

**The Insect Collection Numbers of R.C.L. Perkins's  
Collecting in the Hawaiian Islands for the  
Sandwich Islands Committee**

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(Editor)

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## **SUMMARY**

The collection numbers used by R.C.L. Perkins in his labeling of insect specimens collected from 1892–1901 in the Hawaiian Islands on behalf of the Sandwich Islands Committee of the British Association for the Advancement of Science are listed with associated locality data. Notes on clarification on some localities is given based on evidence from specimens, correspondence, or the journals and remembrances of Perkins.



## BACKGROUND AND EXPLANATION OF NUMBERING

In March 1892, Robert Cyril Layton Perkins (1866–1955) arrived in Honolulu to begin a 10-year sojourn to survey and collect animals of the Hawaiian Islands on behalf of the Sandwich Islands Committee. The Committee was formed by the British Association for the Advancement of Science in 1890 and given the charge of assessing the status of the zoology of the Hawaiian Islands. The results of Perkins's collecting was the 3-volume *Fauna Hawaiiensis*, which appeared in parts from 1899–1913.

During three expeditions to the islands, Perkins surveyed the islands of Kaua'i, O'ahu, Moloka'i, Lāna'i, Maui, and Hawai'i. He had hoped to join a small expedition to Necker in 1895 but a delay in departure of the vessel going there forced him to instead head to Maui. The First Expedition was from 1892–1894; the Second Expedition was from 1895–1897; the Third Expedition was from 1900–1901. In the first two expeditions, Perkins was tasked with collecting all animals—he focused primarily on birds, insects, and snails. The second expedition was chiefly to fill in gaps of both birds and insects that were missed during the first expedition. The third expedition was restricted just to insects. During the last expedition, Perkins was also heavily involved in the biological control activities of Albert Koebele and the two often collected together: Koebele collecting pests and monitoring introduced biological control agents; Perkins collecting native insects where he could find them.

During his collecting for the Sandwich Islands Committee, Perkins's collecting regimen on various islands followed a pattern: collect in the field, return with collections to Honolulu, pin selected specimens not already pinned in the field, pack specimens, number the specimen lots with field numbers and associated data (plants hosts, observations, etc.), and send them to England before heading on the next field trip. The specimens were all dispatched under the care of Wells Fargo & Co. and would take approximately one month to travel from Honolulu by steamer to the west coast of North America and across the continent to New York and then on to England where they made their way to Cambridge University. There they were held awaiting the arrival of Perkins to sort and send out specimens to specialists. All of the specimens sent in this fashion arrived safely at their destination.

At Cambridge University, the lots of specimens were removed from their various boxes and tubes by collection technicians and mounted and re-associated with their field numbers (field numbers and data being re-written by these technicians from the original handwritten notes of Perkins that were sent with the specimens). The associated data (mostly biological observations such as rearing and host information) written by Perkins was correctly associated for all specimens except those from the Third Expedition (1900–1901). According to correspondence from Perkins, apparently the technician in Cambridge cut the strips of paper with numbers and associated data and failed to re-

associate the host data with the numbers. Thus, all the notes that Perkins had made on those collected during those years were lost.

### **EXPLANATION OF FORMAT**

The list presents the numbers as given in lists that were copied and deposited in major libraries that housed insects collected by Perkins for the Sandwich Islands Committee. Copies of lists from the following institutions have been seen by me, data of which is incorporate here: the Natural History Museum, Cambridge University, and the Bishop Museum. Slight differences are found in only a few entries and all are due to incorrect deciphering of handwriting (either of Perkins or others).

The tabular presentation gives the collection number, the island, the specific locality, date (with months abbreviated to the first three letters), elevation (in feet as originally given by Perkins), and any ancillary data added from Perkins's notes. Additionally notes are added in square brackets, based upon correspondence of Perkins or from his journals and remembrances, to help correct or clarify the data given. In a few cases a date or location may be incorrect or vague. If more precise information is known it is given.

### **ACKNOWLEDGMENTS**

I thank the following for assistance with obtaining copies of lists from their respective institutions: William Flower (Cambridge University), Julie Harvey (Natural History Museum, London). Gordon Nishida (University of California, Berkeley) encouraged me to compile and present this information.



Insect Field Collection Numbers of R.C.L. Perkins

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
1	Oahu	Waianae mountains	Apr 1892	3000	beaten from various trees	
2	Oahu	Waianae mountains	Apr 1892	3000	dead, under bark; <i>Rhyncogonus</i> , 1 spec.	
3	Oahu	Waianae mountains	Apr 1892	Above 3000		
4	Oahu	Waianae mountains	Apr 1892		fungus	
5	Oahu	Kaala mountains	26 Mar 1892	1500	under & in decaying oranges (II)	This appears to have been the second collection made by Perkins in Hawai'i (cf. collection no. 15 below)
6	Oahu	Waianae mountains	Apr 1892	2000-3000	under bark & from dead wood of koa trees	
7	Oahu	Waianae mountains	Apr 1892		from kukui wood	
8	Oahu	Waianae mountains	Apr 1892		beaten from flowers & branches & from inside fruit of isolated trees	
9	Oahu	Near Honolulu	May 1892		forests, from hau trees	
10	Oahu	Waianae mountains	Apr 1892		casually taken whilst shooting	
11	Oahu	Kaala mountains	Apr 1892		decayed koa bark; 2 specimens (XI)	
12	Oahu	Waianae mountains	Apr 1892		various trees	
13	Oahu	Waianae mountains	Apr 1892	2000	beaten from orange trees	
14	Oahu	Waianae mountains	Apr 1892	2000		
15	Oahu	Kaala mountains	Mar 1892	1500	the <i>Scaphidium</i> from decaying trees (I)	Since the Roman numerals in the associated data of Perkins appear to be in chronological order, it is assumed that the date of collection for this field number must be on or before 26 March (cf. collection No. 5, which has Roman numeral II).
16	Oahu	Waianae mountains	Apr 1892		dead leaves	
17	Oahu	Waianae mountains	Apr 1892	2500	a pair taken <i>in cop.</i> on unknown plant	
18	Oahu	Kaala mountains	—		decayed wood	
19	Oahu	Waianae mountains	Apr 1892		the staph. from koa wood	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
19*	Oahu	Lanihuli Ridge	Oct 1892			
20	Oahu	Waianae mountains	Apr 1892	2000	fungi & dead wood	
21	Oahu	Waianae mountains	Apr 1892	2000-3000	beaten from dead koa branches	
22	Oahu	Waianae mountains	[Apr 1892]	[2000-3000]	beaten from dead koa branches	
23	Oahu	Waianae mountains	Apr 1892	2000	from kukui tree	
24	Oahu	Waianae mountains	[Apr 1892]	2000	(XIV & XV)	from fungi on dead trees (see biological note XIV for no. 27)
25	Oahu	Waianae mountains	Apr 1892	1700		
26	Oahu	Waianae mountains	Apr 1892		kukui tree	
27	Oahu	Waianae mountains	Apr 1892	2000	fungi on dead trees (XIV)	this collection was apparently made at the same time as collection no. 24 (see above)
28	Oahu	Waianae mountains	Apr 1892	3000	beaten from shrub	
29	Oahu	Waianae mountains	Apr 1892		kukui tree	
30	Oahu	Forest near Honolulu	May 1892		beaten from native apple tree	
30*	Oahu	Oahu mountains	winter months	2500		
31	Oahu	Waianae mountains	Apr 1892		Carabidae under bark; the weevil ( <i>Carpophilus</i> ) in house, 3000 ft.	
32	Oahu	Kawailoa gulch; near head of left branch	Apr 1893		rocks in stream	
33	Oahu	Halemano	Jan 1893	2000	from koa	[= Helemano]
34	Oahu	Kaala mountains	Dec 1892	2000	in very wet decaying log of kukui, <i>Aleurites</i>	
35	Oahu	Waianae mountains	Apr 1892	2000		
36	Oahu	Waianae mountains	Apr 1892	2000		
37	Oahu	Waianae mountains	Mar 1893			
38	Oahu	Konahuanui	Nov 1892	3000	in stem of fern	
39	Oahu	Mountains near Honolulu	27 Dec 1892	2000		
40	Oahu	Kaala mountains	Dec 1892	2000	anobiids	
41	Oahu	Kawailoa gulch	Mar, Apr 1893		all from the gulch itself & very far up; about 56 spec.	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
42	Oahu	Lanihuli ridge, near Honolulu	27 Oct 1892	nearly 3000	from leaves of trees (pair of <i>Disenochus</i> )	
43	Oahu	Mountains near Honolulu	Oct 1892	2500		[probably Nu'uauu area]
44	Oahu	Ridges round Nuuanu Valley	Nov 1892			
45	Oahu	Koolau range, far back of Waialua	Jan 1893	2000	under stones in wet gulches	
46	Oahu	Lanihuli ridge	Oct 1892	2000	in stems of various flag-like plants growing in tufts	[after 24 October 1892]
47	Oahu	Mountains near Honolulu	27 Oct 1892	2000	under bark	[Waiolani Ridge side of the Nu'uauu Valley up to Lanihuli]
48	Oahu	Ridges round Nuuanu Valley	Nov 1892	2000 & up		[before 6 November 1892]
49	Oahu	Head of Kawaihoa gulch	Apr 1893			
50	Oahu	Koolau range, mountains above Waialua	Mar 1893		beaten	
51	Oahu	Kaala mountains	Dec 1892	3000		
52	Oahu	Kaala mountains	Dec 1892	3000	note/ extraordinarily hairy	
53	Oahu	Kaala mountains	Dec 1892	2500		
54	Oahu	Kawaihoa	[Feb-Apr 1893]		base of leaves of <i>Freycinetia</i>	
55	Oahu	Koolau range behind Waialua	Mar 1893	2000	under stone in wet gulch	
56	Oahu	Kaala mountains	Jan 1893	2000		
57	Oahu	Kaala mountains	Dec 1892	3000		
58	Oahu	Kawaihoa gulch	Feb 1893	2000		
59	Oahu	Mt. Kaala	Jan 1893			
60	Oahu	Mt. Kaala	Dec 1892	2000		
61	Oahu	Mountains behind Honolulu	Nov 1892	2000 & up		[Nu'uauu Valley; before 6 November 1892]
62	Oahu	Kaala mountains	Dec 1892	2000	from decaying kukui nuts	
63	Oahu	Mountains near Honolulu	Oct, Nov 1892	above 2000		[Nu'uauu Valley; between 24 Oct and 6 November 1892]
64	Oahu	Mt. Kaala	Dec 1892		high up mountain in gulches	
65	Oahu	Kawaihoa gulch	Apr 1893		far up gulch	
66	Oahu	Kawaihoa gulch	Apr 1893	2000	under wet log	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
67	Oahu	Mountains near Honolulu	Oct, Nov 1892	2500–3000	<i>Heterhamphus</i> in lilies; carabids lillie & ferns	[Nu'uuanu Valley; between 24 Oct and 6 November 1892]
68	Oahu	Ridge near head of Kawailoa gulch	Apr 1893		beaten from tree	
69	Oahu	Kaala mountains	Dec 1892			
70	Oahu	Mountains near Honolulu	[Oct, Nov. 1892]	2000	from lillies	
71	Oahu	Mountains above Waialua	Mar 1893	2000		[probably the Ko'olau range, not Waianaes]
72	Oahu	Mountains near Honolulu			at base of leaves of <i>Freycinetia</i>	
73	Oahu	Kaala mountains	Dec 1892	3000		
74	Oahu	Mountains behind Waialua	Feb [1893]	1000		[originally transcribed in the Cambridge list as "II '92" which is impossible since Perkins did not arrive in Hawaii until March 1892; since this locality is where he was in 1893, it is assumed here that the date is correctly "II '93"]
75	Oahu	Kaala mountains	Dec 1892	3000		
76	Oahu	Mountains near Honolulu	24 Oct 1892	2000+	under bark with larvae preserved in spirit marked "B"	[Nu'uuanu Valley; after 24 October]
77	Oahu	Mountains behind Waialua, Kawailoa gulch	Apr 1893	2000		
78	Lanai	behind Koele	Feb 1894			[before 21 February 1894]
79	Lanai	Lanai gulch	Jan, Feb 1894	about 2000	carabid, 2 black legged under bark	[before 23 February 1894]
80	Lanai	Lanai gulch	Jan 1894	2000		
81	Oahu	Kaala	May, Jun 1894			
82	Lanai	behind Koele	Feb 1894			[before 23 February 1894]
83	Lanai	—	1894	about 2000		[before 23 February 1894]
84	Lanai	—	Dec 1893	about 2000		[after 11 December 1893]
85	Lanai	—	Oct 1893	sea level		[probably an error in transcription for December; Perkins did not arrive on Lāna'i until 11 December 1893]
86	Lanai	—	Jan 1894	above 2000		
87	Lanai	behind Koele	Feb 1894			[before 21 February 1894]

