A Catalog of Hawai'i Place Names

Compiled from the Records of the Boundary Commission and
The Board of Commissioners to Quiet Land Titles
of
the Kingdom of Hawaii

Part 3: Kona

Collected and annotated by

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In memory of Amy B. H. Greenwell

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PREFACE

Kona: an ancient Polynesian term applied to the leeward side of many islands, even to the archipelago of Tonga far to the south. On the island of Hawaii, the Kona district extends from Kapalaoa in the north to Kaulanamauna in the south, a distance of over seventy miles along the western slopes of Mauna Loa and Hualalai. Sheltered from the prevailing northeast trade winds by the great mountains, Kona has a distinctive climate with gentle winds, calm seas and abundant rainfall over its higher slopes. It is also on the slopes of two active volcanoes.

Long ago, when Kona was an independent chiefdom, it supported a large population. When Captain James Cook came to anchor in Kealakekua Bay on the seventeenth of January, 1779, it was estimated that at least fifteen hundred canoes surrounded his ships, with several hundred more swimmers and surf boarders among them. Over ten thousand people had assembled at Kealakekua Bay to witness the arrival of the foreigners. Many had undoubtedly come from the extremes of Kona, Cook having sailed slowly around South Point and up the Kona coast. He had been in Hawaiian waters for over a month, trading with the people of other districts while under sail.

The Polynesians who occupied these islands were farmers and fishermen descended from a handful of immigrants from islands south of the equator. They had successfully occupied this rich land and, from its abundance and their skill, multiplied and prospered, first in the well watered stream valleys on windward coasts, later on the leeward slopes despite the lack of perennial streams to water their gardens and quench their thirst. They became intimately acquainted with the land, shore and sea of their home upon which they depended for subsistence. Their language contains hundreds of words to describe their physical environment. Soil, terrain and climate were essential factors in the selection of farm lands and house sites. Topographic features were classified and named in great profusion.

The Hawaiian extended family lived in a dispersed community, some members at the shore harvesting the bounty of the sea but many of them lived among their gardens at higher elevations where rainfall was more abundant. The products of land and sea were shared within the family and were given in tribute to the feudal overlords of the commoners. Gardens and home sites were given distinctive names, perhaps based on a physical characteristic of the place, perhaps commemorating an event, or remembering an ancient homeland. In referring to the source of food stuffs and raw materials, the activities or the whereabouts of relatives and friends, place names were inevitably needed and used in abundance.

This collection of Kona place names was initially compiled for the Kona Historical Society by three researchers: Dorothy B. Barrere, Jean W. Greenwell, and Lloyd J. Soehren. The present compilation returns to the initial concept of drawing primarily upon the unpublished records in the Hawaii State Archives, created prior to 1900. A few names have therefore been omitted together with a large number of references. Added are plane coordinates for as many names as can be located on topographic maps.

The advent of computerized databases has been a boon to cataloguers. Large amounts of data can easily be accessed, searched and sorted. Unfortunately, few libraries are equipped to utilize computer databases making it necessary to print hard copies. The following printout combines a simple alphabetical list of place names and a purely geographical grouping in which the *ahupua* 'a are placed in alphabetical order with all the names therein. For those equipped with a computer database program, the electronic version can be obtained from the author as a zip file.

INTRODUCTION

Sources

When the Legislature in December, 1845 created the Board of Commissioners to Quiet Land Titles, it set in motion a process which produced a monumental record of land holdings throughout the kingdom. Chiefs and commoners alike registered their claims to the land which they had administered or occupied in traditional terms, by their names.

All claims, whether by chiefs for entire *ahupua* 'a or by tenants for their house lots and gardens, had to be filed within two years of the effective date of the Act, February 14,1846, or be forever barred.¹ Claims were received and recorded in the *Native Register* and *Foreign Register*. Testimony of witnesses to the claims was recorded in volumes labeled *Native Testimony* and *Foreign Testimony*. Finally, the adjudicated claims and awards were recorded in the *Award Books*. These five series of bound volumes, together with the *Mahele Book*, constitute a Hawaiian Domesday Book. All are preserved in the Hawaii State Archives and are accessible on microfilm. They are the principal sources of this collection.

Paramount among these registers is the *Mahele Book* in which are recorded the names of all the *ahupua* 'a and 'ili $k\bar{u}pono$ and of the chiefs who held suzerainty over them under the feudal monarchy.² The results of the Mahele (Division) between the chiefs and the king, whether a land was *returned* or *retained* by the chief, are given in the Catalog for each *ahupua* 'a or 'ili $k\bar{u}pono$. The second division of lands, between the king and the government, established the Crown lands and the Government lands which are also identified. All are summarized in Appendix A.

Outright sale of Government land began in 1846 and continues to this day. These sales are known as *Royal Patent Grants* (RPG) when made under the Monarchy. They are recorded in the Office of Land Management in the Dept. of Land and Natural Resources and are also available on microfilm. They are indexed in the *Index of All Grants and Patents Land Sales* (GR), geographically and numerically. Only those Grants made under the Monarchy are considered here.

All Land Commission Awards and Royal Patent Grants were surveyed and metes and bounds descriptions made part of the record. Surveyors of Land Commission Awards often included the name of the 'ili in which the parcel is located, or sometimes of a smaller division of land such as a mo'o, kauhale or a lo'i. In the case of Royal Patent Grants, however, few place names are given other than that of the ahupua'a and perhaps the initial point of the survey or a prominent landmark. Grants usually ignored traditional boundaries (except ahupua'a boundaries) and reference points, cutting across and including formerly distinct 'ili and other subdivisions whose names are consequently lost.

By its act of August 23, 1862 the legislature established the Commissioner of Boundaries to define by metes and bounds the boundaries of *ahupua'a* and *'ili kūpono* which had been awarded by name only at the time of the Mahele. Upon the application of the owner of the *ahupua'a*, subcommissioners on each island collected the testimony of *kama'aina* witnesses who knew the traditional boundaries and pointed them out to surveyors. Unfortunately, many *ahupua'a* retained by the Government were never surveyed and their traditional boundaries are now lost. The collected testimony

¹ This deadline was extended several times for those chiefs and konohiki named in the Mahele Book who had failed to present their claims to the Land Commission by 1848. Commoners received no such consideration.

