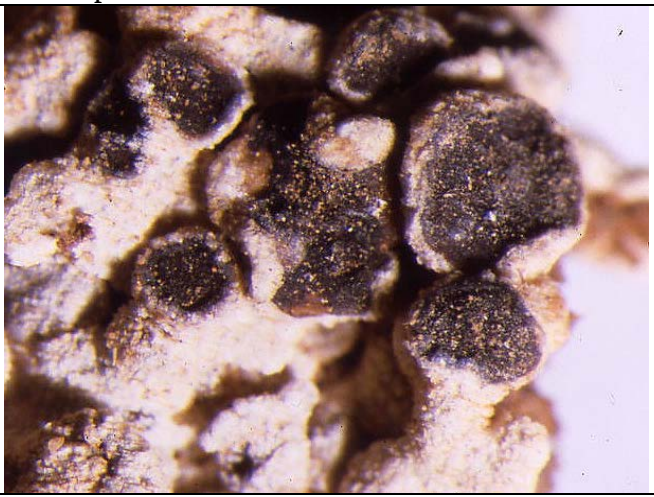


Acarospora

Thallus crustose to squamulose, areoles or squamules.. Ascocarp an apothecium, immersed or occasionally sessile; spores 200, minute, spherical to ovate, simple, hyaline. Chemistry C- or C+ red, K- or K+ red, KC+ red or KC-, UV + orange or UV-.

	
Acarospora cervina	Acarospora citrina
	
Acarospora negligens	Acarospora nodulosa



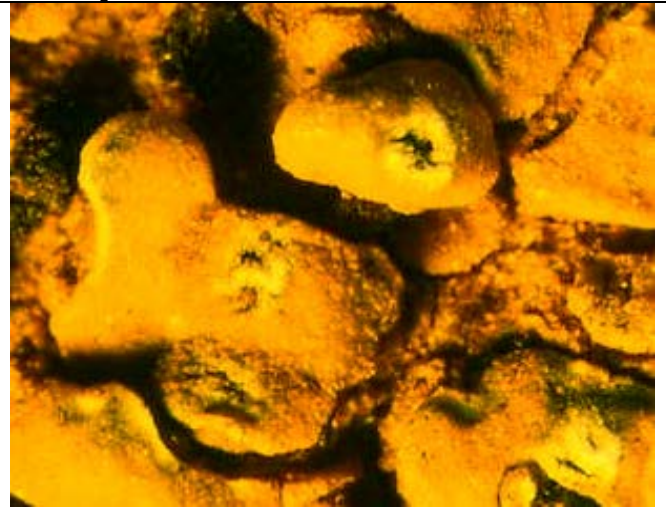
Acarospora nodulosa var. *regens*



Acarospora novae-hollandiae



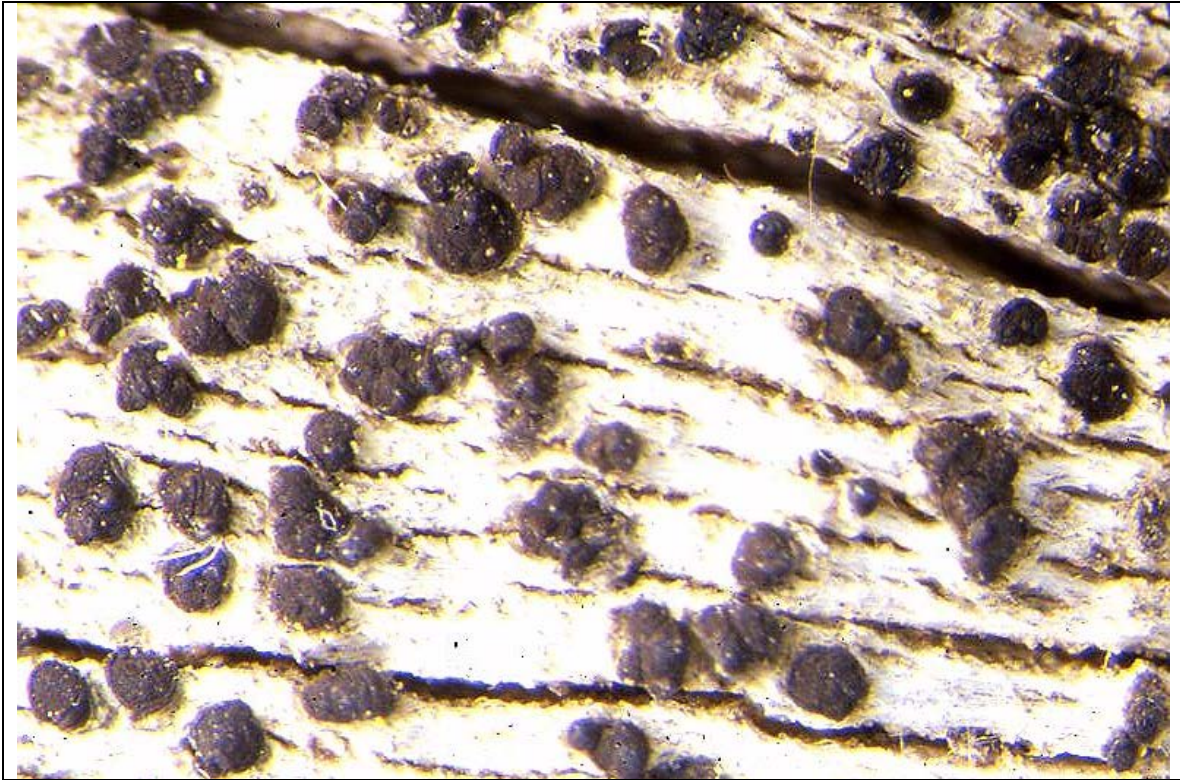
Acarospora sinopica



Acarospora smaragdula

Amandinea

Thallus crustose. Ascocarp an apothecium, lecideine, spores 1 septate . K-.



Amandinea punctata

Ancistrospora

Thallus byssoid, effuse, greyish green, prothallus distinct, brown. Ascocarp an apothecium to lirelliform, black, clumped; spores, obovate, hooked, 3 septate, Hyaline. Chemistry C⁺ red, K⁻, P⁻, UV⁺.

Anema

Anema sp.	

Anisomeridium

Thallus crustose, immersed. Ascocarp a perithecia partly immersed; spores 8, 1-3 septate.



Anisomeridium americanum



Anisomeridium sp.



Anisomeridium sp.



Arthonia

Thallus crustose ecorticate, partly or wholly immersed in substrate. Ascocarp round to lirriform pseudothecium, sessile to immersed in thallus, disc flat to convex, dark. Spores 8, oblong, ovoid, transversely septate, hyaline occasionally brown.

<i>Arthonia ilicina</i>

Arthopyrenia

Thallus crustose, undifferentiated, usually immersed in substrate. Ascocarpa perithecium-like pseudothecium, opening by a erect ostiole. Spores transversely 1-5 septate. Chemistry K-, C-, KC-.



Arthopyrenia analepta

Arthothelium

Thallus crustose, partly or wholly immersed in the substrate. Ascocarpa round to lirriform pseudothecium, sessile to immersed in the thallus without an exciple, disc flat to convex, dark, spores 8, muriform.

Arthothelium interveniens

Aspicilia

Thallus crustose to areolate, foliose or fruticose. Ascocarp an apothecium, immersed, spores 8, simple.



Aspicilia calcarea

Australiaena

Thallus crustose



Bacidia

Thallus crustose, attached by rhizoids, ecorticate. Ascocarp an apothecium, sessile to partly immersed in the thallus; disc round, flat to convex. Spores 8-16 with 3-many transverse septa, fusciform to acicular.