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
88	Lanai	behind Koele	Jan 1894	above 2000		
89	Lanai	near Koele	Jan 1894	above 2000		
90	Lanai	windward side, looking to Maui	Feb 1894	2000	all from pua trees (except <i>Oodemas</i> ) chiefly anobiids	[before 21 February 1894]
91	Lanai	—	Jan 1894	about 2000		
92	Lanai	—	Dec 1893	about 2000		[after 11 December 1893]
93	Lanai	—	Jan 1894	3000		
94	Lanai	near Koele	Jan 1894			
95	Molokai	Pelekunu	Oct 1893			[after 9 October 1893]
96	Lanai	above Waipaa	Feb 1894	about 3000		[before 21 February 1894]
97	Molokai	leeward side	Oct 1893	sea level or nearly		
98	Lanai	leeward	Jan, Feb 1894	about 2000	anobiids all from pua trees	[before 23 February 1894]
99	Lanai	near Waipaa	Feb 1894	above 2000		[before 23 February 1894]
100	Lanai	near Waipaa	Feb 1894			[before 23 February 1894]
101	Lanai	above Waipaa	Feb 1894	about 3000	Heteroptera	[before 23 February 1894]
102	Lanai	above Waipaa, looking to Maui	Feb 1894	about 3000	<i>Cis</i> & parasitic Hymenoptera	[before 23 February 1894]
103	Lanai	windward side	Feb 1894		anobiids in cop. off pua trees	[before 23 February 1894]
104	Lanai	near Waipaa	[Feb 1894]	about 2000		[before 23 February 1894]
105	Lanai	near Waipaa	[Feb 1894]	about 2000	off pua trees, 2 very minute staphs.	[before 23 February 1894]
106	Molokai	Pelekunu	Oct 1893			[after 9 October 1893]
107	Lanai	on main ridge	Feb 1894	3000		[before 23 February 1894]
108	Molokai	[Pelekunu]	Oct 1893	3000		[after 9 October 1893]
109	Lanai	—	—	[sea level]	ants & beetles, coast species under logs	[between 11 December 1893 and 23 February 1894]
110	Maui	Haleakala	5 Apr 1894	5000	the brown largest <i>Oodemas</i> from akala stem	
111	Maui	Haleakala	Apr 1894	5000		
112	Maui	Haleakala, Olinda	31 Mar 1894	4000		
113	Maui	Haleakala	Apr 1894	5000	by grubbing	
114	Maui	Haleakala	20 Mar 1894	5000		

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
115	Maui	Haleakala	Mar 1894	5000	the larger sp ( <i>Cyclothorax</i> ) in moss & on leaves of growing trees	
115	Maui	Haleakala	Mar 1894	4500	the smaller (gen.?) [than above] under stones	
115	Maui	Haleakala	Mar 1894	5000	single brown specimen	
116	Maui	Haleakala	Apr 1894	5000	all under bark	
117	Maui	Haleakala	Apr 1894	4500		
118	Maui	[Wailuku]	[1894]		top layer Wailuku mutilated odyneroid	[April or May]
118	Maui	Iao Valley	Apr, May 1894		bottom layer IV & V '94	
119	Oahu	Pauoa	—			[possibly Pauoa flats area]
120	Maui	Haleakala	6 Apr 1894	5000		
121	Maui	Haleakala, woods below Olinda	18 Mar 1894	above 5000		
122	Maui	Haleakala	Apr 1894			
123	Maui	Haleakala	Mar 1894	5000		
124	Maui	Haleakala	11 Apr 1894	9000	1 <i>Proterhinus</i>	
124	Maui	Haleakala	11 Apr 1894	9000	3 thrips	
124	Maui	Haleakala	11 Apr 1894	nearly 10,000	2 staphs	
125	Maui	Haleakala	5-6 Apr 1894	5000		
126	Maui	Haleakala	9 Apr 1894	9000-10,000		
127a	Maui	Haleakala	15 Mar 1894	5000		
127b	Maui	Haleakala	16 Mar 1894	5000		
127c	Maui	Haleakala	18 Mar 1894	5000		
128	Maui	Haleakala	[1894]	above 5000		
129	Maui	Haleakala	10 Apr 1894	5000	top layer <i>Oodemus</i> (2 species) & <i>Proterhinus</i> from Akala stems	
130	Maui	Haleakala	Apr 1894	8000	Diptera	
130	Maui	Haleakala	Apr 1894	9500	carabid	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
130	Maui	Haleakala	Apr 1894	9000	the rest [of above]	
131	Lanai	above Koele, Mahana?	July 1894	3000		[before 13 July 1894]
132	Lanai	Halepaakai	July 1894			[before 13 July 1894]
133	Lanai	Lanaihale	July 1894			[before 13 July 1894]
134	Lanai	Halepaakai	July 1894			[before 13 July 1894]
135	Lanai	Lanai summit	July 1894			[before 13 July 1894]
136	Lanai	Halepaakai	July 1894		bugs	[before 13 July 1894]
137	Lanai	Halepaakai	Jan 1894		<i>Straussia</i>	
138	Hawaii	Kona	August 1894	3000		
139	Hawaii	Kilauea	July 1894			[after 22 July 1894 arrival date]
140	Hawaii	Kona	Aug 1894	3000		[before 15 August 1894]
141	Molokai	—	28 Aug 1893	4500 upwards		[ridge above Waikolu Valley]
142	Hawaii	Kona	Aug 1894			[before 15 August 1894]
143	Kauai	—	May 1894	4000		
144	Hawaii	Kilauea	July 1894	5000		[after 22 July 1894 arrival date]
145	Molokai	forest above Pelekunu	Sep 1893			
146	Molokai	Kahanui	18 Sep 1893			
147	Molokai	—	22 Sep 1893	5000		[forest near ridge above Waikolu Valley]
148	Molokai	above head of Pelekunu	Sep 1893	4500+		
149	Molokai	above Kalawao	1 Aug 1893			
150	Molokai	above Kalawao	12 July 1893	4000		
151	Molokai	gulch	5 July 1893	3500 or more		[Makakupaia area]
152	Molokai	—	19–20 Sep 1893	3000		
153	Molokai	Kahanui	11 Aug 1893			[either the locality or the date is wrong. Perkins was above Kalawao on this date; nowhere near the coast]
154	Kauai	above Waimea	May 1894	5000	6 <i>Apterocyclus</i> 3 found dead	[above Halemanu area]
156	Molokai	—	6 Sep 1893	3000		[Makakupaia area]
157	Molokai	—	9 Sep 1893	4500		

