**FST/ΦST**

**Locations and data**

**Question locations in yellow?**

***Nesosydne chambersi***

BI10site13loci\_arlequin.arp

microsats

ML

1, 06FBa, Mauna Loa, HIVO 8000ft, 1500-3000

2, 0807a, Mauna Loa, HIVO 6600ft, 1500-3000

3, LOR1, Mauna Loa, Mauna Loa Observatory Rd., <200

4, 0849a, Mauna Loa, Mauna Loa Observatory Rd., 1500-3000

5, 0851a, Mauna Loa, Mauna Loa Observatory Rd., 200-750

Saddle

6, 06GV1, Mauna Loa, Saddle max elev, mosaic, <200 and 1500-3000

7, 52002, Mauna Loa, Saddle 5200 ft, <200

MK

8, W0962, Mauna Kea, Waipahoehoe, 14000-65000

9, P005B, Mauna Kea, Puu Kanakaleonui, 14000-65000

10, JI10, Mauna Kea, Puu Naau, 4000-14000

N\_chambersi\_BigIslandCO1.arp

COI

Did not include because have microsat data above

MKBACK

PK

WG

SR52000

SR

MLOR\_L

MLOR\_M

MLOR\_H

MLT\_H

MLT\_L

***Nesosydne raillardiae***

N\_raillardiae\_BigIslandCO1.arp

COI

ML

ML\_HIVOHilinaPali

ML\_HIVONaupo

ML\_Maunuka

ML\_HIVOByronLedge

MK

MK\_BACK

MK\_PuuLaau

***Nesosydne bridwelli***

N\_bridwelli\_MauiCO1\_5sites.arp

COI

Haleakala

InsideCrater\_PalikuSide

InsideCrater\_nrSlidingSands

InsideCrater\_nrHoluaCabin

OutsideCrater\_nrHalemau

OutsideCrater\_rdSummit

***Trioza HB***

TriozaHB.arp

mtDNA

Kohala

HI\_col2\_K\_POUmi

HI\_col2\_K\_PLLae

HI\_col2\_K\_Waim

Saddle

HI\_col2\_ML\_SadRd

ML

HI\_col2\_ML\_Olaa

HI\_col2\_ML\_Alili

HI\_col2\_ML\_SCirRd

MK

HI\_col2\_MK\_Humu

HI\_col2\_MK\_Laupa

HI\_col2\_MK\_HamCoast

***Trioza HC***

col3HC.arp

mtDNA

Kohala

HI\_col3\_K\_KFP

HI\_col3\_K\_Waim

ML

HI\_col3\_ML\_KMC

HI\_col3\_ML\_SCirRd

HI\_col3\_ML\_Keauo

HI\_col3\_ML\_KIki

HI\_col3\_ML\_Puaulu

MK

HI\_col3\_MK\_Humu

***Drosophila sproati***

sproati.arp

mtDNA

Saddle

Saddle4100

Saddle4700

Saddle5400

Change to ML

Stainback3200

Stainback3600

ML

Kapapala4200

Kapapala4800

KonaHema4100

SouthKona4800

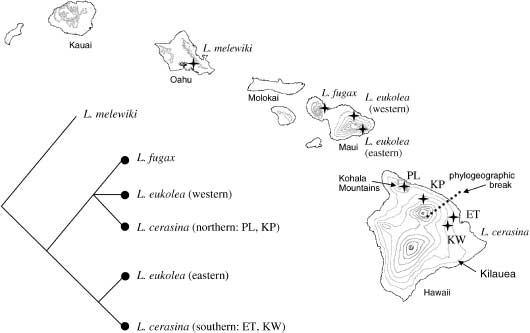
MK

Laupahoehoe4800

Laupahoehoe4000

Kohala

Kohala



***Laupala cerasina (cricket)***

AFLPs

Data\_nospisa.txt

NospisaBIMK.DAT

MK

ET

KP

KW

Kohala

PT

NospisaMHal.DAT

Haleakala

EEUK

WEUK

***Tetragnatha anuenue***

Anuenue\_CO1\_arlequin\_withinHI.arp

mtDNA

Saddle

KIPUKAS

Kilauea

PUUMAKAALA

Anuenue\_CO1\_arlequin\_Kipukas.arp

mtDNA

Saddle

KIPUKA1

KIPUKA2

KIPUKA3

KIPUKA5

KIPUKA6

KIPUKA7

KIPUKA\_PLRC

KIPUKA\_PLRS

***Tetragnatha brevignatha***

Brevignatha\_allo\_arlequin.arp

Allozymes

Haleakala

BWAI

KCAR

RWAI

WWAI

WCAR

Brevignatha\_CO1\_arlequin\_Kipukas.arp,

COI

Saddle

KIPUKA2

KIPUKA1

KIPUKA3

Brevignatha\_CO1\_arlequin\_withinHI.arp

COI

ML

HONOMOLINO

Saddle

KIPUKAS

Did not include, too few sites

KOHALA

HUALALAI

***Tetragnatha quasimodo***

Quasimodo\_CO1\_arlequin\_withinHI.arp

Did not include, too few sites

HUALALAI

KOHALA

Saddle

KIPUKAS

Kilauea

PUUMAKAALA

MK

LAUPAHOEHOE

Quasimodo\_CO1\_arlequin\_Kipukas.arp

COI

Saddle

KIPUKA1

KIPUKA2KIPUKA3

KIPUKA5

KIPUKA6

"KIPUKA7

KIPUKA\_PLRC

KIPUKA\_PLRS

Quasimodo\_allo\_arlequin\_withinHI.arp

Allozymes

Did not include, too few sites

3\_Hualalai\_HI

4\_Saddle\_HI

5\_Kilauea\_HI

***Theridion grallator***

Croucher (see our paper for BI)

Saddle

ML+Saddle

Haleakala

***Ariamnes spp.***

Argyrodes\_CO1\_arlequin\_withinHI.arp

COI

Kilauea

THURSTON

PUUMAKAALA

Did not include, too few sites

KIPUKAS