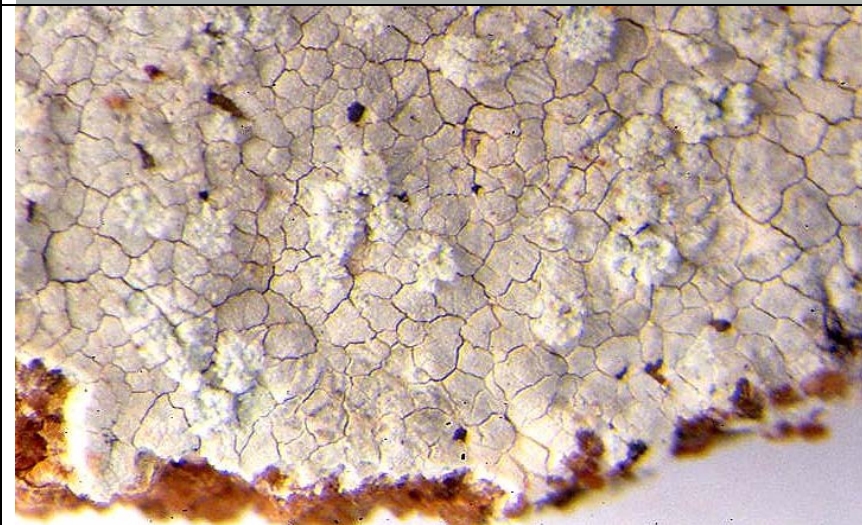


Bacidia microphyllina



Bacidia millegrana

Biatora



Biatora soresdosa

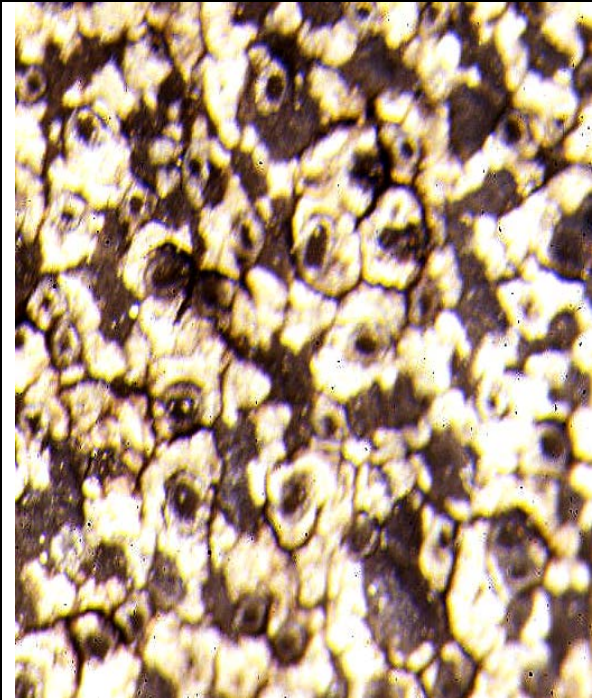
Biatoropsis

Biatoropsis usnearum	

Buellia

Thallus crustose or squamulose, sometimes endolithic. Ascocarp an apothecium; immersed, adnate or sessile; disc round with proper margin; 8 spored, 1 septate or falsely appearing 4 celled.

Buellia cretaeca	Buellia desertorum
Buellia epigaea	Buellia farinulenta
Buellia georgei	Buellia glomerulans
Buellia inturgescens	Buellia lobata
	
Buellia marginulata	Buellia pruinosa
Beuellia spuria	



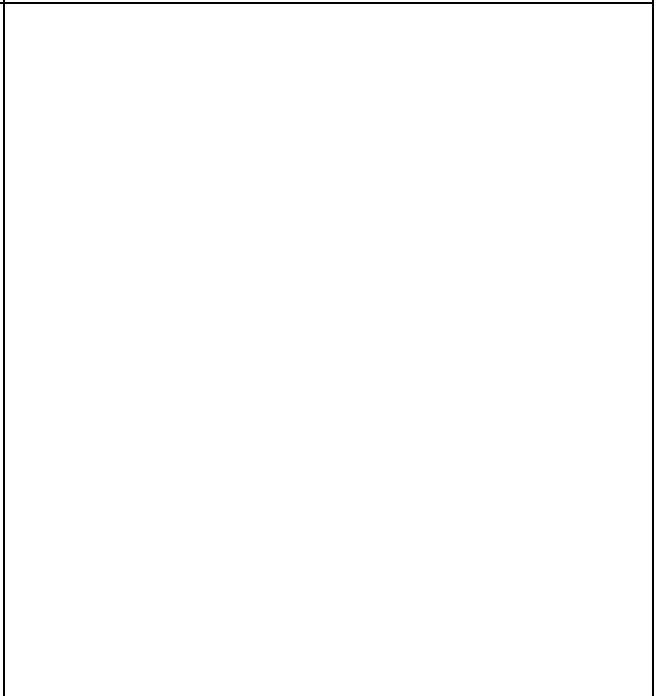
Buellia stellulata



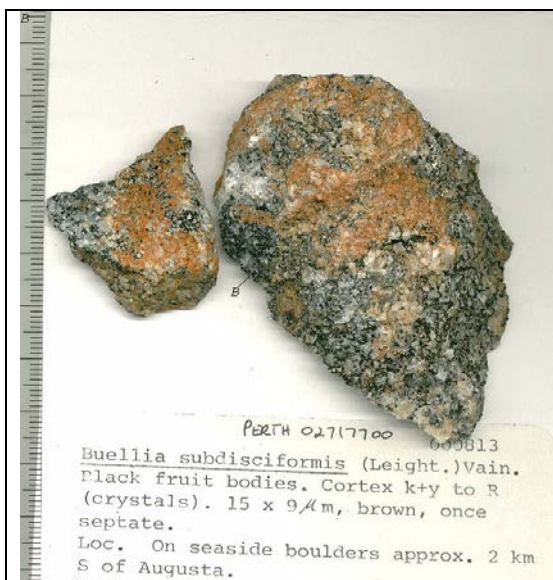
Buellia stellulata



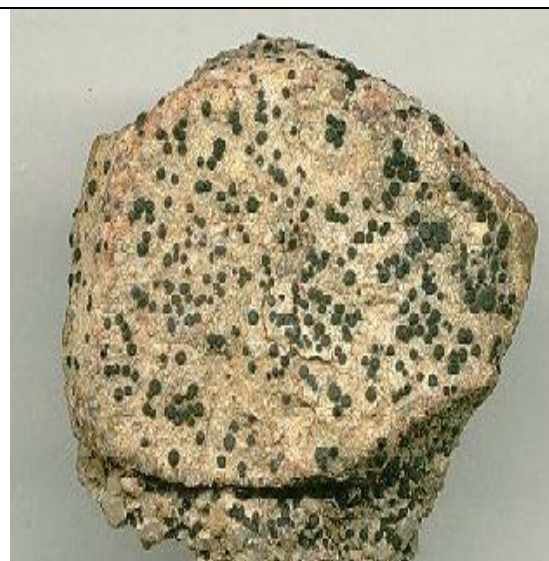
Buellia stigmaea



Buellia subcoronata



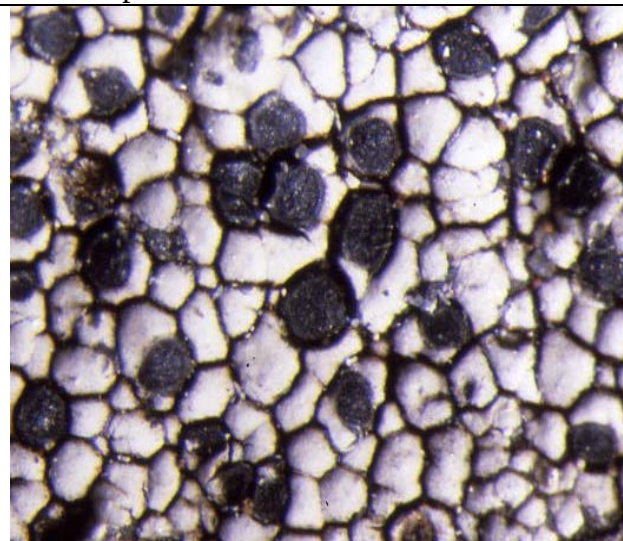
Buellia subdisciformis



Buellia sp.



Buellia sp.



Buellia sp. grey

Bulbothrix

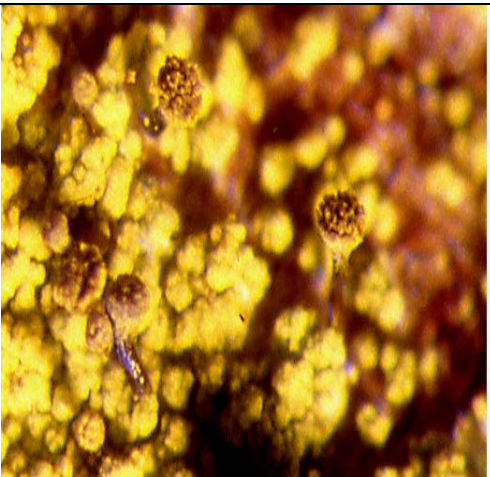
Thallus foliose, attached by rhizines, lower thallus surface pale to black; lobe margin with bulbate cilia. Ascocarp an apothecia, sessile, margin thalloid, with cilia. Spores 8, simple.



Bulbothrix subtabacin? a

Calicium

Thallus crustose epi or endophloic. Ascocarp a minute (less than 2mm tall) stipitate cup or disc. Spores 8, 1 septate, brown-black.

Calicium abietinum	Calicium chlorospora
	
Calicium glaucellum	Calicium glaucellum
Calicium robustellum	Calicium salicinum
	
Calicium subquercinum	Calicium tricolor



Calicium victorianum subsp. *desidiosum*



Calicium victorianum subsp. *victorianum*

Caloplaca

Thallus crustose; ascocarp an apothecium, immersed or sessile; disc round with a proper margin. Spores 8, polarilocular. Chemistry K⁺ crimson (violet).

	
Caloplaca cerina	Caloplaca cinnabarina
	
Caloplaca citrina	Caloplaca cupulifera

	
Caloplaca erythrostricta	Caloplaca ferruginea
	
Caloplaca ferruginea	
Caloplaca flavorubescens	Caloplaca granulosa

	
Caloplaca holocarpa?	Caloplaca irubescens
Caloplaca lactea	Caloplaca laterita
	
Caloplaca leptozona	Caloplaca luteoalba
Caloplaca marina	Caloplaca murorum var. areolata
Caloplaca murorum var. miniata	Caloplaca murorum var. oblitterata

	
Caloplaca saxicola	Caloplaca sp.