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
158	Molokai	highest forest	13 Sep 1893			
159	Molokai	—	11 Sep 1893	4500 & upwards		
160	Molokai	Kalae	Aug 1893			[1–11 August 1893]
161	Molokai	—	23 Sep 1893	4500		
162	Molokai	highest forest	17 Sep 1893			
163	Molokai	—	11 Sep 1893	4500 & upwards	? same as 159	
164	Molokai	—	19–20 Sep 1893	3000 above	swept	
165	Molokai	head of Pelekunu	23 Aug 1893			
166	Molokai	above Kalawao	8 Aug 1893			
167	Molokai	Kalae	7 Aug 1893			
168	Molokai	Makakupaia	26 Jul 1893			
169	Molokai	—	9–11 Aug 1893			
169*	Molokai	Kalaana	12 May 1893	3000 above	fly parasitic on <i>Himatione</i>	
170	Molokai	Kaunakakai	Jul 1893	sea level		
171	Molokai	—	8 Sep 1893	3000		
172	Molokai	Kalae	7 Aug 1893			
173	Molokai	above Pelekunu	Jul 1893			
174	Molokai	—	24 Jun 1893	3000		
175	Molokai	—	22 May 1893			
176	Molokai	—	12 Jun 1893	3000		
177	Molokai	—	5 Jun 1893	above 3000		[Makakupaia area]
178	Molokai	—	17 Jul 1893			
179	Molokai	—	9 Jun 1893			[Makakupaia area]
180	Molokai	—	21 Jun 1893	4500		
181	Molokai	—	13 Jun 1893	4500		
182	Molokai	—	18 Jun 1893	4500		
183	Molokai	—	May 1893	3500–4500	Metromeni under stones	[Makakupaia area]
184	Molokai	—	17 May 1893	about 4000		
185	Molokai	—	4 Jun 1893	3000		[Makakupaia area]
186	Molokai	—	27 Jun 1893	5000	all in flowers of lillies	



No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
187	Kauai	Waimea mountains	May 1894	about 4000		
188	Molokai	—	10 Jun 1893	4000		
189	Molokai	—	29 May 1893	3000-4000		
190	Molokai	—	27 May 1893	4000		
191	Molokai	—	27 May 1893	4000		
192	Molokai	—	22 Jun 1893	6000		
193	Molokai	—	9 Jun 1893		Hemiptera	[Makakupaia area]
194	Hawaii	Kona	Sep 1892	about 2500		
195	Hawaii	Kona	Jun 1892	3000	beaten from koa	
196	Molokai	—	11 Jun 1893		and other dates	
197	Molokai	—	1893		odd specimens	
198	Hawaii	Kona	Sep 1892	3000		
199	Hawaii	Kona	Sep 1892	2500	Staphs from <i>Freycinetia</i>	
200	Hawaii	Kona	Sep 1892	3000		
201	Hawaii	Kona	Oct 1892	3000		
202	Hawaii	Kona	Aug 1892	4000		
203	Hawaii	Kona	Sep 1892	3000	cossonid from tree fern	
204	Hawaii	Kona	Sep 1892	5000	note that the small homopteron, sometimes green, sometimes yellow is exactly like the ripe & unripe grass seeds enclosed, on which it rests	
205	Oahu	Honolulu	—		in house	
206	Hawaii	Kona	Sep 1892	2000+		
207	Hawaii	Kona	Sep 1892	3000+	under bark of dead tree	
208	Hawaii	Kona	Sep 1892	2500	from kukui trees	
209	Hawaii	Kona	24 Jul 1892	4000		
210	Hawaii	Kona	Sep 1892	3000	this extremely active runner beaten from dead <i>Acacia</i>	
211	Hawaii	Kona	Sep 1892	1500	swept up, Hilo grass	
212	Hawaii	Kona	Sep 1892	3000		

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
213	Hawaii	Kona	20 Jun 1892	2500		[Perkins's journal entry for this date says 4000 feet. He might have also collected at lower elevation locations on his way down to Ka'awaloa]
214	Hawaii	Kona	Sep 1892	3000	<i>Cis</i> from fungus on <i>Acacia</i>	
215	Hawaii	Kona	Jul 1892	4000	pair of Nitidulidae & a pair of cossonids in cop	
216	Hawaii	Kona	Sep 1892	2000	5 spec.; 1 very minute in very wet decayed log	
217	Hawaii	Kona	—	about 3000	beaten from various trees, the red <i>Proterhinus</i> & the sp. of Cossonidae from tree fern	
218	Hawaii	Kaawaloa	Sep 1892	1500	flying round house at dusk	[no doubt near the Kalukalu area]
219	Hawaii	Kona	Sep 1892	3000		
220	Hawaii	Kona	Sep 1892	5000	this fine sp. was taken from an old stunted koa growing alone in the midst of a belt of rough lava	
221	Hawaii	Kona	Sep 1892	2000		
222	Hawaii	Kona	Sep 1892	2500–3000		
223	Hawaii	Kona	Sep 1892	4000	from decayed koa	
224	Hawaii	Kona	Jul 1892	4000	No. 26, 2 males, 1 female	
225	Hawaii	Kona	Sep 1892	4000 above	Heteroptera & Homoptera both from bastard sandal tree	
226	Hawaii	Kona	Sep 1892	5000		
227	Hawaii	Kona	Jun 1892	3000	outside burrow in trunk of a dead tree	[after 20 June 1892]
228	Hawaii	Kona	Sep 1892	2500–3000	<i>Cis</i> beaten from forest trees other than <i>Acacia</i> , on climbers	
229	Hawaii	Kona	Jun 1892	2500	Staphs. nitidulids from <i>Freycinetia</i>	[after 20 June 1892]
230	Hawaii	Kona	Sep 1892	3000	from various trees	
231	Hawaii	Kona	Aug 1892	4000 above		
232	Hawaii	Kona	Sep 1892	4000+	from decayed koa	
233	Oahu	Halemano	Feb 1893	2000	from koa	[= Helemano]