² A few *ahupua* 'a were overlooked in the process, mostly on Hawaii and Molokai.

and resulting Boundary Certificates are accessible on microfilm at the State Archives.

Various maps show the location of places relative to the terrain or to boundaries. The topographic maps published by the United States Geological Survey (USGS) together with the Tax Maps (TM) compiled by the State (now maintained by each county) are essential tools for locating place names. They are also sources, and all Kona names shown on the USGS quadrangles will be found in the database, including English names. Most street names have been omitted except those which appear on the USGS maps. When available in the collection of Kona Historical Society, the maps compiled by the Bernice Pauahi Bishop Estate (BE) of its Kona lands have been consulted, as have many of the Field Books (FB) and Registered Maps (RM) of the Hawaiian Government Survey, to be found in the office of the State Surveyor in Honolulu.

In addition to the foregoing primary sources, major archaeological surveys have been searched for supplementary information about places of historic interest. However, the scope of the catalog does not include the many literary sources of place names. Legends and *mele* are replete with geographic references although many places celebrated in song and story can no longer be precisely located with certainty. Many such place names have been indexed in numerous major publications, including the *Fornander Collection of Hawaiian Antiquities, Hawaiian Mythology, Fragments of Hawaiian History, Ruling Chiefs of Hawaii, 'Ōlelo No'eau, Niihau: The Traditions of an Hawaiian Island.* The Hawaiian Legends Index published by the Hawaii State Library System is a valuable resource. Coulter s *Gazetteer* of 1935, long out of print, remains a useful compilation.

Methods

The Catalog was initially conceived as a computerized database and the data are collected and organized accordingly. Each record was first made on a 4" x 6" file card, then entered into a dBase format database (PCFile 8) which can be imported into most popular PC database programs. By sorting the database according to *ahupua* 'a or Catalog Number, all place names within an *ahupua* 'a can be viewed together. The *ahupua* 'a are cataloged in geographical order as shown in Appendix A.

The records generated by the Boundary Commission include detailed testimony (BCT) of witnesses which usually resulted in the issuance of a Boundary Certificate (BC) containing the metes and bounds of the parcel. When the surveyor included a place name in the certificate it can usually be plotted on the USGS base map and its coordinates scaled. If the name is given only in the testimony its relative position in the sequence is given, always progressing from *makai* to *mauka*. In the Comments, relative locations are given for a name as being between a (makai) and b (mauka). Other points of reference are the Government roads, makai or mauka; Governor Adams wall (Pā Kuakini); corners of Royal Patent Grants or Land Commission Awards which are shown on most Tax Maps. When the name can be found or located on a USGS quad, its elevation is noted.

Because *apana* (part) numbers of claims are not always the same as in the Land Commission Award (LCAw), claim numbers cannot reliably be associated with a Land Commission Award number or Tax Map Key (TMK). Claimants sometimes asked for more parcels than were awarded. Some claims were withdrawn or denied because the claimant had abandoned the land or died without heirs, or it was contested by a chief. Tax Map Keys are seldom given here because plat and parcel numbers frequently change. Zone and section numbers do not change, however, and occasional reference is made to them.

Fields used in the database.

Place name.

Several conventions were adopted to facilitate computerized sorting:

- 1. No diacritics ('okina or kahakō) are used in this field because they are rarely included in the sources used and they interfere with computer sorting. See <u>Lexicology</u>, below.
- 2. <u>Pu'u</u> and <u>Lae</u> are always separated from the other element of a compound name, e.g., Puuanahulu is rendered Puu Anahulu, Laeloa is rendered Lae Loa.
- 3. Initial <u>Ka</u> or <u>Nā</u> before <u>Lae</u>, <u>Lua</u>, <u>Hale</u> and <u>Moku</u> may be dropped, as may <u>Ke</u> before <u>Ana</u>. When searching for a name containing these elements it may be helpful to add or delete the initial definite article, i.e., search for both Lae Loa and Ka lae loa.
- 4. <u>Point</u> (as a feature) is reserved exclusively for a promontory at the sea shore (even though *lae* may be part of the name), while <u>lae</u> is reserved exclusively for the topographic feature inland.

Names which are known to be misspelled are followed by an asterisk (*). They are included when found in published sources but are cross referenced (in Comments) to their correct form. Variant spellings are also given when we are unable to choose one over the other. Ahupua'a names are entered together with the number of subdivisions recognized in the Mahele, ranging from two to six.

Feature.

A one or two word description of the place named is given to expedite searches. Both English and Hawaiian terms are used, usually according to the term used in the principal source. Often more than one descriptor will be entered. All features fall into one of two groups, cultural (man-made) or natural. A glossary of terms used follows.

Cultural features.

ahu...a cairn, pile of stones, often used to mark a boundary, sometimes as an altar ahupua'a...a geographical and political subdivision of a *moku*

altar...a place for making offerings to a deity

bp...(boundary point)...a place named along a boundary, sometimes with a monument

burial cave...a cave in which human remains are interred

cemetery...graveyard

church...a named place of worship, usually Christian

'e'a mai'a...a banana patch in the uplands.

fishpond...a man-made enclosure in or pond adjoining the sea for confinement of fish garden...

heiau...a temple, place of worship in traditional religion

hōlua...a sledding track

house...