Candelaria

Thallus foliose much lacerate, coloured yellow, attached by rhizoids. Ascocarp an apothecium sessile, disc depressed, yellow. Spores 16-32 with 2 large oil droplets or 1 septate.



Candelaria concolor

Candelariella

Thallus crustose, granular or lobed at margins, pale or deep yellow. Ascocarp an apothecium, sessile, 8-many spored simple or 1 septate.

 Perth	
Candelariella antenaria	Candelariella spraguei
 Perth 02814765	
Candelariella vitellina	Candelariella xanthostigma

Candelariella xanthostigmoides	

Canomaculina

Thallus foliose, lobes flat irregular, cilia black, simple, sparse-dense. Upper surface grey, yellow-grey, grey green to pale green. Under surface of thallus pale tan to brown with short rhizines extending to margins. Chemistry, cortex K+ yellow, medulla K+ yellow to dark red, C-.

Canomaculina subcaperata	Canomaculina subsumpta

Canoparmelia

Thallus foliose . Chemistry, cortex K+yellow, medulla K-, C- or + red, KC- or + red.

	
Canoparmelia macrospora	Canoparmelia norsticticata
	
Canoparmelia owariensis	Canoparmelia pruinata
Canoparmelia subarida	

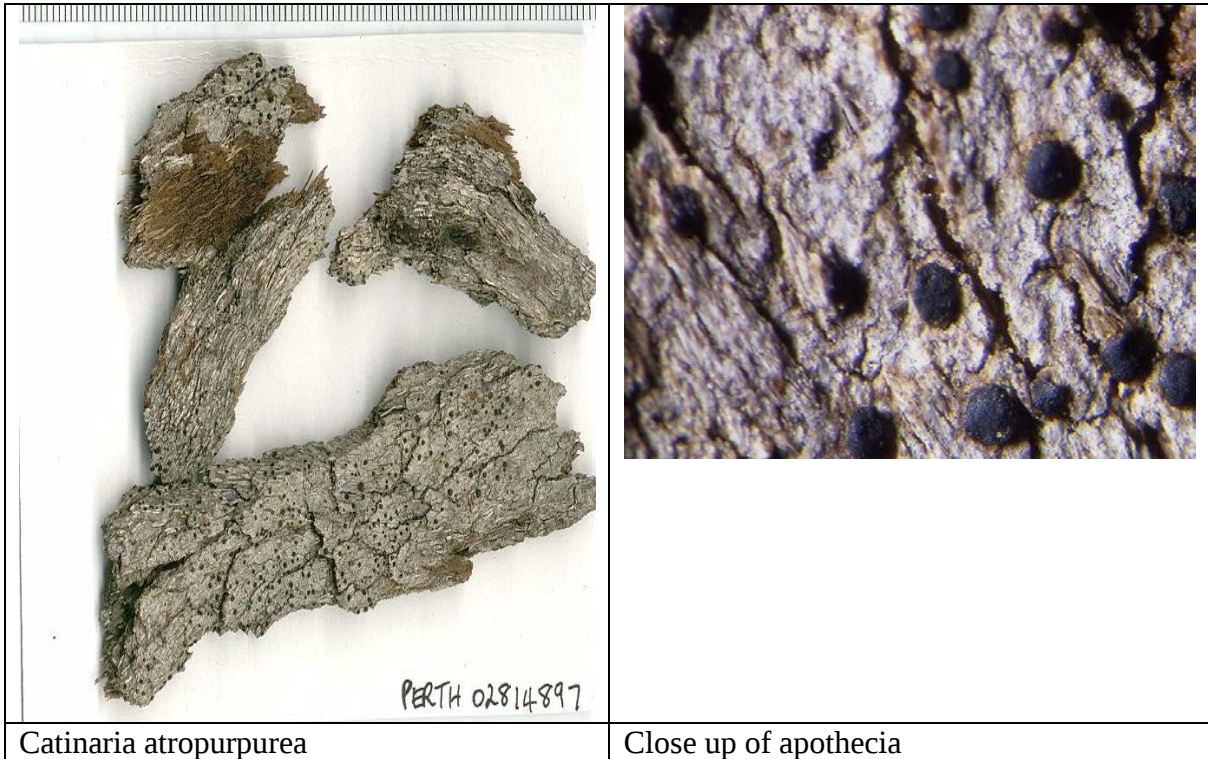
Catillaria

Thallus crustose often granular attached br rhizoids. Ascocarp an apothecium immersed to sessile with disc pale to dark; spores 8, 1 septate. Chemistry K-, C-, KC-.

	
Catillaria chalybeia	Catillaria lenticularis
	
Catillaria sp.	

Catinaria

Thallus crustose, ecorticate. Ascocarp an apothecium like pseudothecium more or less immersed; circular, black. Spores 8, oblong to ellipsoid, 1 septate. Chemistry .



Chaenotheca

Thallus crustose to rarely squamulose, ecorticate. Ascocarp an apothecium on a stipe; spores 8, simple, globose dark coloured.

Chaenotheca brunneola	Chaenotheca carthusiae
Chaenotheca chlorella	Chaenotheca ferruginea

Chaenothecopsis

Thallus crustose, saprophytic or parasitic. Ascocarp stalked to sessile, black-brownish black; capitulum ovoid to lenticular; spores simple or 1 septate, ellipsoid, cell wall smooth or verrucose, pale to dark brown.

Chaenothecopsis debilis	Chaenothecopsis pusilla

Chiodectron

Thallus crustose, ecorticate. Ascocarp a pseudothecium, immersed or sessile in groups in a stroma, hymenium open, ovoid to stellate with well developed black margin. Spores 8, fusiform to acicular, transversely many septate.

Chiodectron congestum	Chiodectron colensoni
Chiodectron leptosporum	Chiodectron queenslandiae
	
Chiodectron sublaevigatum	Chiodectron sp.
	
Chiodectron sp.	

Chondropsis

Thallus foliose, repeatedly branched with no attachment to substrate; rolling into a ball when dry. Ascocarp an apothecium, rare, sessile; spores 8, simple.



Chondropsis semiviridis

Chrysothrix

Thallus a tangled mass of hyphae enclosing soredium –like clusters of algae forming a yellow crust. Ascocarpa an apothecium, rare, immersed or sessile, disc round with a proper margin. Spores 8, transversely septate.

 A photograph showing several pieces of weathered wood covered in a yellowish-green crust of Chrysothrix candelaris. A vertical ruler is placed to the left of the wood for scale. The handwritten text 'Perth 02899795' is visible on the right side of the image.	 A close-up photograph of the yellowish-green soredia of Chrysothrix candelaris, showing their granular texture and occasional small, round, brownish apothecia.
Chrysothrix candelaris	
 A close-up photograph of a piece of wood covered in a thick, yellowish-green crust of Chrysothrix candelaris.	
Chrysothrix candelaris	

Cladia

Thallus absent; pseudopodetia simple to branched; esquamulose, esorediose, not isidiose, net-like. Ascocarp an apothecium often in cymose stacks, terminal on pseudopodetia. Spores 8, simple, hyaline.



Cladia aggregata



Cladia corallaizon



Cladia ferdinandii

Cladia inflata



Cladia schizopora



Cladia sullivanii

Cladonia

Thallus squamulose to foliose, podetia common, laminal or rarely marginal, simple or branched, often cupped, naked or covered in squamules or seridia. Ascocarp an apothecium raised on the podetia, terminal or on margin of cup, sometimes absent. Spores 8, simple, hyaline. Chemistry K+ Y-R or K-, KC+ Y-R or KC- C- or C+ Y.



Cladonia angustata



Cladonia calyciformis



Cladonia capitellata var. capitellata



Cladonia capitellata var. interhianscens



Cladonia capitellata var. *squamatica*



Cladonia cervicornis subsp. *verticellata*



Cladonia cervicornis subsp. *verticellata*



Cladonia chlorophaea

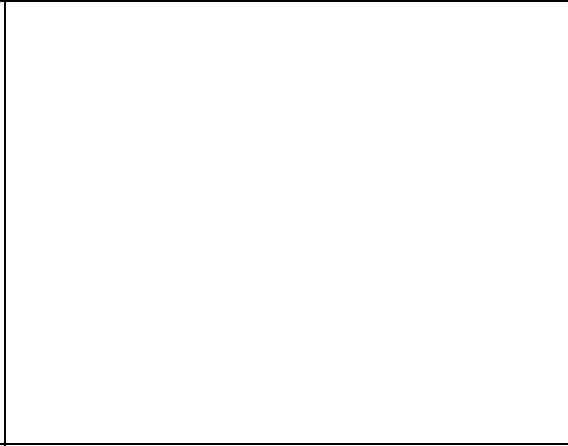


Cladonia confusa

	
<i>Cladonia crispata</i> var. <i>cetrariiformis</i>	<i>Cladonia diffusa</i>?
	