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
234	Molokai	Waikolu	24 Sep 1893			
235	Hawaii	Kona	Sep 1892	3000		
236	Oahu	near Honolulu	Oct 1892	about 2000	beaten from koa	
237	Oahu	Nuuanu Valley	Oct 1892			
238	Oahu	Lanihuli ridge	Oct 1892		beaten	
239	Oahu	near head of the south branch of the Kawaihoa gulch	Apr 1893			
240	Oahu	Halemano	Dec 1892	2000+		[= Helemano]
241	Oahu	Halemano	Jan 1893	2000+		[= Helemano]
242	Oahu	ridge of Nuuanu Valley, Konahuanui side	May 1892		beaten from dead branches of <i>Acacia koa</i> ; <i>Proterhinus</i> , <i>Holcobius</i> , <i>Cis</i> &c	
243	Hawaii	Kona	Jun 1892	3000	beaten from trunks & branches of various trees	
244	Oahu	mountains near Honolulu	27 Oct 1892	2000	<i>Cis</i> beaten	
245	Hawaii	Kona	27 Jul 1892	3500		[Pulehua area]
246	Hawaii	Kona	Jun 1892	about 3000	beaten from kukui	[after 20 June 1892]
247	Hawaii	Kona	26 Jul 1892	4000		[Pulehua area]
248	Hawaii	Kona	Sep 1892	2000-3000	beaten from trees	
249	Hawaii	Kona	Jul 1892		beaten from <i>Acacia</i> trees	
250	Maui	Haleakala	Apr 1894	about 5000	under bark of <i>Acacia</i>	
251	Maui	Haleakala	[1894]		all the small carabids & Homoptera by grubbing; the <i>Metromenus</i> from lilly, 5000 ft; Apr 1894; one unique carabid with light elytra black spotted taken by grubbing 8 Apr 1894	
252	Maui	Haleakala, Olinda	Apr 1894	3000-4000	60 <i>Metromeni</i> & 20 of the large carabid. the latter on dead branches of trees & under bark of <i>Acacia</i>	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
253	Kauai	—	Jun 1894	4000		[Halemanu area]
254	Maui	Haleakala	Apr 1894	9500–10,000		
255	Kauai	mountains above Waimea	May 1894	4000		[Halemanu area]
256	Kauai	mountains above Waimea	May 1894	4000	large <i>Brachypeplus</i> under bark of same tree as Munro's cossonid. Other <i>Brachypeplus</i> from various trees & flowers of "haha". minute carabids by grubbing	[Halemanu area]
257	Kauai	mountains above Waimea	May 1894	about 4000	anobiids & staphs. 1 very dull dark <i>Brachypeplus</i> under koa bark, 1 browner species from flower of lilly	[Halemanu area]
258	Kauai	mountains above Waimea	May 1894	about 4000		[Halemanu area]
259	Kauai	mountains above Waimea	May 1894	about 4000	chiefly <i>Proterhinus</i>	[Halemanu area]
260	Kauai	mountains above Makaweli	Jun 1894	2000–3000	<i>Clytarlus</i> (2), <i>Apterocyclus</i> (1), Otiorhynchid (several) & 1 <i>Itodacnus</i>	
260	Kauai	Hanapepe	Jun 1894		<i>Aegosoma</i> (1)	
261	Kauai	mountains above Waimea	May 1894	about 4000	15 Munro's cossonids	[Halemanu area]
262	Kauai	mountains above Waimea	May 1894	about 4000	100 carabids	[Halemanu area]
263	Kauai	mountains above Makaweli	May 1894	2000+		
264	Kauai	mountains above Waimea	May 1894	3000+	chiefly anobiids	
265	Kauai	mountains above Waimea	May 1894	4000		[Halemanu area]
266	Kauai	—	Jun 1894	about 4000	carabids. <i>Clytarlus</i> (1), <i>Brachypeplus</i> (1), <i>Parandra</i> , large staphs (5), <i>Anotheorus</i>	[probably the Halemanu area]
267	Kauai	—	Jun 1894	3000	2 or 3 rare, solid black carabids beaten from dead sticks &c; also the <i>Eopenthes</i>	
267	Kauai	—	Jun 1894	4000		[Halemanu area]
268	Kauai	mountains above Waimea	Jun 1894	3000		
269	Hawaii	Kona	1892		overlooked specimens	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
270	Hawaii	Kona	Jun 1892	3000+	remains of longicorn, very abundant, probably wrong season as I saw no live spec.	[after 20 June 1892]
271	Kauai	mountains above Waimea	May 1894	4000	about 45 carabids	[Halemanu area]
272	Oahu	Waialua, coast	March 1892		from underground nest (ants) (VII)	
273	Kauai	mountains above Waimea	May 1894		above: 3 carabids far up Waimea River under stones; below: minute <i>Cis</i> , Staphs, &c	
274	Maui	Haleakala, Olinda woods	Apr 1894	3000-4000	139 anobiids & a few other things. of the two large sp. separated at bottom of tube, the black punctured one is under bark of smooth barked <i>Acacia</i> ; the pubescent sp. (?genus) from kolea	
275	Hawaii	Kona	Jun 1892	2000-3000		[after 20 June 1892]
276	Hawaii	Kona	Jun 1892	about 3000	beaten from Ohia	[after 20 June 1892]
277	Hawaii	Kona	Aug 1892	about 4000	elater & Cossonidae	[Pulehua area]
278	Hawaii	Kona	Jun 1892	2000-3000		[after 20 June 1892]
279	Hawaii	Kona	29 Jun 1892	4000	staph. from fungus; others from dead wood	
280	Kauai	mountains above Makaweli	Jun 1894	above 2000		
281	Kauai	mountains above Makaweli	Jun 1894	above 2000		
282	Oahu	Kawailoa	Apr 1893		fern stems	
283	Hawaii	Kona	Sep 1892	2500	from decaying lehua tree	
284	Hawaii	Kona	25 Jul 1892	about 4000	chiefly Rhynchota	[Pulehua area]
285	Kauai	—	Jun 1894	about 4000	Staphs	[Halemanu area]
286	Hawaii	Kona	Jun 1892	3000	waterbugs	[after 20 June 1892]
287	Hawaii	Kona	19 Aug 1892	about 4000	Coleoptera & Hymenoptera	[Pulehua area]
288	Hawaii	Kona	14 Jul 1892	4000	one small sp. (single spec.)	[Pulehua area]
289	Hawaii	Kona	[1892]	4000	No. 21 4 spec. excessively minute under paper	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
290	Hawaii	Kona	1 Jul 1892		from dead wood, 1 very minute species	
291	Oahu	right [side] of Nuuanu Valley	May 1892		beaten from dead leaves of a <i>Pandanus</i>	
292	Hawaii	Kona	Aug 1892	4000	from fungi on koa tree, 5 spec. very minute	[Pulehua area]
293	Hawaii	Hualalai	5 Aug 1892	about 5000	Rhynchota &c	
294	Hawaii	Kona	Jun 1892	4000+		[after 20 June 1892]
295	Hawaii	Kona	Jun 1892	4500	from dead wood	[after 20 June 1892]
296	Hawaii	Kona	Jun 1892	about 3000		[after 20 June 1892]
297	Hawaii	Kona	4 Jul 1892	about 5000		
298	Hawaii	Kona	21 Jul 1892	3500		
299	Hawaii	Kona	Sep 1892	4000+		
300	Hawaii	Kona	4 Jul 1892	about 5000		
301	Hawaii	Kona	1 Jul 1892	about 4000	on fungi	
302	Hawaii	Kona	Sep 1892	4000+		
303	Hawaii	Kona	29 Jun 1892	about 4000		[Pulehua area]
304	Hawaii	Kona	9 Aug 1892	about 4000		
305	Hawaii	Kona	30 Jun 1892	about 5000	from dead wood of several trees	[Pulehua area]
306	Hawaii	Kona	29 Aug 1892	4000	No. 27	
307	Hawaii	Kona	10 Aug 1892	4000		
308	Hawaii	Kona	1 Jul 1892	about 4000	on dead trunks	
309	Hawaii	Kona	Sep 1892	about 2000	all from flowers of <i>Freycinetia</i>	
310	Hawaii	Mt. Hualalai	5 Aug 1892	about 5000	5 very minute staphs	[in saddle between Hualalai and Mauna Loa]
311	Hawaii	Kona	Jun 1892	4500	beaten from the "maile" plant	
312	—	—	—	—	found in bottom of box containing mostly Kona things	[probably 1892]
313	Hawaii	Kona	Sep 1892	about 2000	find minute beetles (? <i>Cis</i> ) & small Hymenoptera	
314	Hawaii	Kona	25 Jul 1892	about 4000		
315	Hawaii	Kona	30 Jun 1892	nearly 5000		[Pulehua area]

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
316	Hawaii	Kona	9 Aug 1892	about 4000		
317	Hawaii	Kona	Jul 1892	about 4000	odd specimens	
318	Hawaii	Kona	4 Jul 1892	about 5000		
319	Hawaii	Kona	Jul 1892	about 4000		
320	Hawaii	Kona	30 Jun 1892	nearly 5000	from flowers & dead wood	[in forest above Pulehua area]
321	Hawaii	Kona	30 Jun 1892	nearly 5000	large sp. from spider's web; pair taken in cop, two very small staphs	
322	Hawaii	Kona	4 Jul 1892	about 5000		[original transcription has "IV 7.92" which probably is a misinterpretation of "4 Jul 1892" since Perkins did not arrive in Kona until June 1892]
323	Hawaii	Kona	1 Aug 1892	6000	Hymenoptera & Hemiptera	
324	Hawaii	Kealakekua	26 Jun 1892	on the beach		
325	Hawaii	Kona	11 Aug 1892	4000		
326	Hawaii	Kona	18 Jul 1892	30004000		
327	Hawaii	Kona	16 Jul 1892	about 4000		
328	Hawaii	Kona	1 Jul 1892	about 4000	from fungi	
329	Hawaii	Kona	9 Aug 1892	about 4000	No. 25	
330	Hawaii	Kona	Jun 1892	4500	from fungi & dead wood, manu specimens small	[after 20 June 1892]
331	Hawaii	Kona	30 Jun 1892	nearly 5000	from dead branches & trunks	[Pulehua area]
332	Hawaii	Mt. Hualalai	5 Aug 1892	about 5000		
333	Hawaii	Kona	Aug 1892	about 4000		
334	Hawaii	Kona	21 Jul 1892	3500		
335	Hawaii	Kona	21 Jul 1892	3500		
336	Hawaii	Kona	Jun 1892	4000		[after 20 June 1892]
337	Hawaii	[Kona]	5 Aug 1892	about 5000		
338	Hawaii	Kona	1 Jul 1892	4000	under bark	
339	Hawaii	Kona	1 Aug 1892	4000+		
340	Hawaii	Kona	30 Jun 1892	nearly 5000	dry dead wood of various trees	[Pulehua area]
341	Hawaii	Kona	25 Jul 1892			[Pulehua area]