'ili...a geographical and political subdivision of an ahupua'a

'ili kūpono...a geographical and political subdivision of an *ahupua* 'a paying tribute directly to the king kahua kauhale...house site

kauhale...a group of houses belonging to a family; hamlet

kīhāpai...garden

ko'a...a deep sea fishing ground

kō'ele...garden worked by a tenant for his chief

kūlana kauhale...village

kuleana...a parcel awarded a tenant by the Land Commission

kū'ula...a fishing shrine (sometimes called ko'a)

mahina 'ai...vegetable garden

moku...a geographical and political unit comprising an entire island or large portion thereof

o'io'ina...a resting place for travelers

pā hale...a fenced house lot

paukū...land section smaller than a mo'o

pu'uhonua...place of refuge
reservoir...a man-made pond
residence...dwelling place of a known and named person
road...a path for wheeled vehicles
tomb...a grave monument
trail...a path for foot travel
ts...triangulation station
village...a grouping of residential and commercial buildings, western in concept
wahi pana...a legendary or famous place
well...a man-made source of water

Natural features

'āhua...mound, hillock, knoll, hump ana wai...water cave; lava tube used as a source of water awaawa/awāwa...gulch; channel for water or lava; pass in reef; inlet bay... beach...kahakai, kahaone

blowhole...puhi kai canoe landing...paena wa'a caye...ana

cove...awa, 'oawa

crater...waha pele, lua pele

grove...ulu

gulch...a stream channel; awaawa

hill...pu'u

hulipali...the precise meaning is unknown

inlet...see awaawa

kāheka...a tide pool

kahawai...stream channel, gulch

kīpāpali...brink of a cliff, small cliffs

kīpuka...an area of older lava surrounded by a later flow

kualapa...a ridge; the edge of a lava flow

lae...a pattern of lava or vegetation forming a point inland, as of land at the shore (point)

lava flow...

loko...a pond, lake

lua...a hole, pit, pit crater

lua kī...hole from which water spurts; artesian spring

pali...a cliff, steep slope

place...any feature not otherwise identified

point...a promontory at shore; lae

pond...a substantial body of water, fresh or sea; loko

pool...a smaller body of water, fresh or sea; luawai

punawai...a spring

pu'u...an imprecise term applied to mountains, hills, knolls, cones

pu'u lepo...a mound of earth

region...a geographic area extending over multiple ahupua'a

rock...an islet; moku pōhaku

sand dune...pu'u one

shoal...

spring...a natural source of flowing water; punawai stone...a named stone (if offshore, then it is termed a rock); pōhaku surf...a place suitable and used for surf riding tide pool...kāheka tree...often a boundary point; includes breadfruit, kukui, pūhala wai 'ōpae...an anchialine pond water cave...a cave containing potable water; ana wai water hole...a natural accumulation of water in a hollow; smaller than a pond; lua wai

Ahupua'a.

For each place name the name of the ahupua'a in which it is located is entered, together with its number, when known. The qualifiers *nui* and *iki*, if known, may be found under Comments. For a complete listing of ahupua'a, in both geographical and alphabetical order, see the Appendices.

Quadrangle number.

This entry identifies the quadrangle of the topographic 7.5 minute series published by the United States Geological Survey (USGS), at a scale of 1:24,000. They are numbered according to the scheme adopted by the State Historic Preservation Division (SHPD), wherein the island of Hawaii is identified by the prefix 10- followed by the number assigned to the individually named quadrangle according to the following key (only those quadrangles cited in the database are given here):

10	Anaehoomalu 1959, 1982	39	Puu o Uo 1956, 1981
11	Puu Hinai 1956, 1982	47	Honaunau 1959, 1982
18	Makalawena 1959, 1982	48	Kaunene 1960, 1982
19	Kiholo 1959, 1982	49	Sulphur Cone 1966, 1981
20	Puu Anahulu 1959, 1981	50	Mauna Loa 1966, 1981
21	Keamuku 1956, 1982	56	Kauluoa Point 1962, 1981
27	Keahole Point 1959, 1982	57	Puu Pohakuloa 1963, 1982
28	Kailua 1959, 1982	65	Milolii 1962, 1981
29	Hualalai 1959, 1982	66	Papa 1962, 1981
30	Naohuleelua 1956, 1982	67	Puu o Keokeo 1967, 1981
37	Kealakekua 1960, 19982	71	Manuka Bay 1962, 1981
38	Puu Lehua 1959, 1982	72	Pohue Bay 1962, 1981
	•		•

Occasionally the exact location of a feature is uncertain. When a place-name could be on either of two adjoining quadrangles, the most likely quadrangle number is inserted in the Quad field and the annotation Quad uncertain entered at the end of Comments. When the location is quite unknown, 10-?? is entered in the quad field.

<u>Plane coordinates</u>. The Hawaiian Plane Coordinate System, shown on all USGS quadrangles, has been chosen for its simplicity and ease of use. Coordinates are given whenever the location of a place name can be ascertained with reasonable certainty. For large areas, such as *ahupua'a*, the coordinates of the first letter of the name is given to the nearest thousand feet. For streams and gulches, a point near the name (usually at the beginning) is given to the nearest hundred feet. For hills (*pu'u*), mountains or other high points, the highest point is chosen; if a triangulation station, bench mark (BM), vertical angle bench mark (VABM) or spot elevation is shown, their positions are given. Boundary points are frequently named in early surveys and often can be located on published or unpublished maps, including Tax Maps, and their positions scaled from the USGS quadrangles. When a Tax Map Key (TMK) is given, coordinates are usually omitted.

Users of GIS and GPS should note that the *Old Hawaiian Datum* **(NAD 27)** is used on the above listed quadrangles and throughout this catalog.

Catalog number.

The Catalog Number provides a unique, ten digit number for a place name or other cultural feature. It is based on the Hawaii State Tax Map Key system, wherein the state is divided into four Divisions:

- 1. City & County of Honolulu (Island of Oahu)
- 2. Maui County, including Molokai, Lanai, Kahoolawe (Kalawao County is not recognized as a Division)
- 3. Hawaii County
- 4. Kauai County, including Niihau, Lehua, Kaula

Each Division is divided into as many as nine <u>zones</u> (which correspond to modern judicial districts), each of which is further divided into nine <u>sections</u>, each containing one or more ahupua'a. The Division, Zone and Section numbers comprise the first three digits of the catalog number, informing the user at once of the island, district and portion of the district in which the place name or feature is situated.

Within each zone, numbers are assigned to each ahupua'a in sequence from Section 1 through Section 9, separated by a period from the first three digits. Places <u>within</u> an ahupua'a are then given a three digit number in any convenient order, separated from the ahupua'a number by another period. Three places are provided, allowing for 999 names within an ahupua'a. For example: 374.21.001 identifies the 'ili of Elepaio in the <u>ahupua'a</u> of Honokōhau, district of North Kona, island of Hawaii.

