land and Natural Resources of the State of Hawaii. Additionally, concern has been expressed for the endangered humpback whales that are known to seasonally frequent the island's shoal area.

My objective in publishing a bibliography of Kaula is to make available for the first time a comprehensive list of references that can be useful to researchers of various disciplines interested in advancing the knowledge of the island-area. This information source should also prove valuable to state, federal and military agencies having an interest in the administration and monitoring of the island.

The research involved in preparing this bibliography was in conjunction with literature reviews I am conducting of green sea turtles and other natural history aspects of the Northwestern Hawaiian Islands. This work is current as of January, 1979, and is supported in part with grants from the State of Hawaii, Office of the Marine Affairs Coordinator, and the University of Hawaii Sea Grant College Program (04-7-158-44129). I also gratefully acknowledge the assistance provided by Alan K.H. Kam, Lee S. Motteler and Dr. Edward W. Shallenberger.

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Fig. 1. Kaula Island viewed from the south-east. The curving crest of the island is 5,500 feet long with a maximum width of 1,650 feet.

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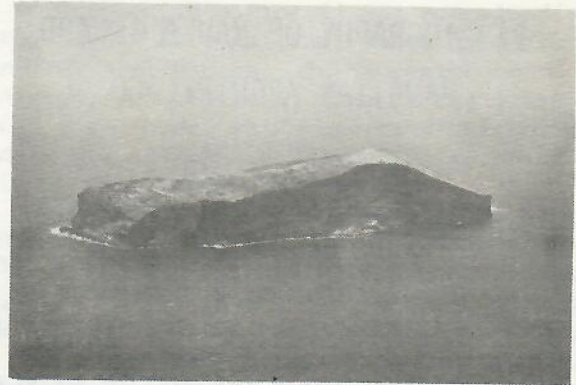


Fig. 2. Kaula Island viewed from the north-west. The large sea cave present in the precipitous coastline is described as being the home of the mythical Hawaiian shark god Kahaimoana.

Photo by G. H. Balazs

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171. Anon. 1974. Kaula Rock waters open. Honolulu Advertiser. 10 April:A18.
172. Anon. 1974. Fishing notice. Garden Island (Lihue, Kauai). 15 May:A10.
173. Anon. 1974. Fishing notice. Garden Island (Lihue, Kauai). 18 September:A10.
174. Anon. 1975. To help stop bombing of Kaula: Council names Masaki Admiral of 13th Fleet. Garden Island (Lihue, Kauai). 7 April:10.
175. Anon. 1975. Navy won't stop bombing Kaula Rock. Honolulu Star-Bulletin. 17 July:D9.
176. Anon. 1975. Navy issues warning to boatmen. Garden Island (Lihue, Kauai). 1 September:7.
177. Anon. 1975. Boat sinking, 20 hour swim ends with rescue on Niihau. Garden Island (Lihue, Kauai). 24 November:1.
178. Anon. 1976. In Navy's fight against trespassers: Kahoolawe waters closed. Honolulu Star-Bulletin. 16 January:A9.
179. Anon. 1976. Kaula Rock open. Garden Island (Lihue, Kauai). 19 March:7.
180. Anon. 1976. Kaula open to fishermen. Garden Island (Lihue, Kauai). 26 March:A8.
181. Anon. 1976. Kaula Rock open for fishermen this weekend. Garden Island (Lihue, Kauai). 16 April:6.
182. Anon. 1976. Kaula Rock. Garden Island (Lihue, Kauai). 23 April:5.
183. Anon. 1976. Kaula Rock open for fishing. Garden Island (Lihue, Kauai). 21 May:6.
184. Anon. 1976. Kaula Rock. Garden Island (Lihue, Kauai). 2 July:5.
185. Anon. 1976. Fishing trip offer. Garden Island (Lihue, Kauai). 7 July:A10.
186. Anon. 1976. Kaula Rock open this weekend. Garden Island (Lihue, Kauai). 16 July:6.
187. Anon. 1976. Warning--Kaula Rock closed to fishing. Garden Island (Lihue, Kauai). 6 August:7.
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