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
342	Hawaii	Kona	1 Aug 1892		Hemiptera &c	[Pulehua to Kanahaha]
343	Hawaii	Kona	20 Jul 1892			[Pulehua area]
344	Hawaii	Mt. Hualalai	5 Aug 1892	about 5000		[saddle area between Hualalai and Mauna Loa; Perkins's journal entry for this date says he collected up to 6000 ft; it is unlikely he summited the peak, which is 8000 ft.]
345	Molokai	—	11 Jun [1893]		upper layer; all exceedingly minute	[Makakupaia area]
345	Molokai	—	12 Jun [1893]		lower layer	[Makakupaia area]
346	Maui	Haleakala	11 Apr 1894		"Mauna"	
347	Maui	Haleakala	9 Apr 1894	slightly above 10,000	top layer: 20 <i>Cyclothorax</i> unique? very shiny, nearly punctured (2nd largest species) brown black	
347	Maui	Haleakala	9 Apr 1894	nearly 10,000	the rest [= not top layer]	
348	Maui	Haleakala	Mar 1894	5000		
349	Maui	Iao Valley	Mar 1894			
350	Maui	Haleakala	28 Mar 1894	4500		
351	Maui	Haleakala (Olinda)	1894	4000	fragments of beetles	
352	Maui	Haleakala	Apr 1894	5000	<i>Brachypeplus</i> under <i>Acacia</i> bark	
353	Maui	Haleakala	9 Apr 1894	about 9500	39 spec. of <i>Cyclothorax</i>	
354	Maui	Haleakala	1 Apr 1894	5000+		
355	Maui	Haleakala	Mar 1894	5000+		
356	Maui	Haleakala	Apr 1894	5000		
357	Maui	Haleakala	Apr 1894	4000	coleops	
358	Maui	Haleakala	Mar 1894	5000		
359	Maui	Haleakala	Mar 1894	5000		
360	Maui	Iao Valley	Apr, May 1894			
361	Maui	Haleakala, from Olinda downwards	Apr 1894	4000-3000	the <i>Proterhinus</i> from "maile" stem; the large <i>Oodemas</i> & the flat <i>Brachypeplus</i> under koa bark; the <i>Fornax</i> under log	



No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
362	Maui	Haleakala (Olinda)	Apr 1894		<i>Cyclothorax</i> under koa bark; <i>Disenochus</i> under log	
363	Maui	Haleakala	28 Mar 1894	4500		
364	Maui	Haleakala (Olinda)	31 Mar 1894	4000	find 3 spms. of ponaid ant	
365	Kauai	—	Jul 1894	about 4000	<i>Brachypeplus</i> & anobiids	[Halemanu area]
366	Maui	Haleakala	Apr 1894	4500	<i>Proterhinus</i> from "kolea" tree	
367	Maui	Haleakala	Apr 1894	4500	The <i>Proterhinus</i> from smoothed bark <i>Acacia</i>	
368	Maui	West Maui	—	about 2000	anobiid	
368	Maui	West Maui	—	4000	staphs & depressed <i>Brachypeplus</i> from <i>Freycinetia</i> ; single species of <i>Brachypeplus</i> from lilly	
369	Maui	Haleakala	10 Apr 1894	5000	<i>Brachypeplus</i> from flowers of tree <i>Lobelia</i> ; pair of minute black carabid under stones	
370	Maui	Haleakala	Apr 1894	5000+	pair of <i>Proterhinus</i> in cop	
371	Maui	Haleakala	1 Apr 1894	about 5000		
372	Maui	Haleakala, Olinda woods	Apr 1894	4000 & downwards		
373	Maui	Haleakala	Mar 1894	5000–6500	big carabid in & above forests under stones, stumps & under bark (many spec. (310)	
374	Maui	Haleakala	11 Apr 1894	7000–10,000	<i>Barypristus</i> + ? gen.	
375	Maui	Haleakala	Mar, Apr 1894	5000		
376	Hawaii	Kilauea, near crater	Jul 1894			
377	Maui	sandhills near Kahuku	Mar 1894		<i>Rhyncogonus</i> only	
378	Maui	Haleakala	Mar 1894	5000–6000	70 <i>Oodemas</i> ; 1 <i>Anotheorus</i> ; 2 <i>Heterhamphus</i> ; 34 <i>Dryophthorus</i>	
379	Maui	West Maui	Apr 1894	4000	Coleops	
380	Maui	Haleakala	Apr 1894	7000	top layer: find minute specimens	
380	Maui	Haleakala	Apr 1894	9000–10,000	lower layer: all <i>Oodemas</i>	
381	Maui	Haleakala	Mar 1894	5000+		

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
382	Maui	Haleakala	Mar 1894	5000-6000	The bronzy species <i>Barypristus</i> (54 specimens) always above the forest under stone. The <i>Blackburnia</i> (26 specimens) under logs, stems of tree fern, burnt stumps, &c in the forest & above it, but where forest once stood	
383	Maui	Haleakala	Mar 1894	4500-6000	<i>Cyclothorax</i> from various situations	
384	Maui	Haleakala	Mar 1894	4500-5500	74 <i>Metromeni</i> , all in forest under bark (dead or alive), moss, logs, stones, &c; several species but no constancy of habitat. The large spec. beaten from dead tree	
385	Maui	Haleakala	Apr 1894	about 5000	contains 92 <i>Metromeni</i> , all under bark (mostly of <i>Acacia</i> )	
386	Hawaii	Kona	Oct 1892	3000	from tree-ferns	
387	Hawaii	Kona	Sep 1892	3000		
388	Hawaii	Kona	Sep 1892	3000		
389	Oahu	mountains behind Waialua	Jan 1893	about 800	beaten	
390	Oahu	Halemano	Jan 1893	2000	under bark	[= Helemano]
391	Oahu	Kaala mountains	Dec 1892	2000	very minute <i>Homalota</i> 1 sp.	
392	Oahu	Kaala mountains	Dec 1892	2500		
393	Hawaii	Kona				
394	Hawaii	Kona	Sep 1892	3000		
395	Hawaii	Kona	Sep 1892	3000		
396	Hawaii	Kona	Sep 1892	3000		
397	Hawaii	Kona	Sep 1892	3000		
398	Oahu	Honolulu	Oct 1892		at light	
399	Oahu	Nuuanu Valley, on ridges	Oct 1892		beaten	
400	Oahu	Nuuanu Valley, on ridges	[Oct 1892]		on dead <i>Freycinetia</i> leaves	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
401	Hawaii	Kona	10 Sep 1892	4000		[Pulehua area]
402	Oahu	Mountains near Honolulu	1892	2000+		
403	Oahu	Waianae Mts.	[1892]	2000	Heteroptera; 3 spec. beaten from native apple	
404	Hawaii	Kona, Kaawaloa	[1892]	1500	<i>P. boetica</i> & Coleoptera	
405	Kauai	—	May 1894	sea level to 2500	aculeates	
406	Oahu	Mountains behind Honolulu	Apr 1892	2000	2 sp. of Hemiptera	
407	Oahu	Waialua, coast	Mar 1892		Hemiptera (IX)	
408	Maui				aculeates	
409	Lanai				aculeates	
410	Kauai		[1894]	4000		[Halemanu area]
411	Oahu	Waialua	Mar 1892		Male, female, worker ant; Heteroptera	
412	Molokai	above Pelekunu, high forest	—		minute insects, chiefly staphs	
413	Maui	Haleakala	Mar 1894	5000	<i>Disenochus?</i> under logs in forest; <i>Barypristus?</i> under stones above [forest]; <i>Cyclothorax</i> under bark slightly bronzy sp. also in moss	
414	Maui	Haleakala	Mar 1894	5000		
415	Oahu	Kawailoa gulch, far up	Apr 1893		in stem of tree fern	
416	Oahu	mountains behind Waialua, high up	Feb 1893		from dead tree	
417	Oahu	Nuuanu Valley, 4 miles out [from downtown Honolulu]	Oct 1892			
418	Oahu	Waianae Mts.	Apr 1892		under bark of dead kukui tree	
419	Hawaii	Kona	Sep 1892	4000	3 beetles, dead bug & carabid under stone	
420	Oahu	Waianae Mts.	Apr 1892		Carabidae in cop	[Wai'anae (lee) side of the range]
421	Oahu	Kaala mountains	Mar 1892	1000-2000	beetles under koa tree	
422	Oahu	Kaala mountains, gulches	Mar 1893	2000	I could only find fragments of <i>Blackburnia</i> as sent	
423	Oahu	Nuuanu Valley	Nov 1892		in dead stem of guava	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
424	Molokai	Kahanui	Sep 1893		tipulid prey of <i>Crabro</i> with white mandibles & scape	
425	Oahu	Waianae Mts.	Apr 1892			[Wai'anae (lee) side of the range]
426	Oahu	Waianae Mts.	Apr 1892	about 3000		[Wai'anae (lee) side of the range]
427	Oahu	Kaala mountains	Mar 1892	up to 1500		[after 26 March 1892]
428	Oahu	in the mountains near Waialua but locality lost	[1892]			
429	Molokai	—	May 1893	near sea level	attached to the kiawe tree (an introduced <i>Acacia</i> )	
430	Oahu	Halemano	Jan 1893	2000+	larvae in spirit "A"	[= Helemano]
431	Hawaii	Kona	Aug 1892	4000	3 sp. of Heteroptera found in crevices of rotten logs	
432	Oahu	Honolulu	Oct & Nov 1892	2000+		
433	Hawaii	Kona	4 Jul 1892	3000		
434	Hawaii	Kona	1892			
435	Hawaii	Kona	Jun 1892	3000	parasitic on short eared owl	[after 20 June 1892]

