

## Crop & Food Research Plant-SyNZ recording sheet, student

**Habitat being surveyed** \_\_\_\_\_

**Locality** \_\_\_\_\_

**Names of surveyors** \_\_\_\_\_

**Date of survey** \_\_\_\_\_

**Plot number** [ \_\_\_\_\_ ]

**Myrsine australis (389)** [tick if present \_\_\_\_\_ ] (Max search time \_\_\_\_\_ )

a	Tarsonemidae	Myrsine-leaf edge roll australis (sensu Martin db 2001)	Sp code 1206	[ _____ ]	leaf edge roll caused by tarsonemid mites on new leaves, associated with blistering and discolouration of leaf near the
c	Chrysomelidae	Myrsine leaf chewing beetle sp. (sensu Martin db 2000)	Sp code 850	[ _____ ]	young leaves chewed in centre
d	Cecidomyiidae	Myrsine shoot tip gall australis (sensu Lamb 1960)	Sp code 362	[ _____ ]	shoot tip gall
d	Cecidomyiidae	Myrsine stem gall australis (sensu Martin db 1999)	Sp code 566	[ _____ ]	stem gall on thin woody twigs, may be initiated on green twigs
he	Coccidae	Ctenochiton paraviridis	Sp code 394	[ _____ ]	large green scale with waxy plates, uneven dark mottling, associated with leaf dimples
he	Diaspididae	Eulepidosaphes pyriformis	Sp code 388	[ _____ ]	chlorotic spots on leaf, pear-shaped scale
he	Diaspididae	Poliaspis media, Myrsine australis strain (sensu Martin db 2003)	Sp code 544 Syn=1040	[ _____ ]	leaf tip curl and chlorotic area, on Myrsine australis

**Also may be present**

a	Eriophyoidea	Myrsine leaf blisters australis (sensu Martin db 2001)	Sp code 966	[ _____ ]	leaf blister gall, pale blisters on the underside of leaves
a	Tarsonemidae	Suskia masoni	Sp code 591	[ _____ ]	distortion of leaves and causes lower epidermis to slough off
a	Tenuipalpidae	Tenuipalpidae sp.	Sp code 1014	[ _____ ]	flat mites with red eggs, usually on underside of leaves
a	Tetranychidae	Grey mites	Sp code	[ _____ ]	flat grey mites and white molted skins on underside of leaf
c	Curculionidae	Psepholax tibialis	Sp code 1061	[ _____ ]	pit boring weevil that attacks live trees
f		Myrsine-fungal stem gall	Sp code 504	[ _____ ]	fungal stem gall, orange fruiting bodies
he	Coccidae	Plumichiton flavus	Sp code 619	[ _____ ]	yellow to brown scale insect with waxy plates, often associated with much honey dew
he	Diaspididae	Diaspididae sp.	Sp code 858	[ _____ ]	diaspidid scales
he	Eriococcidae	Eriochiton spinosus	Sp code 830	[ _____ ]	on twigs and branches; sac brown, on some hosts sticky waxy coating dorsally
he	Eriococcidae	Eriococcus myrsinae	Sp code 783	[ _____ ]	in axils of small stems, sac rather resinous
he	Pseudococcidae	Balanococcus agostus	Sp code 642	[ _____ ]	in crevices on trunks and under bark. Females purple, covered with small quantities of white wax
he	Pseudococcidae	Paracoccus cavaticus	Sp code 694	[ _____ ]	live females purplish brown, covered with a thin layer of powdery white wax.
l	Tortricidae	Ctenopseustis obliquana	Sp code 1132	[ _____ ]	leaves webbed together
l	Tortricidae	Epalxiphora axenana	Sp code 585	[ _____ ]	leaves webbed together

**Abbreviations for major invertebrate groupings**

a = Acari (mites)                      he = Hemiptera (sucking insects)  
d = Diptera (flies)                    l = Lepidoptera (moths & butterflies)  
c = Coleoptera (beetles)              th = Thysanoptera (thrips)

**Plant species herbivore list**

Thursday, 2 October 2003