- 3--.-- Division 3, Hawaii Island.
- -7-.-- Zone 7, North Kona.
- --4.--. Section 4.
- ---.21.--- ahupua'a number (in sequence from Section 1 of Zone 7, running counterclockwise around the island).
- ---.-001 'ili of Elepaio.

Names of places appearing in stories or other sources often can be located only approximately, perhaps only within a district of an island. A zero is used in any position when that part of the catalog number is unknown (except after the second period, where they simply fill up space for the benefit of the computer). If more information is obtained at a later time, the zero can be replaced with the appropriate number.

Zeros are also used for the section and ahupua'a numbers when the name applies to an area greater than a single ahupua'a, or perhaps a road which traverses several ahupua'a; for example, 370.00.001 Kekaha, North Kona, a region which encompasses the ahupua'a from 371.01 through 374.23.

370.00.002 Kealaehu, the road from mauka to Kīholo.

Names which are recorded as (or appear to be) lying on a boundary between two ahupua'a can be assigned arbitrarily to the ahupua'a with the lower number.

Comments.

Here will be found direct & indirect quotations from sources cited; location of the name, either relative to other names in a series or to Tax Map Keys, Land Commission Awards, Royal Patent Grants

or other cultural and topographic features readily found on published maps; cross references to variant spellings or to other names. Also included for each ahupua'a is a synopsis of its disposition at the Māhele (see Appendix A).

Lexicology.

The preferred orthography, following the Pukui & Elbert *Hawaiian Dictionary*, is given here whenever it can be ascertained. Some sources are garbled or illegible. Known misspellings, when found in published sources, are identified by an asterisk (*) but variants found only in unpublished land records are not always included.

As noted in *Place Names of Hawaii* (p.238), it is impossible to determine the meaning of a name whose pronunciation is unknown. Therefore meanings are offered only when there is no ambiguity. Many place names are purely descriptive of some physical attribute while others commemorate an event and may be couched in obscure terms. Because literal translations of commemorative names often can be erroneous they are not attempted here. Reference is made to *Place Names of Hawaii* when names are listed there.

Source.

Although this collection is based on Government documents, there is a wealth of historical writing and archaeological surveys of Kona. Accordingly, references to Hawaiian historians John Papa Ii, Samuel M. Kamakau and Henry Kekahuna, archaeologists John F. G. Stokes and John Reinecke will be found. Some references provide supplementary information about places named elsewhere in the record; some are original sources.

The Kona Historical Society is fortunate to have a number of Bishop Estate maps of its Kona lands, as well as copies of several early maps compiled by the Hawaiian Government Survey. These, together with original field notes of surveyors, reveal or help to locate many place names. J. S. Emerson was particularly good at recording traditional place names, and frequently added valuable notes about their meaning or significance. Some of the surveyors of *kuleana* rarely or never bothered to record the names of the parcels claimed or the *'ili 'aina* in which they lay.

It should be noted here that testimony given before the Boundary Commission sometimes describes boundaries which were not recognized in the work of the surveyors. This is usually true at the higher elevations, in and above the forests on the slopes of Hualalai and Mauna Loa, where lines and corners were established by triangulation rather than traverse as in the zone of cultivation. Names given to *ahupua* 'a corners by witnesses may not be where the corner is now shown on maps.

USGS quadrangles dated 1924 and 1925 were used by John Reinecke in his archaeological survey of Kona on which he located sites. These were Advance Sheets in the 7.5 minute series at scales of 1:12,000 and 1:31,680 and often contain place names not shown on the final, published sheets.

Sources are identified by means of an abbreviation or an author s name followed by the date and page of the publication. Refer to the Bibliography for full identification of the sources consulted.

Appendix A

Distribution of Kona lands at the Mahele

Catalog	T7 A.	D	D () 11	I CA N
<u>Number</u>	<u>Ka</u> <u>Aina</u>	Returned by	Retained by	LCAw. No.
		North Kona		
371.01	Puu Anahulu	J. A. Kuakini opio	Gov.	
372.02	Puu Waawaa	Kekauonohi	Crown	
372.03	Kaupulehu		Lot Kamehameha	7715:10
372.04	Kukio	Leleiohoku	Gov.	
	Kukio	Kekauonohi	Gov.	
	Kukio	A. Kaeo	Gov.	
372.05	Maniniowali	Lunalilo	Gov.	
372.06	Awakee		N. Namauu	10474:4
372.07	Makalawena		Akahi	5368:3
372.08	Mahaiula	Leleiohoku	Gov.	
372.09	Kaulana	I. Malo	Gov.	
372.10	Awalua	Lunalilo	Gov.	
372.11	Ohiki	Kanaina	Gov.	
372.12	Puu Kala	*1	$(Gov.)^2$	
372.13	Kau		Paalua	M.A. 13-B
373.14	Makaula	Pehu	Gov.	
373.15	Haleohiu	H. Hewahewa	Crown	
373.16	Hamanamana		Keelikolani	$silc^3$
373.17	Kalaoa 1	Keaweamahi	Gov.	
	Kalaoa 2	Kinimaka	Gov.	
	Kalaoa 3	Hewahewa	Gov.	
	Kalaoa 4	Leleiohoku	Gov.	
	Kalaoa 5	*	(Gov.)	
373.18	Ooma 1	Kekuaiwa	Gov.	
	Ooma 2	Kekaha	Gov.	
373.19	Kohanaiki	A. Kaeo	Gov.	
373.20	Kaloko		Lot Kamehameha	7715:11
374.21	Honokohau 1		Kekauonohi	11216:36
	Honokohau 2		Leleiohoku	9971:9
374.21.001	Elepaio	Lunalilo	Gov.	
374.21.002	Papaakoko		Lunalilo	silc
374.22	Kealakehe	Kekuapanio	Gov.	0.450.10
374.23	Keahu olu		Keohokalole	8452:12
375.24	Lanihau 1		Lunalilo	8559-B:11
	Lanihau 1	Leleiohoku	Gov.	
275.25	Lanihau 2	Kaopua	Gov.	10474.2
375.25	Moeauoa 1		N. Namauu	10474:3
275.06	Moeauoa 2		Leleiohoku	9971:27
375.26	Keopu 1		Kekauonohi	11216:39
	Keopu 2		Lunalilo Kamamalu	silc
275 27	Keopu 3	Valraua 1- :		7713:5
375.27	Honu aula Hienalo li 1	Kekauonohi Lunalilo	Gov. Gov.	
375.28	Hienaloli 2	Lulianio	Gov. Keelikolani	7716:5
	HIGHAIUH Z		Keenkorani	7710.5

Not named in Māhele Book.
 Not listed in Indices to LCAw. pp. 25-52.