<i>Cladonia enartia</i>	<i>Cladonia fimbriata</i>
	
<i>Cladonia floerkeana</i>	<i>Cladonia furcata</i>



Cladonia humilis var. *humilis*



Cladonia imbricata



Cladonia krempelhuberi



Cladonia macilenta



Cladonia merochlorophaea



Cladonia nudicaulis



Cladonia ochrochlora



Cladonia pleurota



Cladonia ramulosa



Cladonia rigida var. *acuta*



Cladonia rigida var. *rigida*

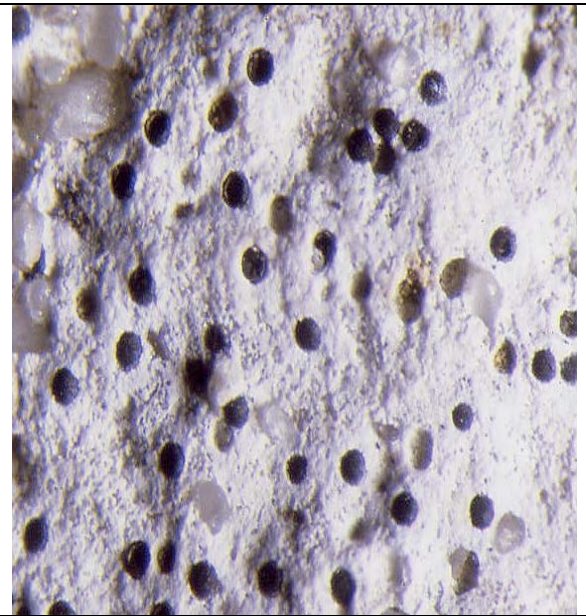


Cladonia scabriuscula

	
Cladonia southlandica	Cladonia sulcata
Cladonia subdigitata = ustulata	Cladonia sulcata var. striata
	
Cladonia sulcata var. wilsonii	Cladonia tessellata
	
Cladonia ustulata	Cladonia sp.

Clauzadeana

Thallus crustose and usually endolithic. Apothecia lecideine dark brown to black, immersed in substrate pits. Spores 8, simple, colourless.



Clauzadeana maculata

Coccocarpia

Thallus squamulose to foliose often lobed, attached by hair like rhizoids. Ascocarp an apothecium, sessile with a proper margin. Spores 8, simple, globose to fusciform, hyaline.



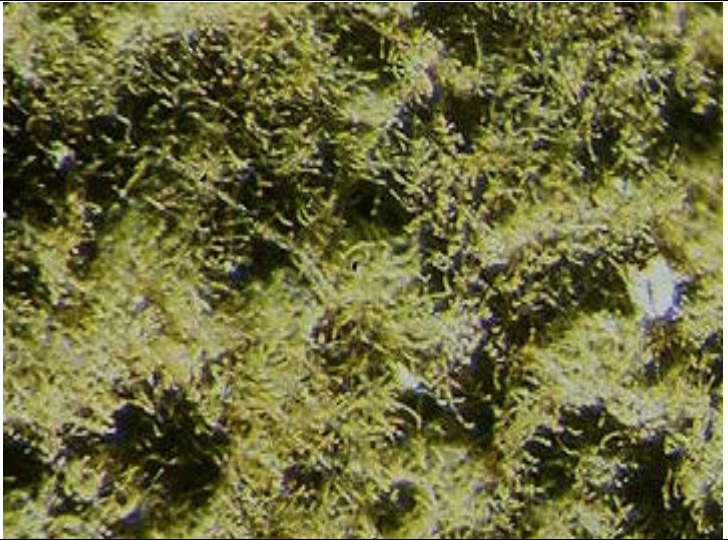
Coccocarpia erthroxylii



Coccocarpia pellita

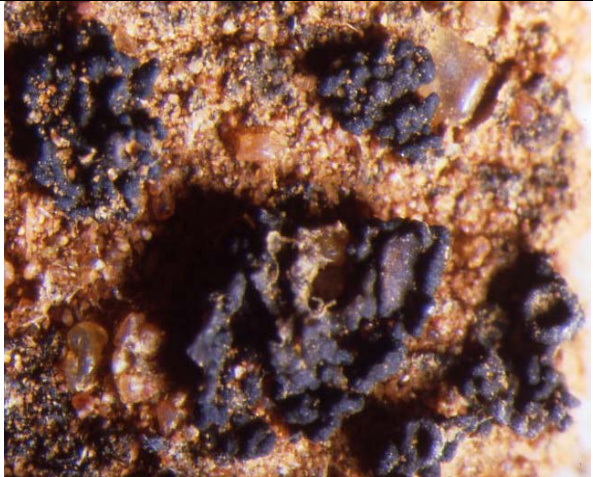
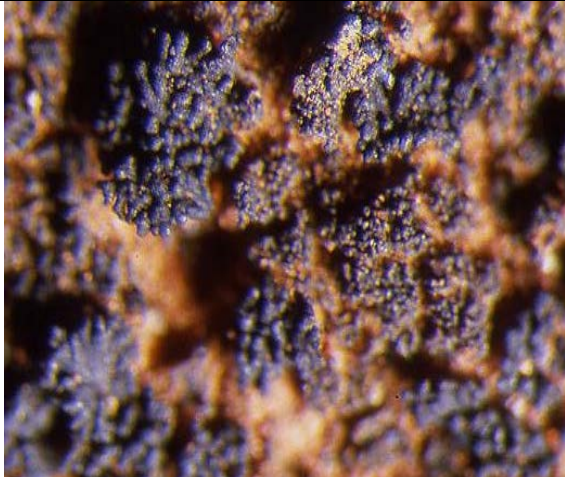
Coenogonium

Thallus a spongy filamentous mass forming a mound. Ascocarp an apothecium, short stalked with a proper margin; spores 8, simple or 1 septate, hyaline.

	
Coenogonium sp.	

Collema

Thallus foliose sometimes crustose, gelatinous, ecorticate. Ascocarp an apothecium, immersed to sessile; disk round; spores 8, transversely 1 to many septate or muriform, hyaline.

	
<i>Collema coccophorum</i>	
	
<i>Collema durietzii</i>	<i>Collema glaucophthalmum</i>
	
<i>Collema implicatum</i>	<i>Collema subconveniens</i>

Cyphelium

Thallus crustose. Ascocarp an apothecia, lecideine, when mature forming a powdery mass of spores. Spores 8, 1 septate and constricted at septum, brown.

Cyphelium trachylioides

Degelia

Thallus foliose, imbricate; lower surface a thick felt-like blue black layer. Ascocarp an apothecia, lecideine, spores 8, simple.

	
Degelia flabellata	Degelia subcrustata

Dimelaena

Thallus

Dimelaena australiensis	Dimelaena elevata
Dimelaena tenuis	Dimelaena sp.

Diploicia

Thallus crustose, strongly placodioid. Ascocarp an apothecia, lecideine with a disk. Spores 8, 1 septate, brown. Chemistry K+ yellow, UV- or UV+ orange.



Diploschistes

Thallus crustose, areolate, warty. Ascocarp an apothecia, urceolate, lecanorine, often immersed. Spores 4-8, muriform, dark. Chemistry K- or K-, C+ red, UV-.

	
Diploschistes actinostomus	Diploschistes actinostomus
	
Diploschistes almbornii	Diploschistes euganeus
	
Diploschistes gypsaceus	Diploschistes hensseniae



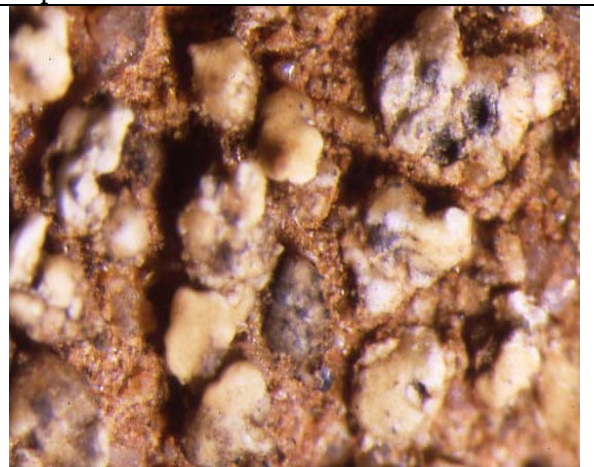
Diploschistes ocellatus



Diploschistes



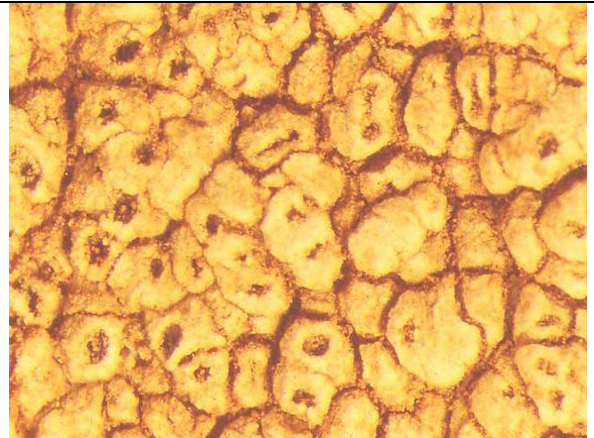
Diploschistes muscorum subsp. *bartletii*