#### Second Expedition 1895-1897

No.	Island	Locality	Date	Elev.	Other	Notes
501	Kauai	Halemanu	May 1895	4000	coleops & aculeates	[there were no collection numbers between 435 and 501]
502	Kauai	Halemanu	May 1895		<i>Odynerus</i> , <i>Otiiorhynchus</i> , &c	[about 4000 feet elevation]
503	Kauai	Halemanu	May 1895	4000	anobiids &c	
504	Kauai	Halemanu	May 1895	4000	coleops &c	
505	Kauai	Kaholuamano	Apr 1895		coleops &c	[about 3800 ft.]
506	Kauai	Makaweli	Apr 1895	near sea level	Hymenoptera, aculeates	[between 2 and 9 April 1895]
507	Kauai	Halemanu	May 1895	4000	Hymenoptera, aculeates	
508	Kauai	Kaholuamano	16 Apr 1895		coleops	[about 3800 ft.]
509	Kauai	Kaholuamanu	Apr 1895		chiefly coleops, 1 very minute <i>Oligota</i> , also <i>Psocus</i>	[about 3800 ft.]
510	Kauai	Halemanu	May 1895	4000		[before 22 May 1895]

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
511	Kauai	Kaholuamano	12 Apr 1895		coleops, 28 spec.	[about 3800 ft.]
512	Kauai	Halemanu	May 1895		5 pair anobiids in cop	
513	Kauai	Makaweli	May 1895	coast to 2000	aculeates	
514	Kauai	Halemanu	May 1895	4000	<i>Odynerus, Mimesa, Rhyncogonus</i>	
515	Kauai	Makaweli	Apr 1895	2000+		[between 3 and 11 April 1895]
516	Kauai	Kaholuamano	15 Apr 1895		coleops	[about 3800 ft.]
517	Kauai	Kaholuamano	13 Apr 1895		coleops	[about 3800 ft.]
518	Kauai	Kaholuamano	Apr 1895		3 agrions	[about 3800 ft.]
519	Kauai	Kaholuamano	Apr 1895		coleops & 2 Odyneri	[about 3800 ft.]
520	Kauai	Makaweli, near coast	May 1895		2 dragonflies	[probably 23 May. Perkins left the next day for Honolulu]
521	Kauai	Kaholuamano	15 Apr 1895		coleops, also <i>Crabro</i> & 1 <i>Odynerus</i>	[about 3800 ft.]
522	Kauai	Kaholuamano	Apr 1895		Hymenoptera aculeates	[about 3800 ft.]
523	Kauai	Kaholuamano	Apr 1895		coleops, some very small &c	[about 3800 ft.]
524	Kauai	Kaholuamano	15 Apr 1895		coleops, small &c	[about 3800 ft.]
525	Kauai	Halemanu	25 May 1895	4000		[the date must be a transcription error since Perkins left Halemanu on 22 May 1895]
526	Kauai	Kaholuamano	Apr 1895		<i>Proterhinus</i> &c	[about 3800 ft.]
527	Kauai	Kaholuamano	Apr 1895		coleops, chiefly carabids	[about 3800 ft.]
528	Kauai	Kaholuamano	Apr 1895		coleops, many minute & also apterous parasitic Hymenoptera &c	[about 3800 ft.]
529	Kauai	Kaholuamano	13 Apr 1895		coleops	[about 3800 ft.]
530	Kauai	Halemanu	May 1895	4000	chiefly coleops, 150-200 spec. small	[between 7 and 22 May 1895]
531	Hawaii	Kilauea	Aug 1895			
532	Hawaii	Kilauea	Aug 1895			
533	Hawaii	Kilauea	Sep 1895		chiefly aculeates, 1 small <i>Dryophthorus</i> & 1 ichneumon	[before 19 September 1895]

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
534	Hawaii	Kilauea	Jun 1895		aculeates &c	[after 12 June 1895]
535	Hawaii	Kilauea	Aug 1895			
536	Hawaii	Kilauea	Jul 1895			
537	Hawaii	Kilauea	Aug 1895		<i>Clytarlus</i> of koa	
538	Hawaii	Kilauea	Aug 1895		<i>Eopenthes</i>	
539	Hawaii	Kilauea	Aug 1895			
540	Hawaii	Kilauea	Aug 1895			
541	Oahu	Waianae mountains, lee side	Feb 1896	2000-3000	Carabidae & Hymenoptera	
542	Oahu	Waianae mountains, lee side	Feb 1896		Carabidae	
543	Oahu	Waianae mountains, leeward side	Feb 1896	2000+	<i>Forficula</i> , 3 sp. Carabidae	
544	Oahu	Waianae mountains, lee side	Feb 1896	2000+	Carabidae	
545	Oahu	Waianae mountains, lee side	Feb 1896	2000-3000	<i>Forficula</i> , Hymenoptera, Carabidae	
546	Oahu	Waianae mountains, leeward side	Feb 1896	2000-3000	Carabidae	
547	Oahu	Waianae mountains, leeward side	Feb 1896	about 3000	<i>Proterhinus</i> &c	
548	Oahu	Waianae mountains, coast	Feb 1896		1 small <i>Scymnus</i> ? with the big beetle	
549	Kauai		Oct 1895	4000	1 <i>Parandra</i>	[probably Halemanu area]
550	Hawaii	above Hilo	Dec 1895	1800	<i>Colpodiscus</i> &c	
551	Kauai		Oct 1895	4000	coleops	[probably Halemanu area]
552	Hawaii	Hilo	Jan 1896	2000+	under bark	[before 28 January 1896]
553	Oahu	Waianae mountains, lee side	Feb 1896	2000-3000	very minute sp.	
554	Kauai		Oct 1895	4000	<i>Oligota</i>	[probably Halemanu area]
555	Hawaii	Hilo	Dec 1895	1800	<i>Oligota</i>	
556	Oahu	Waianae mountains, lee side	Feb 1896	3000	pair of <i>Proterhinus</i> in cop	
557	Hawaii	Hilo	Jan 1896	2000	found on decaying stem of tree <i>Lobelia</i>	[before 28 January 1896]
558	Hawaii	above Hilo	Dec 1895	1800	<i>Brachypeplus</i> &c	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
559	Hawaii	above Hilo, Amaula	Dec 1895	2000	<i>Brachyepplus</i> , coleops	
560	Kauai		Oct 1895	4000		[probably Halemanu area]
561	Hawaii	Hilo, Kaumana	Jan 1896	2000	large <i>Prosopis</i> & Heteroptera &c	[before 28 January 1896]
562	Hawaii	Hilo, Kaumana	Jan 1896	2000		[before 28 January 1896]
563	Kauai		Oct 1895	4000	coleops	[probably Halemanu area]
564	Kauai		Oct 1895	4000		[probably Halemanu area]
565	Hawaii	above Hilo	Dec 1895	1800	aculeates, <i>Eopenthes</i> &c	
566	Hawaii	above Hilo	Dec 1895	1800	<i>Xyletobius</i>	
567	Hawaii	above Hilo	Dec 1895	1800	staphs &c	
568	Hawaii	Kilauea	Jul 1895			
569	Hawaii	Olaa	?1895		coleops, Hymenoptera, <i>Forficula</i> , 2 sp. <i>Prosopis</i> &c	
570	Hawaii	Olaa	Jul 1895		<i>Eopenthes</i> , also Diptera	
571	Oahu	Honolulu mountains	1895	2000+	<i>Heterhamphus</i>	[after 23 March 1895]
572	Hawaii	Olaa	Jun 1895		<i>Eopenthes</i> , <i>Colpodiscus</i> , <i>Prosopis</i> &c	[after 16 June 1895]
573	Hawaii	Kilauea	Sep 1895		agrions	[before 19 September 1895]
574	Hawaii	Kilauea	Aug 1895		large black <i>Fornax</i> , cistelid &c	
575	Hawaii	Kilauea	Jul 1895			
576	Hawaii	Kilauea	Jul 1895		anobiids, <i>Fornax</i> &c	
577	Hawaii	Kilauea	Aug 1895			
578	Hawaii	Kilauea	Jul 1895			
579	Hawaii	Kilauea	Aug 1895			
580	Hawaii	Kilauea	—		<i>Clytarlus</i> of ohia lehua ( <i>Metrosideros</i> )	
581	Hawaii	Kilauea	—		<i>Clytarlus</i> , large <i>Fornax</i> &c	
582	Maui	Haleakala	May 1896	5000		
583	Maui	Haleakala	May 1896	5000	in cop	
584	Hawaii	Kilauea	Jun 1895	4000	<i>Clytarlus</i> , <i>Eopenthes</i> , cossonid, larger staph, aculeates &c	
585	Hawaii	Kilauea, Hilo road, 1.5 miles [from Kilauea]	Aug 1895		<i>Clytarlus</i> of koa, Carabidae	
586	Hawaii	Kilauea	Aug 1895			