³ Surrendered in lieu of commutation.

Catalog				
Number	<u>Ka Aina</u>	Returned by	Retained by	LCAw
	Hienaloli 3	Asa Kaeo	Gov.	
	Hienaloli 4	*	(A.B.C.F.M.	387) ⁴
	Hienaloli 5		Peke	8524-B:3
	Hienaloli 6	*	Gov.	
375.29	Auhaukeae 1		Kekauonohi	11216:37
	Auhaukeae 2		Leleiohoku	silc
	Auhaukeae	Lot Kamehameha	(Gov.)	
375.30	Puaa 1		Lot Kamehameha	7715:13
	Puaa 2(Waena)	Kekuaiwa	Crown	
	Puaa 3(Hema)	*	Gov.	
375.31	Waiaha 1	*	(A.B.C.F.M.	387:4)
	Waiaha 2	*	Crown (by Kalakaua)	,
375.32	Kahului 1	Leleiohoku	Gov.	
	Kahului 2		Kamaikui	8516-B:3
375.33	Puapuaa 1 (iki)	*	(Thomas Sam	4887:2)
	Puapu aa 2 (nu i)		Lunalilo	8559-B:8
376.34	Holualo a 1, 2		Kamamalu	7713:43
	Holualo a 3 (Ko oai)	L. Kealoha	Gov.	
	Holualoa 4		Loe	7228
376.34.001	Kaulehua	Kaaha	Gov.	
376.34.002	Laula	Leleiohoku	Gov.	
377.35	Kaum alumalu		Leleiohoku	9971:28
377.36	Pahoehoe 1	*	Gov.	
	Pahoehoe 2		G. Lahilahi	8520-B:3
	Pahoehoe 3	*	(Gov.)	
	Pahoehoe 4	*	(Gov.)	
377.37	Laaloa 1		Keelikolani	7716:4
	Laaloa 2	Kaunuohua	Gov.	
377.38	Kapalaalaea 1		H. Kalama	4452:2
	Kapalaalaea 2	Kahonu	Gov.	
378.39	Kahaluu		Kamamalu	7713:6
378.40	Keauhou 1		Kamamalu	7713:7
	Keauhou 2		Lot Kamehameha	7715:12
379.41	Honalo ½	Kuakamauna	Gov.	
	Honalo ½	Kekualoa	Gov.	
379.42	Maihi 1		Kinimaka	7130:2
	Maihi 2	Leleiohoku	Gov.	
379.43	Kuamoo (½)	Leleiohoku	Gov.	
2=0.44	Kuam oo (1/2)		Kealakai	703
379.44	Kawanui 1	*	(Gov.)	0.5.5.0.7.4.0
250 45	Kawanui 2		Lunalilo	8559-B:10
379.45	Lehuu la 1 (nui)	T . TZ . 1 . 1	Lunalilo	8559-B:9
270.46	Lehuu la 2 (iki)	Lot Kamehameha	Gov.	0550 D 7
379.46	Honuaino 1 (nui)	*	Lunalilo	8559-B:7
	Honu aino 2 (iki)		(Chas. Hall	614)
	Honuaino 3	Leleiohoku *	Gov.	
	Honuaino 4	**	(Gov.)	7712.0
370 46 001	Honuaino Papalele	Pehu	Kam amalu Gov	7713:8
379.46.001 379.47	Papalele	Lot Kamehameha	Gov. Gov.	
	Hoku kano 1, 2 Kanau eue 1, 2	Keoh okalole	Gov. Gov.	
379.48	Kanaueue 1, 2	REUHUKATUTE	GUV.	

⁴ Not found in Māhele Book but ahupua'a awarded by Land Commission.

Catalog <u>Number</u>	<u>Ka Aina</u>	Returned by	Retained by	<u>LCAw</u>
		South Kona		
381.01	Halekii	*	(A.B.C.F.M.	387) ⁵
381.02	Keekee	Lot Kamehameha	Gov.	
	Keekee	Keohokalole	Gov.	
381.03	Ilikahi		Keohokalole	M.A. 2
381.04	Kanakau 1		Keohokalole	silc
	Kanakau 2	Lunalilo	Gov.	
381.05	Kalukalu 1	N. Namauu	Gov.	
	Kalukalu 2	Leleiohoku	Gov.	
381.06	Onou li 1		Keohokalole	8452:11
	Onou li 2	Lunalilo	Crown	
381.07	Keopuka 1	Lot Kamehameha	Gov.	
	Keopuka 2	Kahonu	Gov.	
	Keopuka 2	Kanae	Gov.	
381.08	Kaawaloa		Keohokalole	8452:10
382.09	Kealakekua		Keohokalole	8452:9
382.10	Kiloa 1 (nui)	Leleiohoku	Gov.	
	Kiloa 2 (iki)	Lunalilo	Gov.	
382.10.001	Kauahia	J. J. Huanu	Gov.	
382.11	Waipunaula 1	Ii	Gov.	
	Waipunaula 2	Kalaimoku	Gov.	
382.12	Kalama			
382.12.001	Kalama-kumu (1)		Kanaina	8559:6
382.12.002	Ililoa		Kamaikui	8516-B:2
382.12.003	Kalama-umi (2)	Kaunuohua	Gov.	
382.12.004	Kalama-kowali (3)	E. Kuhia	(Sold to Gov.)	
382.12.005	Kalama-kapala (4)		Kanaina	silc
382.12.006	Kalama-waiawaawa (5)	Kekauonohi	Gov.	
382.13	Kahauloa 1		Kanaina	silc
	Kahauloa 2		Kanele	M.A. 32
383.14	Keei 1		Akahi	5368:4
	Keei 2		Konia	5524:5
383.14.001	Kipu	Ke[kuhaupio]	Gov.	
384.15	Honaunau		Kekauonohi	1216:34
384.16	Keokea		Kekuanaoa	7712:1
385.17	Kiilae		Hueu	8521-B:3
385.18	Kauleoli	*	(Gov.)	70 (0.0
385.19	Kealia 1		Akahi	5368:2
	Kealia 2		Keelikolani	7716:2
385.19.001	Kaiko	Lunalilo	Gov.	00=4.00
386.20	Hookena		Leleiohoku	9971:29
386.21	Kauhako	Lunalilo	Gov.	35 4 50
386.22	Kalahiki		Kinimaka	M.A. 59
386.22.001	Kapuai	Hoe	Gov.	
386.23	Waiea	Keelikolani	Gov.	
206.24	Waiea	Kekuanaoa	Gov.	7712.0
386.24	Honokua	*	Kamamalu	7713:9
387.25	Pahoehoe A 1-4		Gov.	
387.00.001	Kamakaolohe ⁶	Kainaina	Gov.	
387.26	Maunaoni	Keelikolani	Gov.	
	Maunaoni 1-7	Kamamalu	Gov.	

