HDIM6358; laupLSAG_10	HDIM6358; laupLSAG_10	HDIM6358; laupLSAG_10	HDIM6358; laupLSAG_10	HDIM6358; laupLSAG_10	HDIM6358; laupLSAG_10
pitfall F; 2015-aug-2	pitfall F; 2015-aug-2	pitfall F; 2015-aug-2	pitfall F; 2015-aug-2	pitfall F; 2015-aug-2	pitfall F; 2015-aug-2
C. Ewing, A. Rominger coll.	C. Ewing, A. Rominger coll.	C. Ewing, A. Rominger coll.	C. Ewing, A. Rominger coll.	C. Ewing, A. Rominger coll.	C. Ewing, A. Rominger coll.
HDIM6358; laupLSAG_10 pitfall F; 2015-aug-2 C. Ewing, A. Rominger coll.	HDIM6358; laupLSAG_10 pitfall F; 2015-aug-2 C. Ewing, A. Rominger coll.	HDIM6358; laupLSAG_10 pitfall F; 2015-aug-2 C. Ewing, A. Rominger coll.	HDIM6358; laupLSAG_10 pitfall F; 2015-aug-2 C. Ewing, A. Rominger coll.	HDIM6439; kaiholenaYng_10 Canopy down; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM6439; kaiholenaYng.10 Canopy down; 2015-aug-20 C.N, C. Ewing, N. Graham coll.
HDIM6439; kaiholenaYng_10	HDIM6439; kaiholenaYng_10	HDIM6439; kaiholenaYng_10	HDIM6439; kaiholenaYng_10	HDIM6439; kaiholenaYng_10	HDIM6439; kaiholenaYng_10
Canopy down; 2015-aug-20	Canopy down; 2015-aug-20	Canopy down; 2015-aug-20	Canopy down; 2015-aug-20	Canopy down; 2015-aug-20	Canopy down; 2015-aug-20
C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham
coll.	coll.	coll.	coll.	coll.	coll.
HDIM6439; kaiholenaYng_10 Canopy down; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM6439; kaiholenaYng_10 Canopy down; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM6439; kaiholenaYng_10 Canopy down; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM6439; kaiholenaYng_10 Canopy down; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM6440; kaiholenaYng_10 ground malaise; 2015-aug-20 N. Graham coll.	HDIM6440; kaiholenaYng_10 ground malaise; 2015-aug-20 N. Graham coll.
HDIM6440; kaiholenaYng_10 ground malaise; 2015-aug-20 N. Graham coll.	HDIM6440; kaiholenaYng_10	HDIM6440; kaiholenaYng_10		HDIM6440; kaiholenaYng_10 ground malaise; 2015-aug-20 N. Graham coll.	
HDIM6440; kaiholenaYng-10 ground malaise; 2015-aug-20 N. Graham coll.	HDIM6440; kaiholenaYng_10 ground malaise; 2015-aug-20 N. Graham coll.		HDIM6441; kaiholenaYng_10 Pitfall B; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM6441; kaiholenaYng_10 Pitfall B; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM6441; kaiholenaYng_10 Pitfall B; 2015-aug-20 C.N, C. Ewing, N. Graham coll.
HDIM6441; kaiholenaYng_10	HDIM6441; kaiholenaYng_10	HDIM6441; kaiholenaYng_10	HDIM6441; kaiholenaYng_10	HDIM6441; kaiholenaYng_10	HDIM6441; kaiholenaYng_10
Pitfall B; 2015-aug-20	Pitfall B; 2015-aug-20	Pitfall B; 2015-aug-20	Pitfall B; 2015-aug-20	Pitfall B; 2015-aug-20	Pitfall B; 2015-aug-20
C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham	C.N, C. Ewing, N. Graham
coll.	coll.	coll.	coll.	coll.	coll.
	HDIM6438; kaiholenaYng_10 Canopy up; 2015-aug-20 C.N, C. Ewing, N. Graham coll.				HDIM6438; kaiholenaYng.10 Canopy up; 2015-aug-20 C.N, C. Ewing, N. Graham coll.
	HDIM6443; kaiholenaYng_10 Pitfall F; 2015-aug-20 C.N, C. Ewing, N. Graham coll.			HDIM6442; kaiholenaYng_10 Pitfall D; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	
HDIM6442; kaiholenaYng-10 Pitfall D; 2015-aug-20 C.N, C. Ewing, N. Graham coll.	HDIM4215; laupLSAG_10 beating green Cibotium 40 sec. 10:20-01:30; 2015-may-29 N. Graham coll.	HDIM4215; laupLSAG_10 beating green Cibotium 40 sec. 10:20-01:30; 2015-may-29 N. Graham coll.	HDIM4215; laupLSAG_10 beating green Cibotium 40 sec. 10:20-01:30; 2015-may-29 N. Graham coll.	HDIM4215; laupLSAG_10 beating green Cibotium 40 sec. 10:20-01:30; 2015-may-29 N. Graham coll.	HDIM4215; laupLSAG-10 beating green Cibotium 40 sec. 10:20-01:30; 2015-may-29 N. Graham coll.
HDIM4215; laupLSAG_10	HDIM4215; laupLSAG.10	HDIM4215; laupLSAG.10	HDIM4215; laupLSAG.10	HDIM4215; laupLSAG.10	HDIM4215; laupLSAG_10
beating green Cibotium 40	beating green Cibotium 40	beating green Cibotium 40	beating green Cibotium 40	beating green Cibotium 40	beating green Cibotium 40
sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;
2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29
N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.
HDIM4215; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10
beating green Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40
sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;
2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29
N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.
HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10	HDIM4212; laupLSAG_10
beating brown Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40	beating brown Cibotium 40
sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;
2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29
N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.	N. Graham coll.
HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10
beating brown Cibotium 20	beating brown Cibotium 20	beating brown Cibotium 20	beating brown Cibotium 20	beating brown Cibotium 20	beating brown Cibotium 20
sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;
2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29
A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.
HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4211; laupLSAG_10	HDIM4205; laupLSAG_10
beating brown Cibotium 20	beating brown Cibotium 20	beating brown Cibotium 20	beating brown Cibotium 20	beating brown Cibotium 20	beating green Cibotium 50
sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;
2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29
A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.
HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10
beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50
sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;
2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29
A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.
HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10	HDIM4205; laupLSAG_10
beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50	beating green Cibotium 50
sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;	sec. 10:20-01:30;
2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29	2015-may-29
A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.	A. Rominger coll.
HDIM6411; flow1973_084	HDIM6411; flow1973_084	HDIM6411; flow1973_084	HDIM6411; flow1973_084	HDIM6411; flow1973_084	HDIM6411; flow1973_084
leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18
C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.
HDIM6411; flow1973_084 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6411; flow1973_084 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6411; flow1973_084 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6411; flow1973_084 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6662; laupLSAG_15 Beating Brown Cibotium 15 sec. 11:45-12:20; 2015-oct-13 C. Ewing coll.	HDIM6662; laupLSAG_15 Beating Brown Cibotium 15 sec. 11:45-12:20; 2015-oct-13 C. Ewing coll.
HDIM6662; laupLSAG_15	HDIM6662; laupLSAG_15	HDIM6662; laupLSAG_15	HDIM6662; laupLSAG_15	HDIM6662; laupLSAG_15	HDIM6662; laupLSAG_15
Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15
sec. 11:45-12:20;	sec. 11:45-12:20;	sec. 11:45-12:20;	sec. 11:45–12:20;	sec. 11:45–12:20;	sec. 11:45-12:20;
2015-oct-13	2015-oct-13	2015-oct-13	2015-oct-13	2015-oct-13	2015-oct-13
C. Ewing coll.	C. Ewing coll.	C. Ewing coll.	C. Ewing coll.	C. Ewing coll.	C. Ewing coll.
HDIM6662; laupLSAG_15 Beating Brown Cibotium 15 sec. 11:45-12:20; 2015-oct-13 C. Ewing coll.	HDIM6662; laupLSAG_15 Beating Brown Cibotium 15 sec. 11:45-12:20; 2015-oct-13 C. Ewing coll.	HDIM6662; laupLSAG_15 Beating Brown Cibotium 15 sec. 11:45-12:20; 2015-oct-13 C. Ewing coll.	HDIM6662; laupLSAG_15 Beating Brown Cibotium 15 sec. 11:45–12:20; 2015-oct-13 C. Ewing coll.	HDIM6398; flow1973_110 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6398; flow1973_110 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.
HDIM6398; flow1973_110	HDIM6398; flow1973_110	HDIM6398; flow1973_110	HDIM6398; flow1973_110	HDIM6398; flow1973_110	HDIM6398; flow1973_110
leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18	leaf litter; 2015-aug-18
C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.	C. Ewing, C. Nicholas coll.
HDIM6398; flow1973_110 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6398; flow1973_110 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6398; flow1973_110 leaf litter; 2015-aug-18 C. Ewing, C. Nicholas coll.	HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 sec. 12:05-2:00; 2015-sep-29 C. Ewing coll.	HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 sec. 12:05-2:00; 2015-sep-29 C. Ewing coll.	HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 sec. 12:05-2:00; 2015-sep-29 C. Ewing coll.
HDIM6632; laupLSAG_07	HDIM6632; laupLSAG_07	HDIM6632; laupLSAG_07	HDIM6632; laupLSAG_07	HDIM6632; laupLSAG_07	HDIM6632; laupLSAG_07
Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15	Beating Brown Cibotium 15
sec. 12:05-2:00; 2015-sep-29	sec. 12:05-2:00; 2015-sep-29	sec. 12:05–2:00; 2015-sep-29	sec. 12:05–2:00; 2015-sep-29	sec. 12:05–2:00; 2015-sep-29	sec. 12:05-2:00; 2015-sep-29
C. Ewing coll.	C. Ewing coll.	C. Ewing coll.	C. Ewing coll.	C. Ewing coll.	C. Ewing coll.

HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 12:05-2:00; 2015-sep-29 Ewing coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628: laupLSAG_07 B. Cote coll.

HDIM4227; laupLSAG_12 Branch clipping Metociterour polymorph 136 sec. 8:30; 2015-may-30 E. Tielens coll.

HDIM4227; laupLSAG_12 E. Tielens coll.

HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; Loreo Loreto coll.

HDIM6311; hippnet_08 Beating Brown Cibotium Beating Brown Cibo 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28 sec. 9:05-11: B. Cote coll.

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll.

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 8:30-9:16; 2015-sep-3

HDIM6494; laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6494: laupLSAG 01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30-9:57; 2015-sep-3 sec. 9:30-9:57; 20 K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30–9:57; 2015-sep-3 K. Shiroma coll.

HDIM6495; laupLSAG_01 Beating Cheirodendron 14 sec. 8:40-9:00; 2015-sep-3 C. Ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec. 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec. 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6500: laupLSAG_01 Beating M. lessertiana 10 sec. 10:25-10:45; 2015-sep-3 C. ewing coll.

HDIM6500; laupLSAG_01 Beating M. lessertiana 10 sec. 10:25–10:45; 2015-sep-3 C. ewing coll.

HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 12:05-2:00; 2015-sep-29 C. Ewing coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628: laupLSAG_07 Beating Green Cibotium 180 Beating Green Cibotiu B. Cote coll.

> HDIM4227; laupLSAG_12 Branch clipping Metociterour polymorph 136 Metociterour polymorph 136 sec. 8:30; 2015-may-30 sec. 8:30; 2015-may-30 E. Tielens coll.

HDIM4227: laupLSAG_12 HDIM4221; laupt5AG-12
Branch clipping Branch clipping Branch clipping Hetociterour polymorph 136
sec. 8:30; 2015-may-30 sec. 8:30; 2015-may-30
HDIM4221; laupt5AG-12
Branch clipping Hetociterour polymorph 136
sec. 8:30; 2015-may-30
sec. 8:30; 2015-may-30 E. Tielens coll.

> HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; Loreo Loreto coll.

> HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28 sec. 9:05–11:: B. Cote coll.

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll.

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 sec. 8:30-9:16; 2015-sep-3 K. Shiroma coll.

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 sec. 8:30-9:16; 2015-sep-3 K. Shiroma coll.

HDIM6494: laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6494: laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30-9:57; 2015-sep-3 sec. 9:30-9:57; z K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30–9:57; 2015-sep-3 K. Shiroma coll.

HDIM6495; laupLSAG_01 Beating Cheirodendron 14 sec. 8:40-9:00; 2015-sep-3 sec. 8:40-9:00; C. Ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec. 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec. 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6500: laupLSAG_01 Beating M. lessertiana 10 sec. 10:25–10:45; 2015-sep-3 C. ewing coll.

HDIM6500; laupLSAG_01 Beating M. lessertiana 10 sec. 10:25-10:45; 2015-sep-3 ewing coll.

HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 12:05-2:00; 2015-sep-29 C. Ewing coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628: laupLSAG_07 B. Cote coll.

HDIM4227; laupLSAG_12 Branch clipping

HDIM4227: laupLSAG_12 E. Tielens coll.

HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28 B. Cote coll. HDIM6312; hippnet_08

Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28

HDIM6312; hippnet_08
Beating Brown Cibotium 90
sec. 9:05-11:25; 2015-aug-28
B. Cote coll. HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12;

2015-oct-13 K. Shiroma coll HDIM6493; laupLSAG_01 Beating Green Cibotium 81 sec. 8:30-9:16; 2015-sep-3

K. Shiroma coll. HDIM6493; laupLSAG_01 Beating Green Cibotium 81

8:30-9:16; 2015-sep-3 HDIM6494; laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3

K. Shiroma coll. HDIM6494: laupLSAG 01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3

K. Shiroma coll. HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35: 2015-oct-13

K. Shiroma coll. HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13

K. Shiroma coll. HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30-9:57; 2015-sep-3 sec. 9:30-9:57; z K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30-9:57; 2015-sep-3 K. Shiroma coll.

HDIM6495; laupLSAG_01 Beating Cheirodendron 14 sec. 8:40-9:00; 2015-sep-3 sec. 8:40-9:00; C. Ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec. 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6500: laupLSAG_01 Beating M. lessertiana 10 sec. 10:25–10:45; 2015-sep-3 C. ewing coll.

HDIM6500; laupLSAG_01 Beating M. lessertiana 10 sec. 10:25–10:45; 2015-sep-3 C. ewing coll.

HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 sec. 12:05–2:00; 2015-sep-29 . Ewing coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05–1:57; 2015-sep-29 B. Cote coll.

HDIM6628: laupLSAG_07 B. Cote coll.

HDIM4227; laupLSAG_12 Branch clipping Metociterour polymorph 136 sec. 8:30; 2015-may-30 E. Tielens coll.

HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28 B. Cote coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28 B. Cote coll.

HDIM6663: laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll.

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll.

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 sec. 8:30-9:16; 2015-sep-3 K. Shiroma coll.

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 sec. 8:30-9:16; 2015-sep-3 K. Shiroma coll.

HDIM6494: laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6494: laupLSAG 01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30-9:57; 2015-sep-3 sec. 9:30-9:57; 20 K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30–9:57; 2015-sep-3 K. Shiroma coll.

HDIM6495; laupLSAG_01 Beating Cheirodendron 14 sec. 8:40–9:00; 2015-sep-3 C. Ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6498; laupLSAG_01 Beating Ilex 20 sec. 9:45-10:10; 2015-sep-3 C. ewing coll.

HDIM6500: laupLSAG_01 Beating M. lessertiana 10 sec. 10:25–10:45; 2015-sep-3 C. ewing coll.

