

Supporting information to the paper

Hibit, J., Daehler, C.C. Plant functional, biogeographical and phylogenetic diversity are related to native and non-native plant abundance in invaded Hawaiian forests. *Biological Invasions*.

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Online Resource 1. Plot attributes and midpoint coordinates

Plot	Coordinates (Decimal degrees)		Elevation (m)	Slope°	Precipitation (mm/yr)	dates sampled*	Vegetation type
MFR1	21.5739	-158.2083	86	36	877	2/23/2018	Closed canopy dry forest dominated by <i>Leucaena leucocephala</i> and <i>Sapindus oahuensis</i> .
MFR2	21.5718	-158.2104	313	12	895	4/4/2018	Dry forest area, dominated by <i>Megathyrsus maximus</i> (Grass).
MFR3	21.5721	-158.2109	298	43	895	4/4/2018	Open canopy dry forest.
MFR4	21.5496	-158.1800	353	45	1204	2/24/2018	Closed canopy dry forest.
MFR5	21.5702	-158.2011	117	36	946	2/1/2018	Closed canopy dry forest.
MFR6	21.5263	-158.1553	391	45	1647	3/10/2018	Closed canopy mesic forest. <i>Diospyros</i> spp. Dominated.
MFR7	21.5238	-158.1528	555	51	1681	3/9/2018	Closed canopy mesic forest.
KV4	21.5393	-157.8957	135	10	3812.8	9/10/2018	Closed canopy wet forest.

KV8	21.5296	-157.8799	103	3	2825.7	9/24/2018	Wet forest. Dominated by <i>Acacia Koa</i> , <i>Falcataria moluccana</i> , and <i>Pandanus tectorius</i> in canopy; <i>Ardisia elliptica</i> dominated in understory.
KV10	21.5423	-157.8859	60	10	2772.1	6/19/2018	Closed canopy wet forest. <i>Ardisia elliptica</i> dominated.
KV12	21.5377	-157.8909	60	5	3496.6	9/7/2018	Closed canopy wet forest ridge plot.
KV18	21.5288	-157.8863	182	10	3411.1	9/24/2018	Wet forest ridge plot. Sparse tree cover. <i>Dicranopteris linearis</i> dominated.

Appendix S1. (Continued) Plot attributes and midpoint coordinates

KV21	21.5210	-157.9026	276	40	5714.5	10/5/2018	Wet forest ridge plot. Fairly open canopy. Dominated by <i>Metrosideros polymorpha</i> and <i>Psidium cattleianum</i> .
KV23	21.5162	-157.9025	263	12	6101.2	10/5/2018	Mostly open wet forest. <i>Metrosideros polymorpha</i> and <i>Dicranopteris linearis</i> dominated.
KV35	21.5604	-157.8797	64	15	1799	7/17/2018	Closed canopy mesic forest.
KV37	21.5327	-157.8966	116	35	4187.2	9/19/2018	Closed canopy wet forest.
KV42	21.5490	-157.8848	137	45	2460.6	7/19/2018	Mostly open canopy mesic forest. <i>Dicranopteris linearis</i> dominated.
KV46	21.5601	-157.8772	75	20	1786.7	7/13/2018	Mostly open mesic forest.
KV50	21.5527	-157.8848	122	20	2311.6	7/19/2018	Mixed open/closed canopy mesic forest ridge plot.
KV61	21.5364	-157.8944	121	30	3711.3	9/10/2018	Open canopy wet forest ridge plot. <i>Dicranopteris linearis</i> dominated.
PNAR1	21.5368	-158.1809	652	6	1472	9/26/2018	Closed canopy mesic forest. <i>Psidium cattleianum</i> and <i>Schinus terebinthifolius</i> dominated.