Not named in M\(\text{\tilde{a}}\) hele Book but ahupua'a awarded by LC.
 'Ili k\(\tilde{u}\)pono in Pahoehoe, Kona probably in Pahoehoe A or B, but possibly in North Kona.

387.27	Makuu 1, 2	Kamamalu	Gov.	
	Makuu		I. Kaiama	11293
387.28	Haleili	Kamamalu	Gov.	
387.29	Haukalua 1	George Holmes	Gov.	
	Haukalua 2		Kam amalu	7713:44
387.30	Alae 1, 2	I. Kaeo	Gov.	
387.31	Pahoehoe B 1	Keelikolani	Gov.	
	Pahoehoe B 2		Pane	8519-B:3
	Pahoehoe B 3	Kanele	Gov.	
387.32	Kaohe 1	Kanaina	Gov.	
	Kaohe 2		Gov.	
	Kaohe 3	Kanele	Gov.	
	Kaohe 4		Nahua	M.A. 2571
	Kaohe 5	*	Gov.	
387.33	Waikakuu	*	(Gov.)	
387.34	Kukuiopae	Nahua	Gov.	
387.35	Kolo	Lunalilo	Gov.	
387.36	Olelom oana 1, 2	*	(Gov.)	
387.37	Opihih ali	Kapaakea	Gov.	
	Opihih ali	Kekauonohi	Gov.	
	Opihih ali 2	Makaulia	Gov.	
	Opihihali 1 & 2	Kamamalu	Gov.	
387.38	Kaapuna		Makaulia	10218
	Kaapuna		Kapaakea	(none)
388.39	Kipahoehoe 1	Kam amalu	Gov.	
	Kipahoehoe 2	Leleiohoku	Gov.	
388.40	Alika	Leleiohoku	Gov.	
	Alika	A. Kaeo	Gov.	
388.41	Papa 1 & 2	Akahi	Gov.	
389.42	Anapuka	Kamamalu	Gov.	
389.43	Hoopuloa	Kamamalu	Gov.	
389.44	Milolii	Leleiohoku	Gov.	
389.45	Omokaa	Leleiohoku	Gov.	
389.46	Kalihi		Kekauonohi	11216:38
389.47	Honomalino	Lunalilo	Crown	
389.48	Okoe 1, 2	Leleiohoku	Gov.	
	Okoe	Keaw eaheulu	Gov.	
389.49	Kapua		Leleiohoku	9971:30
389.50	Kaulanamauna	Kalaimoku	Gov.	

Appendix B

Alphabetical Index of Lands of Kona

North Kona

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Kalama-kumu	382.12.001	Omokaa	389.45
Kalama-umi	382.12.003 382.12.006	Onouli	381.06
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Kapuai Kauahia	382.10.001		
radullia	502.10.001		

Bibliography

Abbreviations u	sed in sources and comments:
AB	Land Commission, Awards Book
AH	Archives of Haw aii
ВС	Boundary Certificate No. (volume:page)
ВСТ	Boundary Commission Testimony
BE	Bishop Estate Map No
FB	Field Book Reg. No
FR	Land Commission, Foreign Register
FT	Land Commission, Foreign Testimony
GR	Index of All Grants Part I
GR(III	Index of All Grants Part III
IDLL	Interior Dept., Land, Letters (Incoming). Archives of Hawaii.
IN	Indices of Awards, Land Commission
KK	Kekahuna & Kelsey, Kamehameha in Kailua
LCAw	Land Commission Award
MB	Mahele Book
ms	manuscript
n.d.	no date
NR	Land Commission, Native Register
NT	Land Commission, Native Testimony
PE	Pukui & Elbert, Hawaiian Dictionary
PEM	Pukui, Elbert & Mookini, Place Names of Hawaii
PILF	Public Instruction Letter File, AH
RM	Registered Map No
RPG	Royal Patent Grant No
TM	Tax Map (zone, section, plat)
TMK	Tax Map Key (zone, section, plat, parcel)
UL	Emerson, N. B., Unwritten Literature of Hawaii.
USGS	United States Geological Survey
B 1 11 14	
Beckwith, Mart	
1970 Bishop Estate N	Hawaiian Mythology. Honolulu: Univ. of Hawaii Press.
554	[Topography of Kahaluu - Keauhou 1 & 2 Between Mamalahoa Highway and Kahaluu
334	Forest Reserve. Survey & Map by G. Podmore.] n.d. Scale 1"=200'
1243	Keauhou 2, North Kona, Hawaii, Makai of Government Main Road. Survey & Map by
1243	H. K. Keppeler. 1924-25.
2211	Map Showing Makalawena, R.P. 7731, LCA 5368, Ap. 3 to A. Akahi. Bdry Cert. 152. North
	Kona, Hawaii.Survey by H. K. Keppeler. May 1930. Scale 1"=1000'
2254	Plan and Profile of Holua or Tobogg an Slide at Puu Hinahina, Kapua, South Kona, Hawaii.
	Survey & Map by H. K. Keppeler in conjunction with Archaeological Survey by E. H. Bryan and
	K. P. Emory. Scale 1"=20'

Boundary Commission

2525

Kingdom of Hawaii. Boundary Commission. Honolulu. AH microfilm.