HDIM6500; laupLSAG_01 Beating M. lessertiana 10 sec. 10:25-10:45; 2015-sep-3 ewing coll.

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HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 12:05-2:00; 2015-sep-29 C. Ewing coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM6628: laupLSAG_07 B. Cote coll.

HDIM4227; laupLSAG_12 Branch clipping Metociterour polymorph 136
sec. 8:30; 2015-may-30
E. Tielens coll.

Branch cupping
Metociterour polymorph 136
sec. 8:30; 2015-may-30
E. Tielens coll.

HDIM6311; hippnet_08 Reating Brown Cibotium Beating Brown Cibo 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28 B. Cote coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll.

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll.

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 sec. 8:30-9:16; 2015-sep-3 K. Shiroma coll.

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 8:30-9:16; 2015-sep-3 K. Shiroma coll.

HDIM6494; laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6494: laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35: 2015-oct-13 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30-9:57; 2015-sep-3 sec. 9:30-9:51; 4 K. Shiroma coll.

HDIM6495; laupLSAG_01 Beating Cheirodendron 14 sec. 8:40-9:00; 2015-sep-3 C. Ewing coll. HDIM6495; laupLSAG_01

Beating Cheirodendron 14 sec. 8:40-9:00; 2015-sep-3 sec. 8:40-9:00; C. Ewing coll. HDIM6498; laupLSAG_01

9:45-10:10; 2015-sep-3 C. ewing coll. HDIM6498; laupLSAG_01 Beating Ilex 20 sec. 9:45-10:10; 2015-sep-3

Beating Ilex 20 sec

C. ewing coll. HDIM6500: laupLSAG_01 Beating M. lessertiana 10 sec. 10:25–10:45; 2015-sep-3 C. ewing coll.

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM6632; laupLSAG_07 Beating Brown Cibotium 15 sec. 12:05-2:00; 2015-sep-29 C. Ewing coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29

B. Cote coll.

HDIM6628; laupLSAG_07 Beating Green Cibotium 180 sec. 11:05-1:57; 2015-sep-29 B. Cote coll.

HDIM4227; laupLSAG_12 Branch clipping
Metociterour polymorph 136
sec. 8:30; 2015-may-30 sec. 8:30; 2015-E. Tielens coll.

HDIM4227; laupLSAG_12 Branch clipping

HDIM6311; hippnet_08 Beating Brown Cibotium Beating Brown Cibo 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6311; hippnet_08 Beating Brown Cibotium 180 sec. 9:05-11:15; 2015-aug-28 Loreo Loreto coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05-11:25; 2015-aug-28 B. Cote coll.

HDIM6312; hippnet_08 Beating Brown Cibotium 90 sec. 9:05–11:25; 2015-aug-28 B. Cote coll.

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll.

HDIM6663; laupLSAG_15 Beating Brown Cibotium n/a sec. 11:45-12:12; 2015-oct-13 K. Shiroma coll

HDIM6493; laupLSAG_01 Beating Green Cibotium 81 sec. 8:30-9:16; 2015-sep-3 K. Shiroma coll.

HDIM6494; laupLSAG_01 Beating ie 'ie 68 sec 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6494; laupLSAG_01 Beating ie 'ie 68 sec. 10:10-10:50; 2015-sep-3

K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6661; laupLSAG_15 Beating n/a 66 sec. 10:48-11:35; 2015-oct-13 K. Shiroma coll.

HDIM6497; laupLSAG_01 Beating Brown Cibotium 40 sec. 9:30-9:57; 2015-sep-3 sec. 9:30-9:51; 2 K. Shiroma coll.

HDIM6495; laupLSAG_01 Beating Cheirodendron 14 sec. 8:40–9:00; 2015-sep-3 C. Ewing coll. HDIM6495; laupLSAG_01

Beating Cheirodendron 14 sec. 8:40-9:00; 2015-sep-3 sec. 8:40-9:00; C. Ewing coll. HDIM6498; laupLSAG_01 Beating Ilex 20 sec.

9:45-10:10; 2015-sep-3

C. ewing coll. HDIM6500; laupLSAG_01 Beating M. lessertiana 10 sec. 10:25-10:45; 2015-sep-3

C. ewing coll. HDIM6500: laupLSAG_01 Beating M. lessertiana 10 sec. 10:25–10:45; 2015-sep-3 C. ewing coll.

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM8031; waikamoi_18 beating Coprosma 18 se 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM8031; waikamoi_18 beating Coprosma 18 sec. 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec. 9:05-9:35; 2015-sep-3 C. ewing coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec 9:05-9:35; 2015-sep-3 C. ewing coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM8175: thurston_01 beating Ilex anomala 45 sec.; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8175; thurston_01 beating Ilex anomala 45 sec. ; 2015-jul-30

L. Villegas-Villeza coll. HDIM8179; thurston_01

beating brown Cibotium 20 ; 2015-jul-30 N. Graham coll.

HDIM8179; thurston_01 beating brown Cibotium 20 sec.; 2015-jul-30 N. Graham coll.

HDIM8039: waikamoi_06 beating ground cover 129 sec. 16:55-18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi 06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 sec. 16:55-18:4 C. Ewing coll.