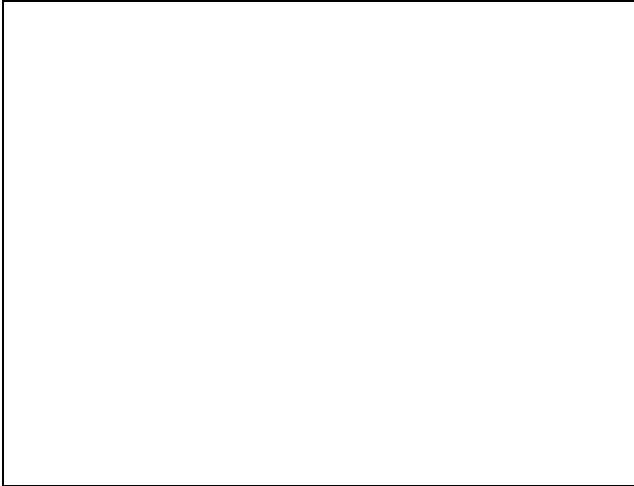
Diploschistes muscorum ssp. *bartletii*



Diploschistes scruposus



Diploschistes



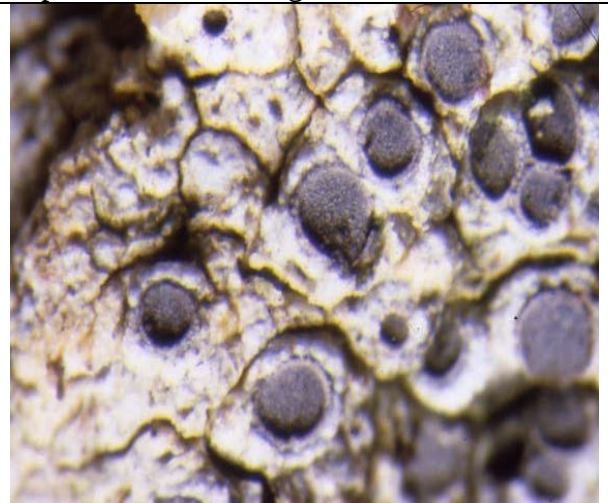
Diploschistes strictus



Diploschistes thunbergianus



Diploschistes thunbergianus



Diploschistes sp.

Diplotomma

Thallus crustose. Ascocarp an apothecia, lecideine but may appear lecanorine in early stages, immersed to sessile black disk. Spores 8, septate to submuriform, brown.



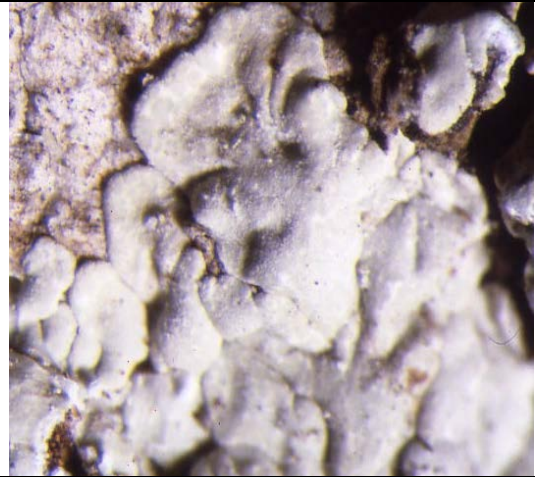
Diplotomma alboatrum

Dirinaria

Thallus foliose, lobed at margin, attached by rhizines, lower surface dark brown. Ascocarp an apothecium, sessile; disk concave to convex. Spores 8, 1 septate, brown.



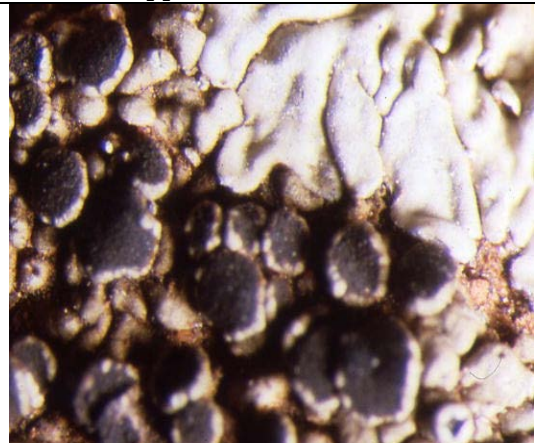
Dirinaria aegialita



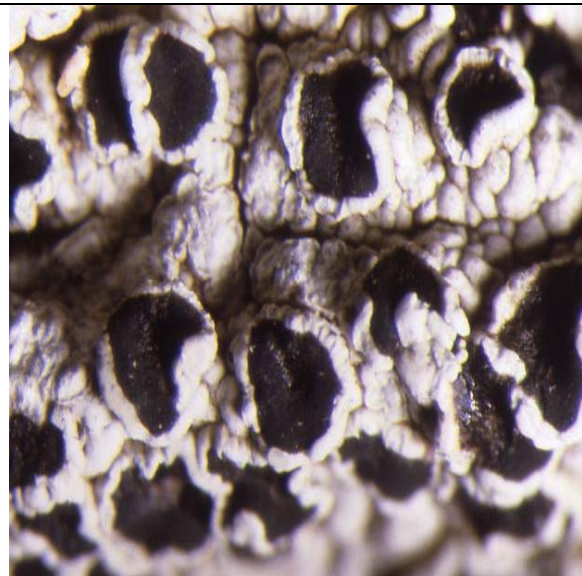
Dirinaria applanata



Dirinaria batavica



Dirinaria confluens



Dirinaria confluens



Dirinaria picta

Dyplolabia

Thallus crustose, endophloic. Ascocarpa anapothecium immersed, elongated often branched, narrow, black. Spores 8, transversely 3-many septate, hyaline.



Dyplolabia afzelii

Endocarpon

Thallus squamulose, attached by rhizoids. Ascocarpa a perithecium, immersed with an erect ostiole; spores 8, muriform, hyaline – brown.



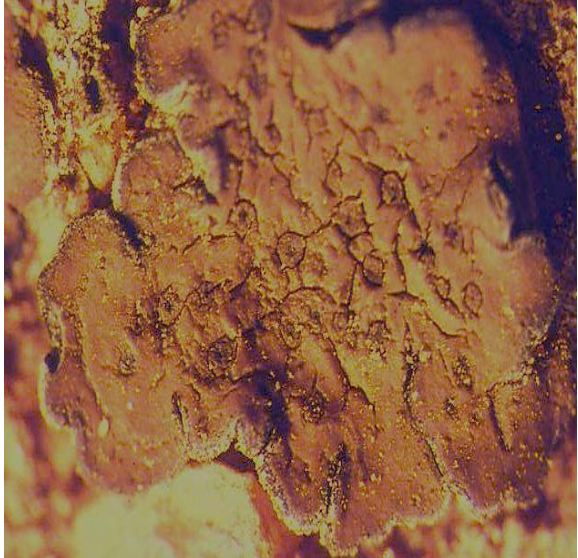
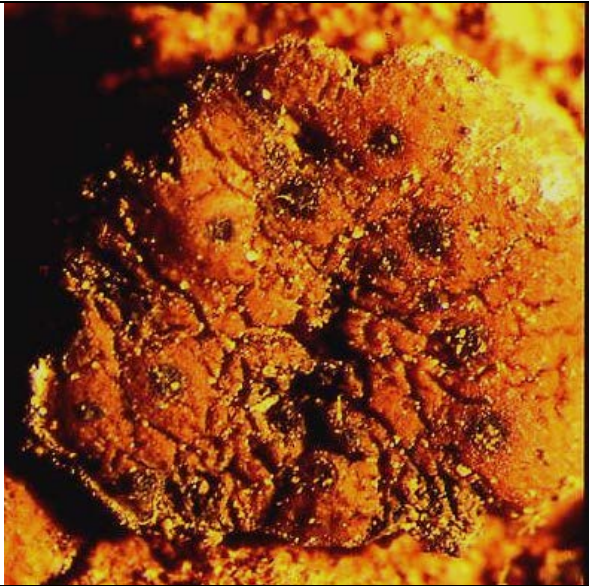
Endocarpon aridum

Endocarpon crassisporum



Endocarpon helmsianum

Endocarpon macrosporum

	
Endocarpon pallidum	Endocarpon pusillum
Endocarpon robustum	Endocarpon simplicatum var. bisporum
	
Endocarpon simplicatum var. simplicatum	Endocarpon simplicatum



Endocarpon simplicatum



Endocarpon sp.

Ephebe

Thallus filamentous. Ascocarp an apothecium, immersed, punctiform; spores 8, simple or 1 septate, hyaline.



Ephebe lanata

Erythrodecton

Thallus crustose, smooth to verruculose sometimes squamulose, greenish with white pruina, with stroma-like structures. Ascocarp a perithecia, numerous not united, aggregated into elevated stroma like structures, 10 or more ascocarps; spores fragile, biclavate sometimes curved, 4-7 septate, hyaline. Chemistry C-, K-, P-, UV+ brown.

