

Supplementary Material 2

METADATA from Appendix 1 – Detailed data on the distribution and abundance of the studied species

Column A- CODE

All specimens were assigned a SITE CODE composed of several letters and numbers that read as follows

i) the first three letters refer to island (FLO – Flores; FAI – Faial; PIC – Pico; SJG – São Jorge; GRA – Graciosa; TER – Terceira; SMG – São Miguel; SMR – Santa Maria);

ii) the following two letters refer to fragment (Flores: FR - Caldeiras Funda e Rasa, MA - Morro Alto e Pico da Sé; Faial: CF – Caldeira do Faial, CG – Cabeço do Fogo; Pico: CA – Caveiro, LC – Lagoa do Caiado, MP – Mistério da Prainha; São Jorge: PP – Pico Pinheiro, TO – Topo; Terceira: BF – Biscoito da Ferraria, GM – Caldeira do Guilherme Moniz, PG – Pico do Galhardo, SB – Serra de Santa Bárbara, TB – Terra Brava; São Miguel: AT – Atalhada, GR – Graminhais, PV – Pico da Vara; Santa Maria: PA – Pico Alto);

iii) the following three characters refer to the sampling transect; and

iv) the next letter refers to the sampling technique: P - pitfall, B - canopy beating; for pitfall samples (P) TU – Turquin and ET – ethylene glycol; for canopy samples (B) the next two letters refer to the plant sampled: CA = *Calluna vulgaris*, CL = *Clethra arborea*, ER = *Erica azorica*, FR = *Frangula azorica*, IL = *Ilex perado* ssp. *azorica*, JU = *Juniperus brevifolia*, LA = *Laurus azorica*, MC = *Morella faya*, MS = *Myrsine africana*, PI = *Picconia azorica*, PT = *Pittosporum undulatum*, VA = *Vaccinium cylindraceum*.

v) The final numbers are the pitfall or beating sample.

Column B - Fragment name

Column C - Site name (locality of the transect)

Column D - Site code

i) the first three letters refer to island (FLO – Flores; FAI – Faial; PIC – Pico; SJG – São Jorge; GRA – Graciosa; TER – Terceira; SMG – São Miguel; SMR – Santa Maria);

ii) the following four letters refer to fragment (Flores: FR - Caldeiras Funda e Rasa, MA - Morro Alto e Pico da Sé; Faial: CF – Caldeira do Faial, CG – Cabeço do Fogo; Pico: CA – Caveiro, LC – Lagoa do Caiado, MP – Mistério da Prainha; São Jorge: PP – Pico Pinheiro, TO – Topo; Terceira: BF – Biscoito da Ferraria, GM – Caldeira do Guilherme Moniz, PG – Pico do Galhardo, SB – Serra de Santa Bárbara, TB – Terra Brava; São Miguel: AT – Atalhada, GR – Graminhais, PV – Pico da Vara; Santa Maria: PA – Pico Alto);

iii) the following three characters refer to the sampling transect;

Column E – Azores Grid Zones

Column F – UTM E

Column G – UTM N

Column H – Project

Column I – Year

Column J – Month

Column K – Pitfall Solution /Plant

Column L – Sample code

-The next letter refers to the sampling technique: P - pitfall, B - canopy beating;

-For pitfall samples (P) TU – Turquin and ET – ethylene glycol; for canopy samples (B) the next two letters refer to the plant sampled: CA = *Calluna vulgaris*, CL = *Clethra arborea*, ER = *Erica azorica*, FR = *Frangula azorica*, IL = *Ilex perado* ssp. *azorica*, JU = *Juniperus brevifolia*, LA = *Laurus azorica*, MC = *Morella faya*, MS = *Myrsine africana*, PI = *Picconia azorica*, PT = *Pittosporum undulatum*, VA = *Vaccinium cylindraceum*.

-The final numbers are the pitfall or beating sample.

Column M – original morphospecies code pervious to species identification

Column N – Species name

Column O – Genus

Column P – restrictive specific

Column Q – subspecies

Column R – Authors

Column S – Family

Column T – Order

Column U – Class

Column V – Colonization Status

E: Endemic from Azores

N: Native non-endemic

I: Introduced species

Column W – Endemism Status

MAC: endemic from Macaronesia

A_END: endemic from at least two islands

SIE- endemic from a single island

Column X – Trophic Group

F: fungivorous

H: herbivore

P: predator

S: saprophagous

Column Y – AM/AF

Number of adult specimens without sex identification

Column Z – AM

Number of male adult specimens

Column AA – AF

Number of female adult specimens

Column AB – J

Number of juvenile specimens

Column AC – A/J

Number of pre-adults (spiders) specimens

Column AD – Total

Total number of specimens

Column AE – Adults

Total number of adults