HDIM8039; waikamoi_06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 C. Ewing coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec. 16:00–17:30; 2015-jul-4 B. Cole coll.

HDIM8033: waikamoi_06 eating Cheirodendron 13 c. 15:18–15:30; 2015-jul-4 sec. 15:18-15:30 N. Graham coll.

HDIM8033; waikamoi_06 beating Cheirodendron 13 sec. 15:18-15:30; 2015-jul-4 N. Graham coll

HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36–16:26; 2015-jul-4 N. Graham coll.

HDIM8044: waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4

E. Tielens coll. HDIM8044: waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4E. Tielens coll.

HDIM8041: waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4

N. Graham coll. HDIM8041; waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4

N. Graham coll. HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4

N. Graham coll

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40–4:00; 2015-sep-3 C. Ewing coll.

HDIM8031; waikamoi_18 beating Coprosma 18 sec. 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM8031; waikamoi_18 beating Coprosma 18 sec. 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec. 9:05-9:35; 2015-sep-3 C. ewing coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec 9:05-9:35; 2015-sep-3 C. ewing coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM8175: thurston_01 beating Ilex anomala 45 sec ; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8175; thurston_01 beating Ilex anomala 45 sec.; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8179; thurston_01 beating brown Cibotium 20 ; 2015-jul-30 N. Graham coll.

HDIM8179; thurston_01 beating brown Cibotium 20 sec.; 2015-jul-30 sec. ; 2015-jul-30 N. Graham coll.

HDIM8039: waikamoi_06 beating ground cover 129 sec. 16:55-18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi 06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 sec. 16:55-18:4 C. Ewing coll.

HDIM8036: waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec. 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4B. Cole coll.

HDIM8033: waikamoi_06 eating Cheirodendron 13 ec. 15:18–15:30; 2015-jul-4 sec. 15:18–15:30 N. Graham coll.

HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36–16:26; 2015-jul-4 N. Graham coll.

HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36-16:26; 2015-jul-4 N. Graham coll.

HDIM8044: waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8044; waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4

HDIM8041: waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8041; waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM8031; waikamoi_18 beating Coprosma 18 se 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM8031; waikamoi_18 beating Coprosma 18 sec. 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec. 9:05-9:35; 2015-sep-3 C. ewing coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM8175: thurston_01 beating Ilex anomala 45 sec.; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8175; thurston_01 beating Ilex anomala 45 sec.; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8179; thurston_01 beating brown Cibotium 20 ; 2015-jul-30 N. Graham coll.

HDIM8039; waikamoi_06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi_06 beating ground cover 129 sec. 16:55-18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi 06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 sec. 16:55-18: C. Ewing coll.

HDIM8036: waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8033: waikamoi_06 beating Cheirodendron 13 sec. 15:18–15:30; 2015-jul-4 sec. 15:18–15:30 N. Graham coll.

HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36-16:26; 2015-jul-4 N. Graham coll.

HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36–16:26; 2015-jul-4 N. Graham coll.

HDIM8044: waikamoi_06 beating ground cover 40 sec 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8044; waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8041: waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8041: waikamoi 06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

beating Coprosma 18 se 17:00-17:07; 2015-jul-3 A. Miller coll.

Beating alycra 24 sec 9:05–9:35; 2015-sep-3 C. ewing coll.

Beating alycra 24 sec. 9:05-9:35; 2015-sep-3 C. ewing coll.

Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

beating Ilex anomala 45 sec. 2015-jul-30 L. Villegas-Villeza coll.

beating Ilex anomala 45 sec.; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8175; thurston_01

HDIM8179; thurston_01 beating brown Cibotium 20 sec. ; 2015-jul-30 N. Graham coll.

beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 Ewing coll.

beating ground cover 129 sec. 16:55-18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi 06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 C. Ewing coll.

HDIM8036: waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4

HDIM8036; waikamoi_06 beating Melicope 50 sec. 16:00-17:30; 2015-jul-4 B. Cole coll.

beating Melicope 50 sec. 16:00–17:30; 2015-jul-4 B. Cole coll.

HDIM8033: waikamoi_06 eating Cheirodendron 13 c. 15:18–15:30; 2015-jul-4

HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36-16:26; 2015-jul-4

beating Styphelia tameiameiae 34 sec. 15:36–16:26; 2015-jul-4

HDIM8044: waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8044; waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8041: waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4

beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll

HDIM6513: laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM8031; waikamoi_18 beating Coprosma 18 sec. 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM8031; waikamoi_18 beating Coprosma 18 sec. 17:00–17:07; 2015-jul-3 A. Miller coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec 9:05–9:35; 2015-sep-3 C. ewing coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec. 9:05-9:35; 2015-sep-3 C. ewing coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM8175; thurston_01 beating Ilex anomala 45 sec. 2015-jul-30 L. Villegas-Villeza coll.

HDIM8175: thurston_01 beating Ilex anomala 45 sec. ; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8179; thurston_01 beating brown Cibotium 20 sec.; 2015-jul-30 N. Graham coll.

HDIM8179; thurston_01 beating brown Cibotium 20 ; 2015-jul-30 N. Graham coll.

HDIM8039; waikamoi_06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 sec. 16:55-18:4 C. Ewing coll.