Erythrodecton malacum	

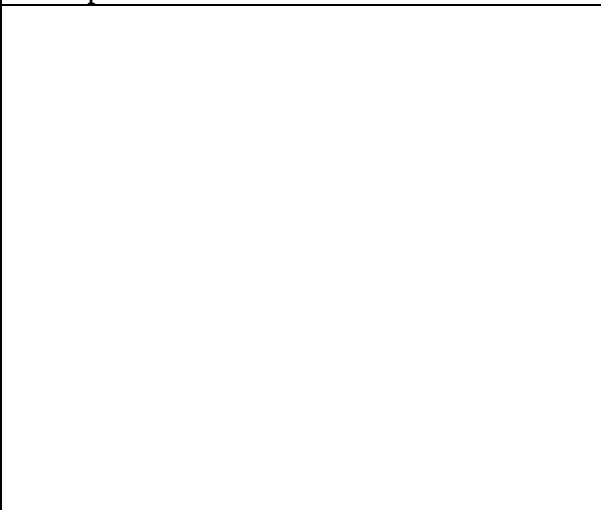
Flavoparmelia

Thallus foliose

	
Flavoparmelia diffractaica	Flavoparmelia ferax
	
Flavoparmelia haysonii	Flavoparmelia proeuplecta



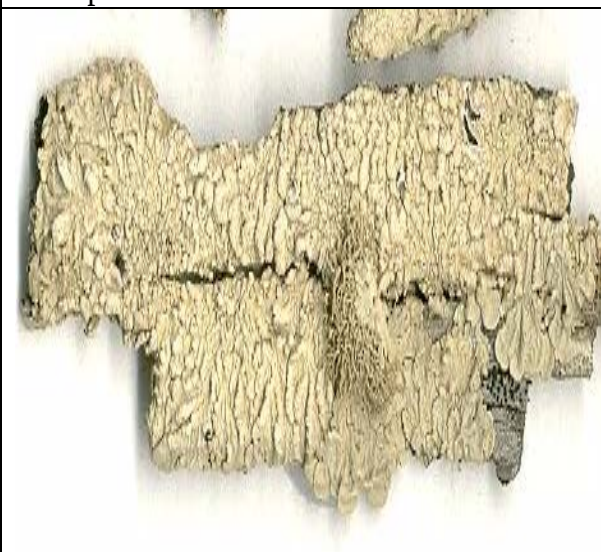
Flavoparmelia rutidota



Flavoparmelia scabrosina



Flavoparmelia secalonica



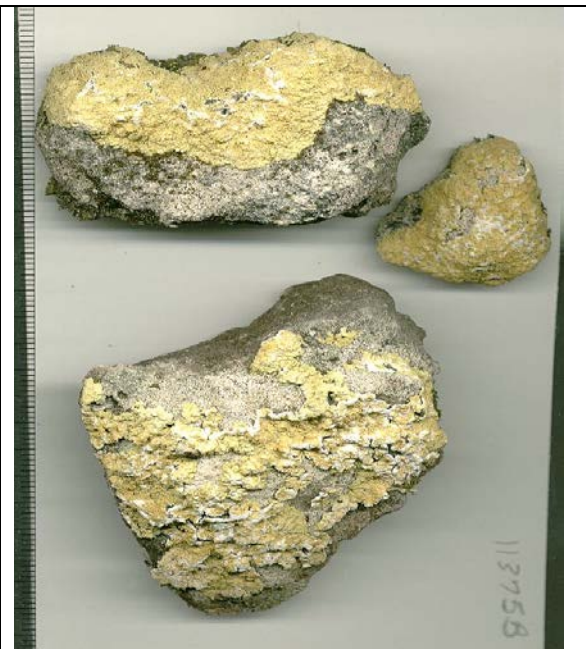
Flavoparmelia soledians



Flavoparmelia springtonensis

Fulgensia

Thallus crustose, granular, lobed at margins. Ascocarp an apothecium, sessile, disk round, orange; spores 8, simple, hyaline.

	 A photograph showing three pieces of a crustose lichen growing on a dark, textured rock surface. The lichen has a granular, lobed appearance with bright orange lobes and a greyish-brown substrate. A vertical ruler is placed to the left of the specimens for scale. The number '113758' is handwritten in the bottom right corner of the photo.
Fulgensia bracteata	Fulgensia subbracteata

Fuscidea

Thallus crustose. Ascocarp an apothecia, lecideine, dark brown; spores 8, simple, hyaline.
Chemistry K+ dirty yellow or K-, P+ red or P-, UV- or UV+ white.

Fuscidea cyathoides

Gloeoheppia

Gloeoheppia turgida

Graphidastra

Thallus crustose, smooth to verruculose, greenish grey, prothallus distinct. Ascocarpa an apothecium, lirelliform, numerous-solitary, dark brown-black; spores fragile, straight sometimes curved, biclavate- spermatoid, 2-4 septate, hyaline. Chemistry C-, K-, P- or red, UV+.

Graphidastra multiformis

Graphina

Thallus crustose, epi- or endophloic; ecorticate. Ascocarp an apothecium, elongated and often branched, adnate to immersed, disk narrow with proper exciple; spores 1-3, oblong-ellipsoid, muriform, hyaline. Chemistry spore wall I+ violet.

Graphina sp.

Graphis

Thallus crustose, epi-endophloic. Ascocarp an apothecium immersed to sessile, elongate and often branched, disk narrow with proper exciple, often black; spores 8, transversely 3-many septate, hyaline. Chemistry spore wall I+ violet.

Graphis afzelii = Dyplolabia	Graphis anfractuosa
Graphis implicata	Graphis inamoena

Neophyllis

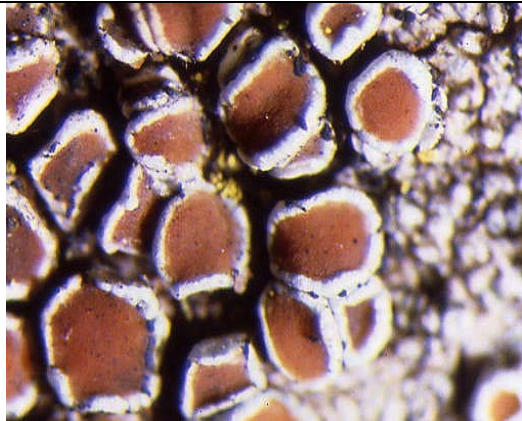
Thallus crustose to squamulose.



Neophyllis sp.

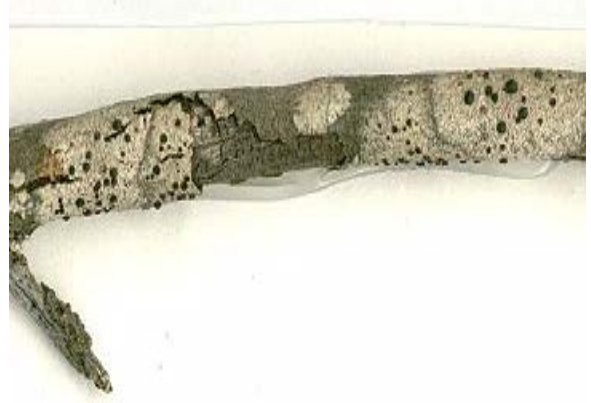
Haematomma

Thallus crustose. Ascocarpa an apothecium, lecanorine, immersed to sessile, thalloid margin; spores 8, transversely 3-many septate, hyaline.

	
Haematomma eremaeum	Haematomma eremaeum
Haematomma similis	
	
Haematomma solediatum	

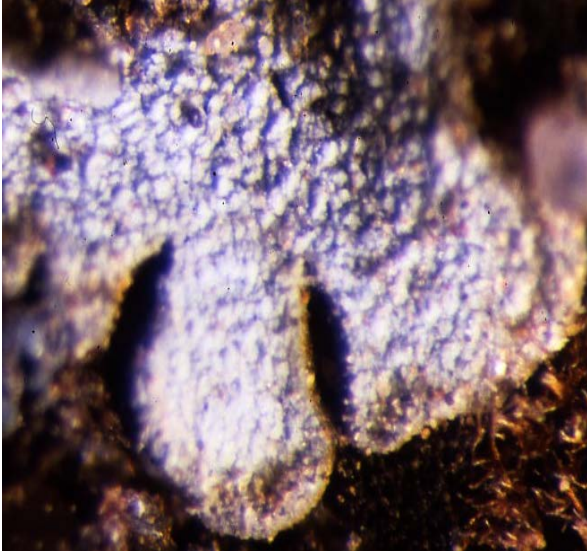
Hafellia

Thallus squamulose,

	
Hafellia disciformis	Hafellia dissa
	
Hafellia reagens	Hafellia tetrapla

Heppia

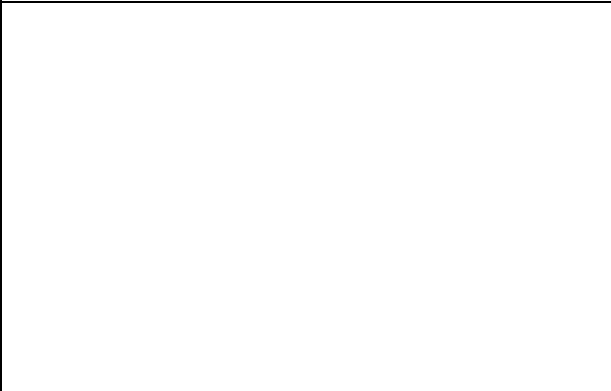
Thallus squamulose. Ascocarp an apothecium, immersed, open disk with proper exciple; spores 8, simple, hyaline.