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
587	Hawaii	Kilauea	Jul 1895		aculeates &c	
588	Molokai	Molokai mountains	Jun 1896			
589	Molokai	Molokai mountains	Jun 1896	about 4000	contains inter alia several <i>Blackburnia</i> & 1 <i>Atrachycnemis</i>	
590	Molokai	Molokai mountains	Jun 1896		common coleops, <i>Forficula</i> &c	
591	Molokai	Molokai mountains	Jun 1896	4500-5000	Carabidae all from boggy mountain top, mostly under moss on trees	
591	Molokai	Molokai mountains	Jun 1896	3000	everything else [other than that above]	
592	Molokai	Molokai mountains, boggy plateau below the densest forest	Jun 1896	about 4000	contains several good things (Carabidae)	
593	Molokai	Molokai mountains	Jun 1896			
594	Molokai	Molokai mountains	Jun 1896			
595	Molokai	Molokai mountains, on side of stream on bottom of gulch	Jun 1896	about 4000	Carabidae	
596	Molokai	Molokai mountains, boggy plateau below the densest forest	Jun 1896	about 4000	Carabidae	
597	Maui	Haleakala	May 1896	4000+		[all May 1896 Haleakala (Nos. 597- 625) are on the Olinda side]
598	Maui	Haleakala	May 1896	4000+		
599	Maui	Haleakala	May 1896	4000+		
600	Maui	Haleakala	May 1896	5000		
601	Maui	Haleakala	May 1896	4800+		
602	Maui	Haleakala, above forest	May 1896		3 sp. Carabidae	
603	Maui	Haleakala	May 1896	5000		
604	Maui	Haleakala	May 1896	5000		
605	Maui	Haleakala	May 1896	5000		
606	Maui	Haleakala	May 1896	5000		
607	Maui	Haleakala	May 1896	5000		



No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
608	Maui	Haleakala	May 1896	5000		
609	Maui	Haleakala	May 1896	5000		
610	Maui	Haleakala	May 1896	5000		
611	Maui	Haleakala	May 1896	5000		
612	Maui	Haleakala	May 1896	5000		
613	Maui	Haleakala	May 1896	5000		
614	Maui	Haleakala	May 1896	5000		
615	Maui	Haleakala	May 1896	5000		
616	Maui	Haleakala	May 1896	5000		
617	Maui	Haleakala	May 1896	5000	<i>Fornax</i> bred from long thin wireworm larvae	
618	Maui	Haleakala	May 1896	5000		
619	Maui	Haleakala	May 1896	4000		
620	Maui	Haleakala	May 1896	4000		
621	Maui	Haleakala	May 1896	4000		
622	Maui	Haleakala	May 1896	4000		
623	Maui	Haleakala	May 1896	4000		
624	Maui	Haleakala	May 1896	7000–10,000		
625	Maui	Iao Valley	May 1896			
626	Oahu	Mountains near	Jul 1896			
627	Hawaii	Kilauea?	Sep 1896			
628	Maui	Wailuku & Iao Valley	—		Hymenoptera aculeates & cossonids	
629	Maui	Olinda	May 1896	3000–4000		
630	Hawaii	Kona	1896	4000		
631	Kauai	high plateau	Aug 1896			
632	Hawaii	—	Aug 1896	4000		
633	Hawaii	—	—	4000	<i>Clytarlus, Odynerus</i>	
634	Hawaii	Kilauea	Aug 1895		aculeates	
635	Hawaii	Olaa	Nov 1896		aculeates Hymenoptera	
636	Maui	Haleakala	Oct 1896	5000+		
637	Hawaii	Volcano, Hilo Road	Aug 1896		Koebele	[Volcano Village area]
638	Hawaii	Kilauea	—			
639	Hawaii	Kilauea	—		115 aculeates &c	
640	Kauai	—	Jul 1896	4000	Rhynchota, Hymenoptera &c	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
641	Kauai	—	Jan, Feb 1897	2000–3000		
642	Hawaii	Kilauea	Dec 1896			
643	Hawaii	Hilo	Feb 1897		earwigs	
644	Hawaii	Kilauea	Jun 1895		aculeates	
645	Hawaii	above Hilo	Dec 1895	1800	1 <i>Eopenthes</i> & staphs	[Kaumana area]
646	Hawaii	Kilauea	Jun 1895			
647	Maui	Mt. Lahaina	Jan 1897	3000		
648	Kauai	—	Jan, Feb 1897	2000–3000	(= 641)	
649	Hawaii	[Kilauea area]	Sep 1896	4000	Hymenoptera aculeates	
650	Maui	Lahaina, coast	Jan 1897			
651	Oahu	Honolulu	Nov 1896			
652	Kauai	coast	Jan 1897			
653	Oahu	Honolulu mountains	Mar 1897	2000		
654	Oahu	Waianae coast	Jan 1897			
655	Maui	Haleakala crater	Oct 1896			
656	Hawaii	Kilauea	Aug 1896			
657	Hawaii	Olaa	Dec 1896			
658	Hawaii	Kona	Dec 1896		coll. Koebele	
659	Hawaii	Kilauea	—			
660	—	on the SS Kinau running from Honolulu to Hawaii	1896			
661	Maui	Haleakala	Oct 1896	5000	contains amongst others a unique carabid (near <i>Mauna</i> ) found under lichen on stem of <i>Pelea</i>	
662	Oahu	Waianae coast	1896			
663	Kauai	Makaweli, near coast	May 1895			[between 22 and 25 May]
664	Kauai	Lihue	1896			[14 July–9 August]
665	Maui	Haleakala, above forest	May 1896			[Olinda side]
666	Oahu	Waianae coast	Nov 1895			
667	Oahu	Mountains near Honolulu	—	2000–3000	<i>Chalcis</i> (variegated) & coccinellid introduced by A. Koebele	
668	Kauai	Makaweli	Feb 1897	2500		
669	Oahu	Waianae, lee side	Feb 1896	2000–3000		
670	Oahu	Waianae, lee side	—	2000–3000	anobiids &c	
671	Kauai	Lihue	Jul 1896			

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
672	Oahu	Waianae, coast	Feb 1896			
673	Hawaii	Kilauea	Dec 1896			
674	Maui	Lahaina	Jan 1897	2000+		
675	Maui	Lahaina, coast	Jan 1897			
676	Kauai	—	Aug 1897	4000	duplicate Carabidae	[probably Halemanu area]
677	Hawaii	Kilauea	Dec 1896		male with long plate above clypeus & long forked process to 8th vent. seg. female with long cheeks	
678	Hawaii	Kilauea	[Dec 1896]		male with short plate above clypeus & hardly forked process to 8th vent. seg. female with shorter cheeks	
679	Maui	Haleakala	Oct 1896	4500-5000	small <i>Oodemas</i> &c	
680	Maui	Haleakala	Oct 1896	4000+		
681	Oahu	Honolulu mountains	Sep 1896	2000		
682	Kauai	high plateau	Aug 1896			[before 9 August]
683	Hawaii	Kilauea	Aug 1896			[after 18 August]
684	Hawaii	Kilauea	Dec 1896			
685	Hawaii	Kilauea	Sep 1896			
686	Hawaii	Kilauea	Aug 1896			[after 18 August]
687	Hawaii	Kilauea	—		about 40 <i>Ophius</i> all resting on 2 adjoining leaves 2/3 or more of those present escaped	
688	Hawaii	Olaa	Sep 1896			[possibly 2000 ft.]
689	Maui	Iao Valley	Sep 1896			
690	Kauai	Makaweli	Jan 1897	2000+		
691	Hawaii	Kilauea	Jul 1895			
692	Hawaii	Kilauea	Jun 1895			
693	Oahu	Mountains near Honolulu	Jul 1895			
694	Hawaii	Olaa	Aug 1896	2000		
695	Hawaii	Kilauea	Sep 1896	4000		[near crater]
696	Oahu	Honolulu mountains	Aug 1896			
697	Hawaii	Kaunana, Hilo	Jan 1897	2000	many spec. some very minute	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
698	Maui	Lahaina	Jan 1897		<i>Cis</i> & Homoptera from mts; the rest from the plains; the minute chalcid from scale	
698	Oahu	Honolulu	—		longicorn	
699	Maui	Haleakala	Oct 1896	4000–5000	small insects	
700	Maui	Haleakala	Oct 1896		chiefly from flow of crater	
701	Kauai	Makaweli	Jan, Feb 1897		<i>Plagithmysus aequalis</i>	
702	Kauai	?probably	1896	4000		
703	Kauai	Makaweli	Feb 1897	2500		[if the elevation is correct, this is referring to the Makaweli “section” of Kauai and not the coastal Makaweli town]
704	Kauai		Aug 1896	4000		[Halemanu area]
705	Maui	Haleakala crater	Oct 1896		dipteron sp.? Trypetidae bred from flowers of silversword	