HDIM8039: waikamoi_06 beating ground cover 129 sec. 16:55-18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi 06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 C. Ewing coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec. 16:00-17:30; 2015-jul-4 B. Cole coll. HDIM8033; waikamoi_06

beating Cheirodendron 13 15:18-15:30; 2015-jul-4 N. Graham coll. HDIM8033: waikamoi_06

beating Cheirodendron 13 sec. 15:18–15:30; 2015-jul-4 sec. 15:18–15:30 N. Graham coll. HDIM8034; waikamoi_06 beating Styphelia

N. Graham coll. HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36–16:26; 2015-jul-4

tameiameiae 34 sec. 15:36–16:26; 2015-jul-4

N. Graham coll. HDIM8044: waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8044; waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8041: waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8041; waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll

HDIM6513; laupLSAG_01 Beating Low Ferns 27 sec. 3:40-4:00; 2015-sep-3 C. Ewing coll.

HDIM8031; waikamoi_18 beating Coprosma 18 sec. 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM8031; waikamoi_18 beating Coprosma 18 se 17:00-17:07; 2015-jul-3 A. Miller coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec. 9:05–9:35; 2015-sep-3 C. ewing coll.

HDIM6496; laupLSAG_01 Beating alycra 24 sec. 9:05-9:35; 2015-sep-3 C. ewing coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM6499; laupLSAG_01 Beating ie' ie' 68 sec. 10:10-10:50; 2015-sep-3 K. Shiroma coll.

HDIM8175; thurston_01 beating Ilex anomala 45 sec. 2015-jul-30 L. Villegas-Villeza coll.

HDIM8175: thurston_01 beating Ilex anomala 45 sec.; 2015-jul-30
L. Villegas-Villeza coll.

HDIM8179; thurston_01 beating brown Cibotium 20 sec.; 2015-jul-30 sec. ; 2015-jul-30 N. Graham coll.

HDIM8179; thurston_01 beating brown Cibotium 20 sec.; 2015-jul-30 N. Graham coll.

HDIM8039; waikamoi_06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi_06 beating ground cover 129 sec. 16:55-18:45; 2015-jul-4 C. Ewing coll.

HDIM8039: waikamoi 06 beating ground cover 129 sec. 16:55–18:45; 2015-jul-4 sec. 16:55-18:4 C. Ewing coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8036; waikamoi_06 beating Melicope 50 sec 16:00-17:30; 2015-jul-4 B. Cole coll.

HDIM8033; waikamoi_06 beating Cheirodendron 13 sec. 15:18–15:30; 2015-jul-4 N. Graham coll. HDIM8033: waikamoi_06

beating Cheirodendron 13 sec. 15:18–15:30; 2015-jul-4 sec. 15:18-15:30 N. Graham coll. HDIM8034; waikamoi_06 beating Styphelia

N. Graham coll. HDIM8034; waikamoi_06 beating Styphelia tameiameiae 34 sec. 15:36–16:26; 2015-jul-4

tameiameiae 34 sec. 15:36–16:26; 2015-jul-4

N. Graham coll. HDIM8044: waikamoi_06 beating ground cover 40 sec. 18:10-18:40; 2015-jul-4

E. Tielens coll. HDIM8044; waikamoi_06 beating ground cover 40 sec 18:10-18:40; 2015-jul-4 E. Tielens coll.

HDIM8041: waikamoi_06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8041: waikamoi 06 beating Alyxia 23 sec. 17:46–18:15; 2015-jul-4 N. Graham coll.

HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll

HDIM6513; laupLSAG_01

HDIM6513; laupLSAG_01

HDIM8031; waikamoi_18

HDIM6496: laupLSAG_01

HDIM6496; laupLSAG_01

HDIM6499; laupLSAG_01

HDIM8175; thurston_01

HDIM8175: thurston_01

beating Ilex anomala 45 sec.; 2015-jul-30 L. Villegas-Villeza coll.

HDIM8039; waikamoi_06

HDIM8039: waikamoi_06

B. Cole coll.

HDIM8036; waikamoi_06

sec. 15:18-15:30 N. Graham coll.

N. Graham coll. HDIM8034; waikamoi_06

N. Graham coll.

N. Graham coll. HDIM8041: waikamoi 06

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HDIM8038: waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

HDIM8042; waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 sec. 18:05–18: A. Miller coll.

HDIM8042: waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 A. Miller coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10-18:45; 2015-jul-4 B. Cote coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10–18:45; 2015-jul-4 sec. 18:10-18 B. Cote coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27: 2015-iul-5 N. Graham coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; N. Graham coll.

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15-17:40: 2015-jul-5 A. Miller coll.

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15–17:40; 2015-jul-5 A. Miller coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6323: hippnet_05 Beating Green Cibotium 78 sec. ; 2015-jul-28 B. Cote coll.

HDIM6323; hippnet_05 Beating Green Cibotium 78 sec.; 2015-jul-28 B. Cote coll.

HDIM6322:

HippnetLaupahoehoe Beating Green Cibotium 78 sec. 11:55–12:55; 2015-jul-28 sec. 11:55-12 B. Cote coll.

HDIM6322:

HippnetLaupahoehoe Beating Green Cibotium 78 11:55-12:55; 2015-jul-28 B. Cote coll.