PNAR2	21.5372	-158.1803	568	11	1472	8/29/2018	Closed canopy mesic forest. <i>Diospyros</i> spp. dominated.
PNAR6	21.5347	-158.1849	687	39	1493.7	7/23/2018	Closed canopy mesic forest.
PNAR7	21.5351	-158.1857	704	34	1493.7	7/23/2018	Closed canopy mesic forest.
PNAR9	21.5319	-158.1804	713	46	1549.6	10/15/2018	Closed canopy mesic forest.
PNAR10	21.5309	-158.1782	701	30	1596.6	10/15/2018	Closed canopy mesic forest. <i>Psidium cattleianum</i> and <i>Schinus terebinthifolius</i> dominated.
PNAR11	21.5327	-158.1765	687	29	1565.5	8/29/2018	Closed canopy mesic forest.
PNAR12	21.5375	-158.1908	660	50	1425.9	7/25/2018	Closed canopy mesic forest.
PNAR19	21.5420	-158.1925	556	35	1357.8	5/7/2018	Closed canopy mesic forest.

Appendix S1. (Continued) Plot attributes and midpoint coordinates

PNAR20	21.5415	-158.1922	610	32	1357.8	5/7/2018	Closed canopy mesic forest.
PNAR21	21.5366	-158.1876	614	18	1443	9/26/2018	Closed canopy mesic forest.
PNAR23	21.5334	-158.1823	596	22	1513.9	7/24/2018	Closed canopy mesic forest.
WR1	21.3306	-157.7840	584	0	3243.7	11/16/2018	Mostly open canopy wet forest ridge plot. <i>Metrosideros polymorpha</i> and <i>Dicranopteris linearis</i> dominated.
WR2	21.3250	-157.7875	505	8	3240.7	11/16/2018	Closed canopy wet forest ridge plot. Dominated by <i>Psidium cattleianum</i> .
WR3	21.3216	-157.7884	496	8	2989	1/22/2019	Closed canopy wet forest ridge plot.
WR4	21.3192	-157.7892	488	21	2823.7	1/22/2019	Mostly open canopy wet forest. <i>Dicranopteris linearis</i> dominated.
WK1	21.5004	-158.1573	683	20	1819.3	11/2/2018	Mostly open canopy mesic forest. <i>Dicranopteris linearis</i> , <i>Metrosideros polymorpha</i> , <i>Acacia koa</i> dominated.
WK2	21.5020	-158.1565	815	37	1857.3	11/2/2018	Closed canopy mesic forest. <i>Psidium cattleianum</i> dominated.
WK3	21.5028	-158.1614	793	13	1839.4	11/2/2018	Closed canopy mesic forest ridge plot.

WK4	21.5028	-158.1596	784	15	1851.7	11/5/2018	Mixed open/closed canopy mesic forest ridge plot.
WK5	21.5020	-158.1632	787	37	1825.1	11/6/2018	Closed canopy mesic forest.
WK6	21.5018	-158.1631	748	40	1825.1	11/6/2018	Closed canopy mesic forest. <i>Psidium cattleianum</i> dominated.
WK7	21.5013	-158.1622	755	30	1799.4	11/6/2018	Closed canopy mesic forest.
HL1	21.3166	-157.7429	474	10	1924.3	1/29/2019	Mixed open/closed canopy mesic forest.
HL2	21.3134	-157.7435	455	37	1868.4	1/29/2019	Closed canopy mesic forest.

Appendix S1. (Continued) Plot attributes and midpoint coordinates

HL3	21.3124	-157.7446	468	24	1831.4	2/5/2019	Mixed open/closed canopy mesic forest. <i>Psidium cattleianum</i> dominated.
HL4	21.3032	-157.7450	369	33	1487.9	2/5/2019	Mesic scrub vegetation.
HL5	21.2997	-157.7456	379	20	1393.2	2/5/2019	Mesic scrub vegetation with sparse tree cover.
T1	21.3454	-157.8032	651	12.5	3415.3	2/12/2019	Mostly open canopy wet forest ridge plot.
T2	21.3451	-157.8051	577	25	3413.7	2/12/2019	Mostly open canopy wet forest. <i>Dicranopteris linearis</i> dominated.