Heppia despreauxii



Heppia lutosa



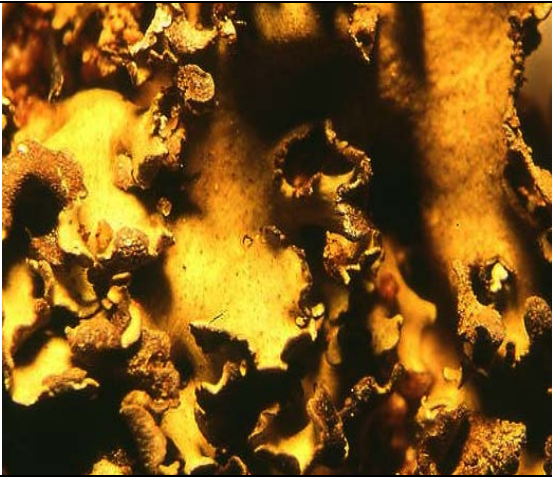
Heppia lutosa

Heterodea

Thallus foliose with a layer of tomentum or rhizines which appear cyphellate or veined. Ascocarp an apothecium, marginal with a proper exciple; spores 8, ovoid, simple and hyaline.



Heterodea beaugleholei



Heterodea muelleri

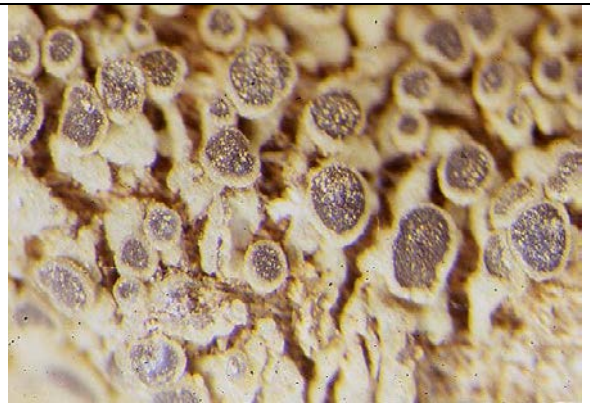
Heterodermia

Thallus foliose, attached by rhizines, lobes broad with marginal cilia. Ascocarp an apothecium, laminal with thalloid exipule; disk dark often pruinose; spores 8, 1 septate, brown.

	
Heterodermia dendritica	Heterodermia japonica
	
Heterodermia obscurata	Heterodermia speciosa

Hyperphyscia

Thallus foliose, rosette-forming. Ascocarp an apothecia, lecanorine, sessile with thick margins, dark brown disk; spores 8, 1 septate.



Hyperphyscia adglutinata

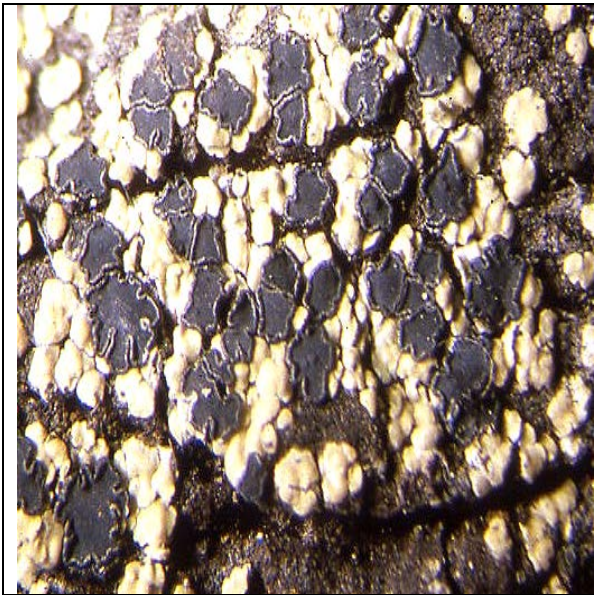
Hyperphyscia adglutinata



Hyperphyscia syncolla

Hypocenomyce

Thallus squamulose sometimes shell-like. Ascocarp an apothecia, lecideine, sessile, dark brown-black; spores 8, simple, rarely 1-3 septate, hyaline. Chemistry C+ red or C-.



Hypocenomyce australis



Hypocenomyce foveata



Hypocenomyce scalaris



Hypocenomyce scalaris

Hypogymnia

Thallus foliose often hollow. Ascocarp an apothecium, stipitate with thalline exciple, disk brown; spore 8, ellipsoid, simple and hyaline.



	austerodioides
	
Hypogymnia subphysodes var. subphysodes	

Hypotrachyna

Thallus foliose, lobes sub-linear, apically truncate, rhizines dichotomously branched, lower surface black. Ascocarp an apothecium, adnate, round with thalloid exciple, disk brown; spores 8, ovoid, simple and hyaline.

Hypotrachyna revoluta

Imshaugia

Thallus foliose, lobes rosette-like, divided, upper surface covered in coralloid isidia, rhizines simple on pale lower surface. Ascocarp an apothecia, lecanorine; spores 8, simple, hyaline. Chemistry K+ yellow, P+ yellowish orange and UV-.



Imshaugia aleurites

Lecanactis

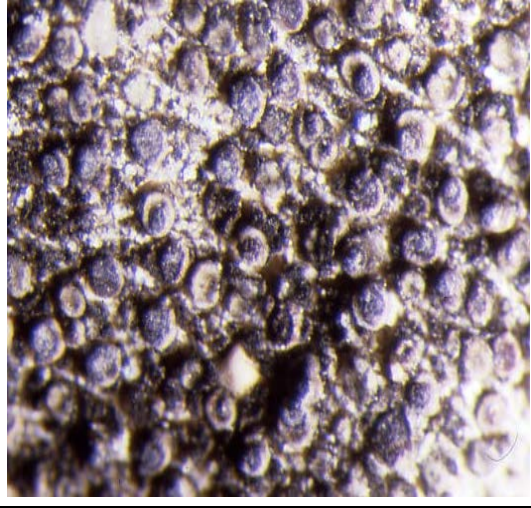
Thallus crustose, ecorticate. Ascocarp a pseudothecium, immersed to sessile; round with a proper margin, black; spores 4-8, oblong-acicular, transversely 3-15 septate, hyaline.



Lecanactis sp.

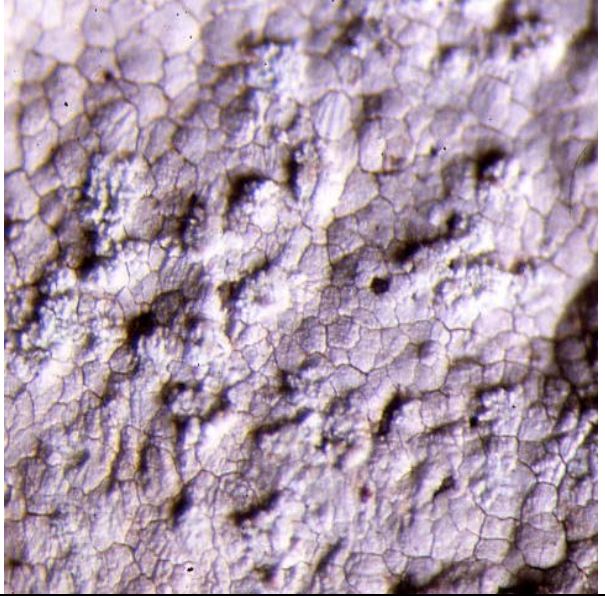
Lecania

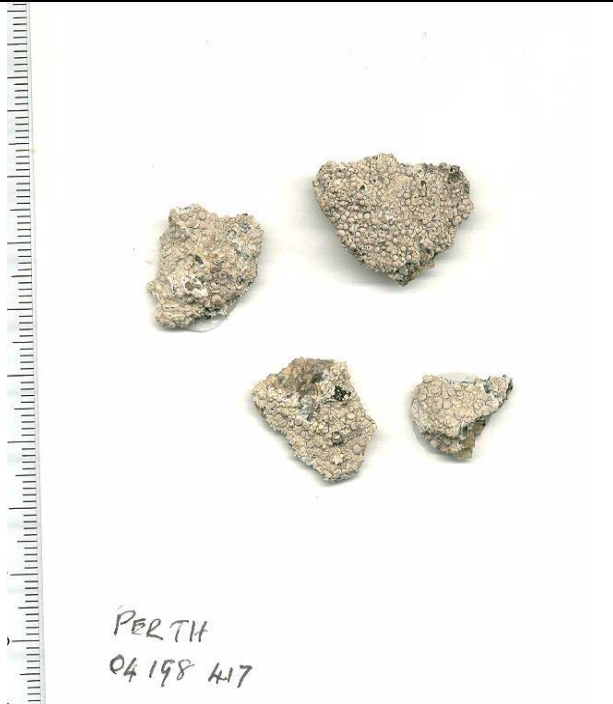
Thallus crustose or granular, lobed at margin or squamulose. Ascocarp an apothecium, lecanorine, sessile, round with thalloid margin with or without a proper exciple; spores 8 or 16-32, oblong-ellipsoid, 1-7 septate slightly bent, hyaline.