HDIM6321; hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM6324; hippnet_06 Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll.

 ${\tt HDIM6324;\ hippnet_06}$ Beating Malicope 62 se 1:05-1:50; 2015-jul-28 Cuista Man coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25; 2015-jun-25 C. Nicholas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8038: waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

HDIM8042; waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 sec. 18:05-18: A. Miller coll.

HDIM8042: waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 A. Miller coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10-18:45; 2015-jul-4 B. Cote coll

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10–18:45; 2015-jul-4 B. Cote coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; 2015-iul-5 N. Graham coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; N. Graham coll.

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15-17:40; 2015-jul-5 A. Miller coll.

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15–17:40; 2015-jul-5 A. Miller coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6323: hippnet_05 Beating Green Cibotium 78 sec.; 2015-jul-28 B. Cote coll.

HDIM6323; hippnet_05 Beating Green Cibotium 78 sec.; 2015-jul-28

B. Cote coll

HDIM6322: HippnetLaupahoehoe Beating Green Cibotium 78 sec. 11:55-12:55; 2015-jul-28 sec. 11:55–12 B. Cote coll.

HDIM6321; hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM6321: hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM6324; hippnet_06 Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll.

 ${\tt HDIM6324;\ hippnet_06}$ Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25; 2015-jun-25 C. Nicholas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

HDIM8042; waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 sec. 18:05-18: A. Miller coll.

HDIM8042: waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 A. Miller coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10-18:45; 2015-jul-4 B. Cote coll

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10–18:45; 2015-jul-4 sec. 18:10–18 B. Cote coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; 2015-iul-5 N. Graham coll.

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15–17:40; 2015-jul-5 A. Miller coll.

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15-17:40; 2015-jul-5

A. Miller coll. HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15–17:40; 2015-jul-5 A. Miller coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6323: hippnet_05 Beating Green Cibotium 78 sec.; 2015-jul-28 B. Cote coll.

HDIM6323; hippnet_05 Beating Green Cibotium 78 ; 2015-jul-28 B. Cote coll.

HDIM6322: HippnetLaupahoehoe Beating Green Cibotium 78 sec. 11:55–12:55; 2015-jul-28 sec. 11:55-12 B. Cote coll.

HDIM6321; hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM6321; hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM6324; hippnet_06 Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll.

 ${\tt HDIM6324;\ hippnet_06}$ Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53–12:25; 2015-jun-25 C. Nicholas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll. HDIM8038: waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

HDIM8042; waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 sec. 18:05-18: A. Miller coll.

HDIM8042: waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 A. Miller coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10-18:45; 2015-jul-4 B. Cote coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; 52 sec. 15: 2015-jul-5 N. Graham coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; 2015-iul-5

N. Graham coll. HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15–17:40; 2015-jul-5

A. Miller coll. HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15-17:40; 2015-jul-5

A. Miller coll.

B. Cote coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6323: hippnet_05 Beating Green Cibotium 78 sec. ; 2015-jul-28

HDIM6323; hippnet_05 Beating Green Cibotium 78 sec.; 2015-jul-28 B. Cote coll

HDIM6322: HippnetLaupahoehoe
Beating Green Cibotium 78
sec. 11:55–12:55; 2015-jul-28 sec. 11:55–12 B. Cote coll.

HDIM6321; hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM6321: hippnet_05 Beating Malicope 63 se 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM6324; hippnet_06 Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll.

HDIM8056: waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25; 2015-iun-25 C. Nicholas coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25; 2015-jun-25 C. Nicholas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8038; waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

HDIM8042; waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 sec. 18:05-18: A. Miller coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10–18:45; 2015-jul-4 B. Cote coll.

beating green Cibotium 24 sec. 18:10-18:45; 2015-jul-4

beating Coprosma montana 52 sec. 15:15–16:27; 2015-jul-5 N. Graham coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; 2015-inl-5

HDIM8060; waikamoi_07

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15-17:40;

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

Beating Green Cibotium 78 sec.; 2015-jul-28 B. Cote coll.

HDIM6322: HippnetLaupahoehoe Beating Green Cibotium 78 sec. 11:55–12:55; 2015-jul-28

HippnetLaupahoehoe Beating Green Cibotium 78 sec. 11:55-12:55; 2015-jul-28 B. Cote coll.

Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28

Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll.

beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

2015-iun-25 C. Nicholas coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25; 2015-jun-25

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll.

Beating Green Cibotium 64 sec.; 2015-jul-28 K. Shiroma coll.

HDIM8038: waikamoi_06 beating Coprosma 40 sec. 16:47-17:32; 2015-jul-4 N. Graham coll.

HDIM8042; waikamoi_06 beating brown Cibotium 12 sec. 18:05–18:19; 2015-jul-4 sec. 18:05-18: A. Miller coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10-18:45; 2015-jul-4 B. Cote coll.

HDIM8043; waikamoi_06 beating green Cibotium 24 sec. 18:10-18:45; 2015-jul-4 B. Cote coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; 52 sec. 15 2015-jul-5 N. Graham coll.

HDIM8058; waikamoi_07 beating Coprosma montana 52 sec. 15:15-16:27; 2015-iul-5 N. Graham coll.

HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15–17:40; 2015-jul-5

A. Miller coll HDIM8060; waikamoi_07 beating Coprosma montana 52 sec. 16:15-17:40; 2015-jul-5 A. Miller coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6323: hippnet_05 Beating Green Cibotium 78 sec.; 2015-jul-28 B. Cote coll.

HDIM6322: HippnetLaupahoehoe Beating Green Cibotium 78 sec. 11:55-12:55; 2015-jul-28 B. Cote coll.

HDIM6322; HippnetLaupahoehoe Beating Green Cibotium 78 sec. 11:55-12:55; 2015-jul-28 B. Cote coll.

HDIM6321; hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM6321: hippnet_05 Beating Malicope 63 sec. 12:50-1:50; 2015-jul-28 L. V. coll.

HDIM8141; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM6324; hippnet_06 Beating Malicope 62 sec. 1:05-1:50: 2015-jul-28 Cuista Man coll.

HDIM6324; hippnet_06

Beating Malicope 62 sec. 1:05-1:50; 2015-jul-28 Cuista Man coll. HDIM8056: waikamoi_07 beating ground cover 50 sec 15:00-15:35; 2015-jul-5

C. Ewing coll. HDIM8056; waikamoi_07 beating ground cover 50 sec. 15:00-15:35; 2015-jul-5 C. Ewing coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25; 2015-jun-25 C. Nicholas coll.

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25; 2015-jun-25 C. Nicholas coll.

HDIM8140; hippnet_06 Beating Green Cibotium 65 sec. n/a-n/a; 2015-jul-28 C. Nicolas coll.

HDIM8139; hippnet_06 Beating Green Cibotium 64 sec.; 2015-jul-28 K. Shiroma coll.

HDIM8043; waikamoi_06

B. Cote coll.

HDIM8058; waikamoi_07

N. Graham coll.

beating Coprosma montana 52 sec. 16:15-17:40; 2015-jul-5 A. Miller coll.

2015-jul-5 A. Miller coll.

HDIM6341; laupLSAG_15 canopy malaise; 2015-aug-2 C. Ewing, A. Rominger coll.

HDIM6323: hippnet_05

B. Cote coll. HDIM6322;

HDIM6321; hippnet_05

HDIM6321; hippnet_05

N. Graham coll.

N. Graham coll. HDIM6324; hippnet_06

HDIM8056: waikamoi_07

HDIM4311; hippnet_11 beating brown Cibotium 20 sec. 11:53-12:25;

C. Nicholas coll.

HDIM8139; hippnet_06

HDIM8139; hippnet_06 Beating Green Cibotium 64 sec.; 2015-jul-28 K. Shiroma coll.

HDIM8139; hippnet_06 Beating Green Cibotium 64 sec. ; 2015-jul-28 K. Shiroma coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6539; hippnet_05 ground malaise; 2015-sep-10 B. Cole, K. Shiroma, C. Ewing coll. HDIM8139; hippnet_06 Beating Green Cibotium 64 sec. ; 2015-jul-28 K. Shiroma coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM8144; hippnet_06
Beating Brown Cibotium 33
sec. n/a-n/a; 2015-jul-28
N. Graham coll.

HDIM8144; hippnet_06
Beating Brown Cibotium 33
sec. n/a-n/a; 2015-jul-28
N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06
Beating Ground fern 38 sec.; 2015-jul-28
N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6539; hippnet_05 ground malaise; 2015-sep-10 B. Cole, K. Shiroma, C. Ewing coll.

HDIM8139; hippnet_06 Beating Green Cibotium 64 sec.; 2015-jul-28 K. Shiroma coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06
Beating Ground fern 38 sec.
; 2015-jul-28
N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6539; hippnet_05 ground malaise; 2015-sep-10 B. Cole, K. Shiroma, C. Ewing coll.

HDIM8139; hippnet_06 Beating Green Cibotium 64 sec.; 2015-jul-28 K. Shiroma coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM8139; hippnet_06 Beating Green Cibotium 64 sec.; 2015-jul-28 K. Shiroma coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM4303; hippnet_11 beating green Cibotium 40 sec. 10:25-10:55; 2015-jun-25 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06
Beating Ground fern 38 sec.; 2015-jul-28
N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM6557; hippnet_11 0 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM8139; hippnet_06 Beating Green Cibotium 64 sec.; 2015-jul-28 K. Shiroma coll.

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HDIM8144; hippnet_06
Beating Brown Cibotium 33
sec. n/a-n/a; 2015-jul-28
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HDIM8144; hippnet_06 Beating Brown Cibotium 33 sec. n/a-n/a; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28 N. Graham coll.

HDIM8147; hippnet_06 Beating Ground fern 38 sec. ; 2015-jul-28

N. Graham coll.

HDIM8147; hippnet_06

Beating Ground fern 38 sec.
; 2015-jul-28

N. Graham coll.

HDIM4573; kokee_22
beating Vaccinium 30 sec.
11:10-11:35; 2015-aug-22
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HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark coll.

HDIM4573; kokee_22 beating Vaccinium 30 sec. 11:10-11:35; 2015-aug-22 L. Villegas-Villeza M. Stark

coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.

HDIM6557; hippnet_11 Ground Malaise; 2015-sep-10 C. Ewing, K. Shiroma, B. Cote coll.