E. H. Bryan of the Bishop Museum. Nov. 1932. Scale 1"=100'

- n.d. Boundary Certificate No.
- n.d. Testimony.
- Bryan, Edwin H. Jr., and Kenneth P. Emory
 - 1986 The Natural and Cultural History of Honaunau, Kona, Hawaii. Bishop Museum Dept. of Anthropology Report Series 86-2. Honolulu.

Portion of Kapua, South Kona, Hawaii. Beach from Okoe Boundary to Kaupo

Survey & Map by H. K. Keppeler in conjunction with Archaeological Survey by K. P. Emory &

Bay.

- Coulter, John Wesley
 - 1935 A Gaze teer of the Territory of Hawaii. Univ. Of Hawaii Research Pub. 11. Honolulu.

Elbert, Samuel H.

1959 Selections from Fornander s Hawaiian Antiquities. Honolulu: Univ. of Hawaii Press.

Ellis, William

1917 A Narrative of a Tour Through Hawaii. Honolulu: Hawaiian Gazette Co., Ltd.

Emerson, Nathaniel B.

1909 Unwritten Literature of Hawaii: the Sacred Songs of the Hula. Bureau of American Ethnology Bul. 38. Washington.

Emory, Kenneth P., and Lloyd J. Soehren

1971 Archae ological and Historical Survey, Honokohau Area, North Kona, Hawaii. Bishop Museum Dept. Of Anthropology Report Series 61-1. Rev.ed. 1971. Honolulu.

Field Books in State Survey Office: Reg. No.

- J. S. Emerson. Kona, Hawaii. 1883.
- J. S. Emerson. Kona, Hawaii. Triangulation & Summary. 1882.
- J. S. Emerson. Primary Triangulation, Kona, Hawaii. Vol. 5. 1883.
- J. S. Emerson. Primary Triangulation in Kona. Vol. VII. 1884.
- J. S. Emerson. Primary Triangulation in Kona. Vol. VIII. 1884.
- J. S. Emerson. Kona Detail, Hawaii. [Vol.] IV. 1888.
- J. S. Emerson. Kona Detail, Hawaii. [Vol.] VI. 1888.
- J. S. Emerson. Kona Detail, Hawaii [Vol.] I. 1885.
- 493 George F. Wright. Ooma Homesteads, Kealakehe Tract, N. Kona, Hawaii. 1902.
- J. M. Alexander. Keauhou 2nd, Puaa 1. 1885.
- J. M. Alexander. Survey of Keauhou 2nd. Sept. 16, 1885.

Finney, Ben R.

1959 Surfing in Ancient Hawaii. In Jrnl of the Polynesian Society 68(4):327-347.

Fornander, Abraham

- 1916- Hawaiian Antiquities and Folklore. Mem oirs B. P. Bishop Mus. Vol. 4.
- 1917 Honolulu.

1969 An Account of the Polynesian Race. Vols. I-III. Rutland and Tokyo: Charles E. Tuttle.

Ii, John Papa

1959 Fragments of Hawaiian History. Honolulu: Bishop Museum Press.

Index of All Grants and Patents Land Sales. [Part I, Arranged by Locality; Part III, Issued to the

Board of Education.] Territory of Hawaii, Commissioner of Public Lands. Honolulu. 1916.

 $Indices\ of Awards\ Made\ by\ the\ Board\ of\ Commissioners\ to\ Quiet\ Land\ Titles\ in\ the\ Hawaiian$

Islands. Territory of Hawaii, Commissioner of Public Lands. Honolulu. 1929.

Interior Dept., Land, Letters (IDLL). Archives of Hawaii.

- 1850 Dec. 23 Lands set apart for Educational Purposes [Incorrectly dated by AH; should be ca. 1896]
- 1851 Oct. 13 Samuel W. Makaike to Limaikaika
- 1864 May 23 S. C. Wiltse, Govt. Land Agent [to Minister of Interior]
- 1888 January 9 W. D. Alexander to L. A. Thurston List of lands omitted in the Mahele of 1848" Kamakau, Samuel M.
 - 1961 Ruling Chiefs of Hawaii. Honolulu: Kameham eha Schools Press.
 - 1964 Ka Po e Kahiko (The People of Old). Bishop Museum Spec. Pub. 41. Honolulu.
 - 1976 The Works of the People of Old. Bishop Museum Spec. Pub. 61. Honolulu.

Kekahuna, Henry P. [Interpretive maps of historic sites in KHS collection]

- 1950 Pakiha Enclosure & Vicinity. 9/14/50.
- 1952 Kahaluu Beach. 3/15/52.
- 1953a Kai-a-ke-akua, Now Known as Kailua Bay. 6/10/53.
- 1953b Ka Hale Pua Ilima. 6/20/53.
- 1953c Ka Hale Pua Ilima. 6/25/53.
- 1953d Ka-ua-lii-lii Heiau & Vicinity. 10/17/53.
- 1953e Famous Royal Holua, or Slide, at Keauhou. 11/15/53.
- 1953f [Keauhou Coast North of Heeia Bay] 11/20/53.
- 1953g [Kealakowaa Heiau] 12/23/53.
- 1954a Ahuena Heiau. 7/10/54.
- 1954b [Keauhou Bay Sites] 9/20/54.
- 1955a [Kamehameha III Birthplace] 4/15/55.
- 1955b Kai-a-ke-akua, Now Known as Kailua Bay. 5/1/55.

Kekahuna, Henry P., and Theodore Kelsey

Ka me hame ha in Kailua. *Hilo Tribune-Herald*. Hilo. 37 articles pb. Feb. 28 to April 5. (Also pub. in *Hono lulu Star-B ulletin* March 17,18,19,21,22.)