#### Third Expedition (1900–1901)

No.	Island	Locality	Date	Elev.	Other	Notes
750	Oahu	Wahiawa	Apr 1901	1800		[there were no numbers between 705 and 750]
751	Oahu	Waianae mountains, Mokuleia	Apr 1901	2000		
752	Oahu	Waianae mountains, Mokuleia	May 1901	2000		
753	Oahu	mountains near Honolulu	1900			
754	Oahu	Honolulu	Mar 1901			
755	Oahu	Honolulu	Mar 1901			
756	Oahu	Honolulu mountains	Feb 1901			
757	Oahu	Honolulu	1900			
758	Oahu	Honolulu	1900			
759	Oahu	Waialua, coast	May 1901			
760	Oahu	Waialua	Sep 1900			
761	Oahu	Waialua	Sep 1900			
762	Oahu	Waialua	Mar 1901			
763	Oahu	Waialua	Sep 1900			

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
765	Oahu	[probably Honolulu mountains]	Sep 1900		presumably Honolulu Mts. the boy who wrote the list left out the locality	
766	Oahu	Honolulu	Feb 1901			
767	Oahu	Honolulu	Nov 1901			
768	Oahu	Kawailoa	Apr 1901	1800		
769	Oahu	Honolulu mountains	Jun 1901	2000		
770	Oahu	Honolulu (in the town)	Jul 1901			
771	Kauai	—	—			
772	Maui	Haleakala	1900	3000		
773	Oahu	Waialua	Jun 1901		if native beetles the elevation is 1800	[the 1800 ft locality is near Kawailoa]
774	Oahu	head of Pauoa, near Honolulu	Nov 1900			
775	Maui	Iao Valley	Sep 1901			
776	Oahu	Honolulu coast	Jan 1901			
778	Oahu	Wahiawa	Apr 1901			
779	Hawaii	Hualalai	Sep 1900			
780	Oahu	Waianae coast	Jan 1901			
781	Oahu	Back of Tantalus	Jun 1901			
782	Oahu	Konahuanui ridge	Nov 1900			
783	Oahu	Konahuanui ridge	Dec 1900			
784	Oahu	back of Tantalus	Nov 1900		<i>Pipturus, Pisonia</i>	
785	Oahu	Honolulu mountains	Aug 1900			
786	Oahu	Honolulu mountains	Jul 1900			
787	Oahu	Honolulu mountains	Dec 1900			
788	Oahu	Honolulu mountains	Dec 1900			
789	Oahu	Honolulu mountains	Jun 1900			
790	Oahu	Honolulu mountains	Sep 1900			
791	Oahu	back of Tantalus	Dec 1900		<i>Pipturus</i>	
792	Oahu	Honolulu end of Koolau range	Dec 1900			
793	Oahu	Honolulu end of Koolau range	Nov, Dec 1900			
794	Oahu	back of Tantalus	Nov, Dec 1900			
795	Hawaii	Kona	—			

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
796	Oahu	Waialua coast	1900			
797	Hawaii	Kona	1900			
798	Oahu	Waialua coast	1900			
799	Oahu	Honolulu	Oct 1900			
800	Oahu	Honolulu mountains	Dec 1900		<i>Cis</i> bred from kukui fungus	
801	Oahu	—	—			
802	Kauai	Lihue	1900			
803	Oahu	Nuuanu Pali	Dec 1900			
804	Oahu	Honolulu mountains	Jul 1900		<i>Cis</i> with 1 Hymenoptera	
805	Oahu	Honolulu mountains	—			
806	Oahu	Waialua coast	Oct 1901			
807	Hawaii	Kona	—			
808	Hawaii	North Kona	—			
809	Maui	Haleakala	—			
810	Oahu	Konahuanui ridge	Feb 1901		all on <i>Pelea</i>	
811	Oahu	Koolau, high mountains	Feb 1901		flower of <i>Astelia</i>	
812	Hawaii	Hualalai	1900			
813	Oahu	Honolulu mountains	summer			
814	Hawaii	North Kona, Hualalai	1900			
815	Hawaii	Olaa	—			[possibly 2000 ft.]
816	Oahu	head of Pauoa	Dec 1900			
817	Maui	—	1900			
818	Oahu	head of Pauoa Valley	Dec 1900			
819	Oahu	back of Tantalus	Nov 1900		<i>Pipturus</i>	
820	Oahu	back of Tantalus	Nov 1900		<i>Pisonia</i>	
821	Oahu	Honolulu end of Koolau range	Dec 1900			
822	Oahu	—	Dec 1900		<i>Pelea</i>	
823	Hawaii	—	—			
824	Oahu	Honolulu mountains	Jan 1901			
825	Oahu	Honolulu mountains	Dec 1900		Homoptera, all <i>Pipturus</i>	
826	Maui	Haleakala	1901	2000-3000		
827	Oahu	Honolulu mountains	Jul 1900		on "kalia"	
828	Oahu	Waialua end of Koolau range	Sep 1900			
829	Kauai	Waimea watershed	Apr 1901			
830	Hawaii	—	Nov 1900		bred	

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
831	Hawaii	—	Oct 1900		bred	
832	Oahu	Honolulu mountains	Dec 1900		<i>Cis &amp; Proterhinus</i> on <i>Pipturus</i>	
833	Oahu	Honolulu mountains	Dec 1900		kadua tree	
834	Oahu	Honolulu city	Jun 1900			
835	Oahu	[Nuuanu] Pali	Dec 1900		<i>Dracaena aurea</i>	
836	Oahu	Honolulu	Jul 1900			
837	Oahu	Honolulu	—		bred from <i>Pipturus</i>	
838	Oahu	Honolulu mountains	31 Jul 1900		bred from <i>Pipturus</i>	
841	Oahu	Koolau range	Jul 1900	2000		
844	Kauai	—	1900			
845	Mau	Haleakala	1900	3000		
846	Oahu	Koolau range	1900			
847	Oahu	Honolulu mountains	Dec 1900			
848	Oahu	Honolulu	Nov 1900			
849	Oahu	Honolulu city	—			
850	Oahu	Honolulu, back of Tantalus	Nov 1900			
851	Oahu	Waialua	Apr 1900			
852	Mau	Haleakala	—	5000		
853	Oahu	Honolulu	Apr 1900			
854	Oahu	Honolulu	Jan 1901		on tamarinds	
855	Oahu	Honolulu	Sep 1900			
856	Oahu	Honolulu mountains	Dec 1900		on <i>Pipturus</i>	
857	Oahu	north west Koolau	Aug 1901			
858	Oahu	north west Koolau	May 1901			
859	Oahu	north west Koolau	Aug 1901			
860	Oahu	Honolulu mountains	1900			
861	Oahu	Honolulu mountains	Dec 1900			
862	Oahu	Honolulu mountains	Jun 1901			
863	Oahu	north west Koolau	Jul 1901			
864	Oahu	north west Koolau	May 1901			
865	Oahu	north Koolau range	Aug 1901			
866	Oahu	Honolulu mountains	Jan 1900			
867	Oahu	Konahuanui ridge	Mar 1901			
868	Oahu	south east coast	Jan 1901			
869	Oahu	Honolulu mountains	Nov 1900		<i>Pipturus</i>	
870	Oahu	Honolulu end of Koolau range	Nov, Dec 1900			

No.	Island	Locality	Date	Elev. (ft.)	Other	Notes
871	Oahu	Konahuanui ridge	Nov 1900			
872	Oahu	Honolulu mountains	Sep 1900			
873	Oahu	Waialua	Sep 1900	2000		
874	Maui	Haleakala	—	3000		
875	Oahu	—	Mar 1901			
876	Oahu	Honolulu mountains	Oct 1900			
877	—	missing	—			
878	Oahu	Waialua	—			
879	Maui	Haleakala	Sep 1901	2000-3000		
880	Maui	Haleakala	1901	2000-3000		
881	Maui	Haleakala, saw mill	1901			
882	Kauai	Lihue	—			
883	Oahu	Honolulu mountains	Nov, Dec 1900			
884	Oahu	high Honolulu mountains	Dec [1900]			
885	Oahu	Honolulu mountains	Sep 1900			
886	Oahu	Honolulu mountains	Jun, Jul 1900			
887	Oahu	Koolau	—	2500	on koa	
888	Oahu	Honolulu mountains	Aug 1900			
889	Oahu	—	—		Koebele	
890		?Oahu or ?Hawaii	—		doubtful	
891	Oahu	Waianae	Apr 1900			
892	—	—	—		<i>Fornax</i> bred from koa	
893	Oahu	north west Koolau	Mar 1901			
894	Hawaii	Hualalai	1900			
895	Oahu	Koolau range	Aug 1900			
896	Oahu	Honolulu	Dec 1900		bred	
897	Maui	Haleakala	1900			
898	Hawaii	—	—		bred	
899	Hawaii	—	—	4000		
900	Oahu	back of Tantalus	—			
901	Oahu	Honolulu?	—			
902	Oahu	back of Tantalus	—			
903	—	no label	—			
904	Oahu	Honolulu mountains	Dec 1900			
905	Oahu	Tantalus	Dec 1900		bred	
906	Hawaii	Kona	Oct 1900		from <i>Euphorbia</i>	