

Plants critical for Hawaiian land snail conservation: arboreal snail plant preferences in Pu‘u Kukui Watershed, Maui

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SUPPLEMENTARY TABLE 1 The number of individuals of each species recorded alive and collected (preserved and cataloged) at each site, with catalogue numbers are for all lots deposited in the Bishop Museum.

Site	Species	No. of live recorded	No. collected	Catalogue no.
1	<i>Auriculella uniplicata</i>	1	0	NA
1	<i>Deroceras laeve</i> *	2	2	BPBM286719
1	<i>Philonesia</i> spp.	4	2	BPBM286720
2	<i>Auriculella uniplicata</i>	2	0	NA
2	<i>Oxychilus alliarius</i> *	1	1	BPBM286721
2	<i>Philonesia</i> spp.	15	2	BPBM286722
3	<i>Auriculella uniplicata</i>	1	0	NA
3	<i>Catinella</i> spp.	12	0	NA
3	<i>Philonesia</i> spp.	6	2	BPBM286723
4	<i>Catinella</i> spp.	1	0	NA
4	<i>Philonesia</i> spp.	2	2	BPBM286724
5	<i>Auriculella uniplicata</i>	34	0	NA
5	<i>Catinella</i> spp.	1	0	NA
5	<i>Deroceras laeve</i> *	2	2	BPBM286725
5	<i>Lamellidea</i> cf. <i>polygnampta</i>	1	1	BPBM286726
5	<i>Oxychilus alliarius</i> *	2	2	BPBM286727
5	<i>Philonesia</i> spp.	35	3	BPBM286728
5	<i>Tornatellides</i> sp.	9	9	BPBM286729
6	<i>Catinella</i> spp.	11	0	NA
6	<i>Elasmias luakahaense</i>	4	4	BPBM286730
6	<i>Oxychilus alliarius</i> *	1	1	BPBM286731
6	<i>Philonesia</i> spp. ¹	4	4	BPBM286732
6	<i>Punctum</i> sp.	2	2	BPBM286733
6	<i>Tornatellides</i> sp.	9	6	BPBM286734
7	<i>Catinella</i> spp.	7	0	NA
7	<i>Deroceras laeve</i> *	1	0	NA
7	<i>Elasmias luakahaense</i> ²	59	49	BPBM286735
7	<i>Lamellidea</i> cf. <i>polygnampta</i>	5	5	BPBM286736
7	<i>Oxychilus alliarius</i> *	3	0	NA
7	<i>Tornatellides</i> sp.	6	3	BPBM286737
8	<i>Deroceras laeve</i> *	2	2	BPBM286738
8	<i>Deroceras reticulatum</i> *	1	0	NA
8	<i>Elasmias luakahaense</i>	2	1	BPBM286739
8	<i>Lamellidea</i> cf. <i>polygnampta</i>	1	1	BPBM286740
8	<i>Oxychilus alliarius</i> *	10	10	BPBM286741
8	<i>Philonesia</i> spp.	12	7	BPBM286742

8	<i>Tornatellaria</i> sp.	1	1	BPBM286743
8	<i>Tornatellides</i> sp.	4	2	BPBM286744
9	<i>Elasmias luakahaense</i>	7	4	BPBM286745

*, non-native species.

¹One individual *Philonesia* spp. was collected without associated plant data.

²Morphological differences among individuals required collection of individuals for taxonomic revisions

SUPPLEMENTARY TABLE 2 Nineteen, of the 40, native snail species in Pu‘u Kukui Watershed known to exist in our sampling area. Species numbers indicate genetically distinct lineages that have yet to be referred to a recognized species or that represent undescribed taxa that are part of revisionary systematics work by NWY and KAH. Taxonomic groupings designate how snails were identified and categorized during our field surveys. Voucher specimens were deposited into the Bishop Museum (Supplementary Table 1).

Family	Genus	Species	Taxonomic Grouping
Achatinellidae	<i>Auriculella</i>	<i>uniplicata</i>	<i>Auriculella uniplicata</i>
Achatinellidae	<i>Lamellidea</i>	<i>polygnampta</i>	<i>Lamellidea polygnampta</i>
Achatinellidae	<i>Tornatellaria</i>	sp. 12	Tornatellidinae spp.
Achatinellidae	<i>Tornatellaria</i>	sp. 13	Tornatellidinae spp.
Achatinellidae	<i>Tornatellides</i>	sp. 1	Tornatellidinae spp.
Achatinellidae	<i>Tornatellides</i>	sp. 18	Tornatellidinae spp.
Achatinellidae	<i>Tornatellides</i>	sp. 22	Tornatellidinae spp.
Achatinellidae	<i>Tornatellides</i>	sp. 3	Tornatellidinae spp.
Achatinellidae	<i>Tornatellides</i>	sp. 44	Tornatellidinae spp.
Achatinellidae	<i>Tornatellides</i>	sp. 5	Tornatellidinae spp.
Achatinellidae	<i>Elasmias</i>	<i>luakahaense</i>	<i>Elasmias luakahaense</i>
Succineidae	<i>Catinella</i>	<i>baldwini</i>	<i>Catinella</i> spp.
Succineidae	<i>Catinella</i>	sp. 6	<i>Catinella</i> spp.
Euconulidae	<i>Philonesia</i>	sp. 27	<i>Philonesia</i> spp.
Euconulidae	<i>Philonesia</i>	<i>waiheensis</i>	<i>Philonesia</i> spp.
Euconulidae	<i>Philonesia</i>	<i>perkinsi maunahoomae</i>	<i>Philonesia</i> spp.
Euconulidae	<i>Philonesia</i>	sp. 37	<i>Philonesia</i> spp.
Euconulidae	<i>Philonesia</i>	sp. 56	<i>Philonesia</i> spp.
Punctidae	<i>Punctum</i>	sp. 2	<i>Punctum</i> sp.