King, Robert D.

Districts in the H awaiian Islands. In J. W. Coulter, comp., A Gazetteer of the Territory of Hawaii. Honolulu: University of Hawaii.

Land Commission

1846 Kingdom of Hawaii. Board of Commissioners to Quiet Land Titles. Honolulu. AH.

n.d. Awards Book

n.d. Foreign Register

n.d. Foreign Testimony

n.d. Native Register

n.d. Native Testimony

Mahele Book.

1848 Buke Kakau Paa no ka mahele aina I hooholoia iwaena o Kamehameha 3 a me Na Lii a me Na Konohiki ana. Hale Alii Honolulu. [He kope 1868] AH.

Malo, David

1951 Hawaiian Antiquities. Bishop Museum Spec. Pub. 2. Honolulu

Mitchell, Hugh C.

1930 Triangulation in Hawaii. U. S. Dept. Of Commerce, Coast and Geodetic Survey Spec. Pub. 156. Washington: GPO.

Public Instruction Letter File. Archives of Hawaii.

1867 Nov. 2

1886 April 21

Pukui, Mary Kawena, and Samuel H. Elbert

1986 Hawaiian Dictionary: Hawaiian English, English-Hawaiian. Honolulu: Univ. Of Hawaii Press.

Pukui, Mary Kawena, Samuel H. Elbert, and Esther T. Mookini.

1974 Place Names of Hawaii. Honolulu: Univ. Press of Hawaii.

Registered Maps in State Survey Office: Reg. Map No.

- Plan of a Section of the Government Land of Honuaula in North Kona, Hawaii. n.d. Surveyed into 50 Ac. Lots by S. C. Wiltse.
- Map of K eauhou 2nd, Kona, Hawaii Survey ed by J. M. Alexander, 1886. Scale 1 in ch = 3000 ft.
- 1280 Kailua Section, North Kona, Hawaii Survey and Map by J. S. Emerson. n.d. Traced from Registered Map 1280 by Herman K. Aki. Aug. 1952. Scale 1" = 2000'
- 1325 Kailua Bay Surveyed and Drawn by George Ed. Greseley Jackson. June 1883. Scale 1 inch = 500 ft.
- 1448 [North Kona, Hawaii] Akah ipuu Section No. 3. 1887-88.
- Kailua To wn and Vicinity, North Kona, Hawaii Survey by J. S. Emerson and S. M. Kanakanui. Scale 1 inch = 200 ft. Traced from Government Survey Registered Map 1676.
- Plan of H:ookena Section, S. Kona, Hawaii. S. M. Kanakanui, Nov. 11, 1895. Traced from Reg. 1745. n.d. Scale 500 feet = 1 inch.
- Honaunau Section, South Kona, Hawaii. W. A. Wall, 1895-1896. Traced from Govt. Survey Reg. Map No. 1796 by Jas. Iao. July 1919. Scale 1 inch = 2000 ft.
- [Government Lands in No rth Kona, Hawaii, from Kukio to Kohanaiki, North Kona, Hawaii] n.d. Scale 1 inch = 1000 ft. Traced from Registered Maps Nos. 1446, 1447, 1448 Akahipuu Section.
- [South Kona, Hawaii. General Map, Okoe to Waiea. Survey and Map by Geo. F. Wright. March 1909. Scale 1 inch = 1000 ft.]

Reinecke, John

ms

Archaeo logy of West Hawaii, 1929-1930. Ty pescript in Bishop Museum library.

- (1) Kailua to Kalahuipuaa
- (2) Kapalaalaea to Lanihau
- (3) Kahaluu
- (4) Keauhou
- (5) Ono uli to Hon alo
- (6) Kaawaloa and Keopuka

- (7) Honaunau to Kaawaloa
- (8) Honaunau to Kaulanamauna

Revised Laws of Hawaii.

1925

Royal Patent Grant: [issued by the Kingdom of Hawaii covering sales of government lands.] State of Hawaii, Dept. of Land and Natural Resources, Bureau of Conveyances. Honolulu.

Stearns, Harold T.

1966 Geology of the State of Hawaii. Palo Alto: Pacific Books.

Stearns, Harold T. and Gordon A. Macdonald

Topographic and Geologic Map of Hawaii In Geology and Groundwater Resources of the Island of Hawaii. Hawaii Division of Hydrography Bulletin 9. Honolulu.

Stokes, John F. G.

1991 Heiau of the Island of Hawaii. Bishop Museum Bul. In Anthropology no. 2. Honolulu.

Tax Maps. County of Hawaii, Dept. Of Taxation. Hilo. Various dates. Thrum, Thomas G.

1907a Heiaus and Heiau Sites Throughout the Hawaiian Islands. Hawaiian Almanac and Annual for 1908. pp. 38-47.

1907b Tales from the Temples. Hawaiian Almanac and Annual for 1908. pp. 48-78.

1916 Ahua a Um i. Hawaiian Almanac and Annual for 1917. pp. 62-70.

United States Geological Survey

various dates, 7.5 minute series topographic maps.

10	Anaehoomalu 1959, 1982	39	Puu o Uo 1956, 1981
11	Puu Hinai 1956, 1982	47	Honaunau 1959, 1982
18	Makalawena 1959, 1982	48	Kaunene 1960, 1982
19	Kiholo 1959, 1982	49	Sulphur Cone 1966, 1981
20	Puu Anahulu 1959, 1981	50	Mauna Loa 1966, 1981
21	Keamuku 1956, 1982	56	Kauluoa Point 1962, 1981
27	Keahole Point 1959, 1982	57	Puu Pohakuloa 1963, 1982
28	Kailua 1959, 1982	65	Milolii 1962, 1981
29	Hualalai 1959, 1982	66	Papa 1962, 1981
30	Naohuleelua 1956, 1982	67	Puu o Keokeo 1967, 1981
37	Kealakekua 1960, 19982	71	Manuka Bay 1962, 1981
38	Puu Lehua 1959, 1982	72	Pohue Bay 1962, 1981

Wilkes, Charles

Narrative of the United States Exploring Expedition. Vol IV, pp.99-100. Philadelphia: Lea and Blanchard.