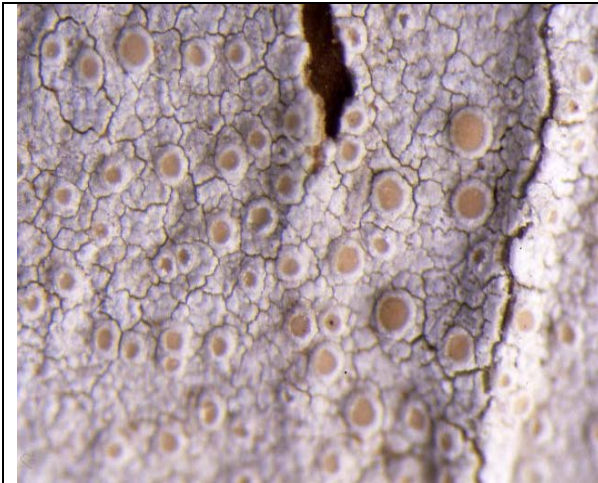
Lecania erysibe	Lecania sylvestris
	
Lecania turicensis	Lecania turicensis

Lecanora

Thallus crustose, margin simple or lobed. Ascocarp an apothecia, lecanorine, round, sessile; spores 8 (16-32), oblong-ellipsoid, simple, hyaline.

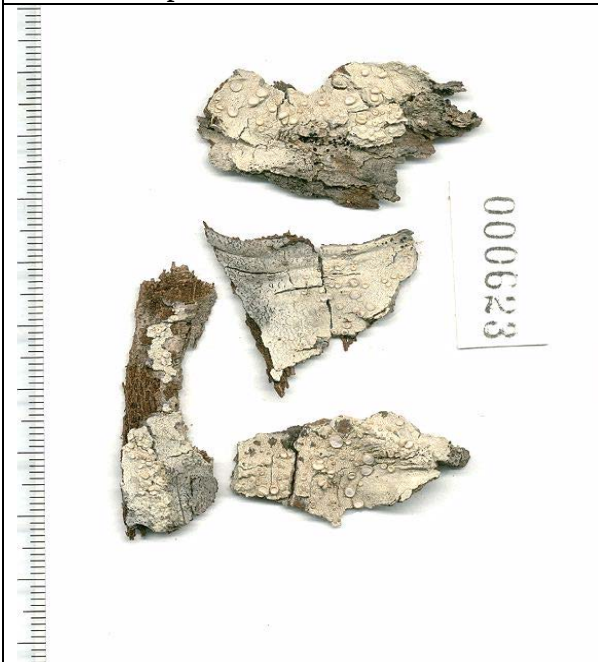
Lecanora arafurensis	Lecanora arnhemica
	
Lecanora austrointumescens	Lecanora austrosoresdiosa
	
Lecanora caesioprubella	Lecanora elapheia expallens

	 PERTH 04198 417
Lecanora expallena	Lecanora farinacea
	 PERTH 04198 441
Lecanora flavidomarginata	Lecanora flavopallida helva
Lecanora helva	Lecanora impressa



Lecanora leprosa

Lecanora lividocinerea



Lecanora mayrhoferi

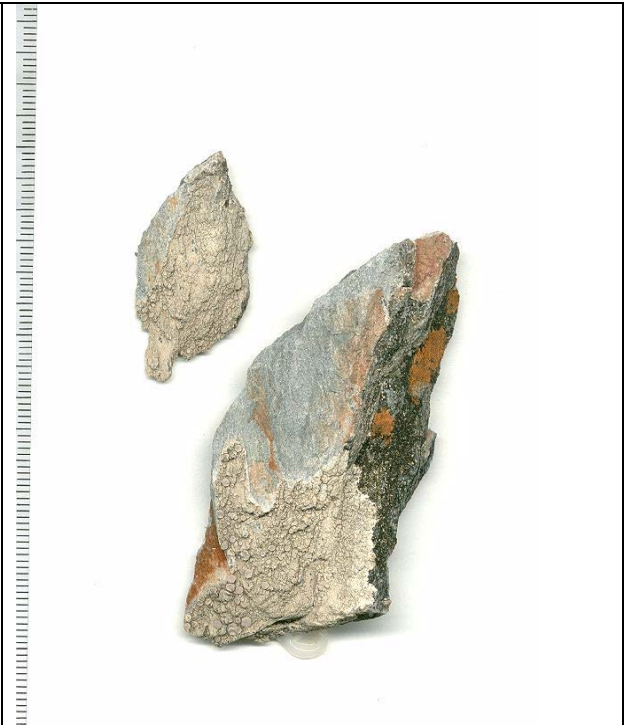
Lecanora mobergiana

Lecanora pallida

Lecanora plumosa



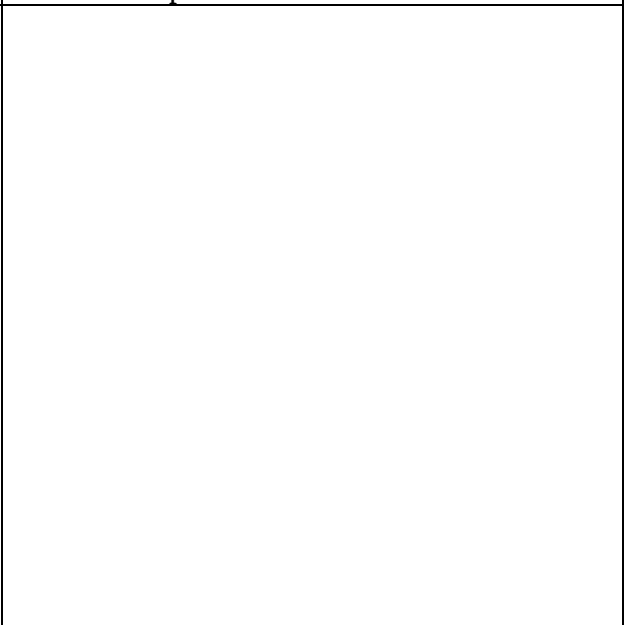
Lecanora pseudistera



Lecanora rupicola



Lecanora sphaerospora



Lecanora subimmersa



Lecanora tropica



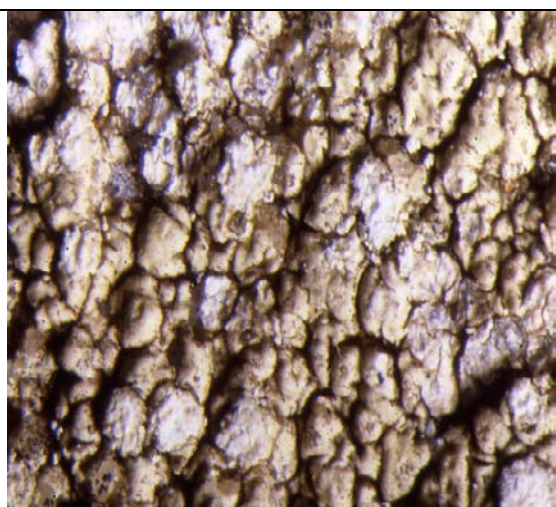
Lecidea

Thallus crustose, warty-aerolate to marginally lobed. Ascocarp an apothecium, lecideine, sessile, disk round with proper exciple, coloured or black; spores 8, ellipsoid, simple, hyaline. Chemistry C+ red or C-, K- or K+ yellow-red.

	
Lecidea capensis	Lecidea contigua
	
Lecidea fuscoatrula	Lecidea globifera
Lecidea hypnorum	Lecidea multiflora



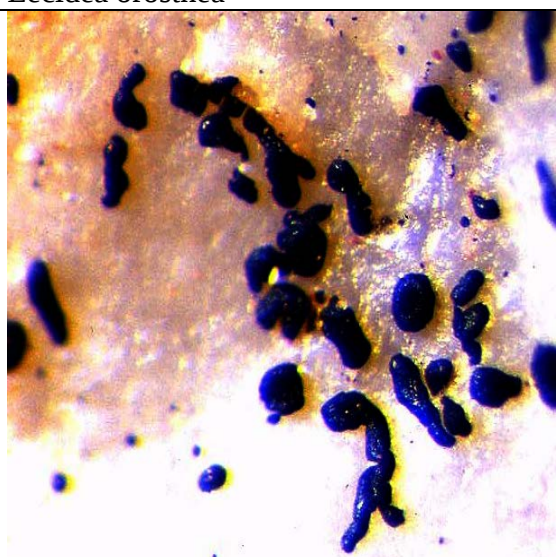
Lecidea ochroleuca



Lecidea orosthea



Lecidea sarcognoides



Lecidea sarcognoides

	
Lecidea terrena	Lecidea tragorum
Lecidea varians	

Lecidella

Thallus crustose. Ascocarp an apothecium, lecideine; spores 8, simple, hyaline.
Chemistry C+ orange or C-, K+ yellow or K-, UV-.



Lecidella stigmathea

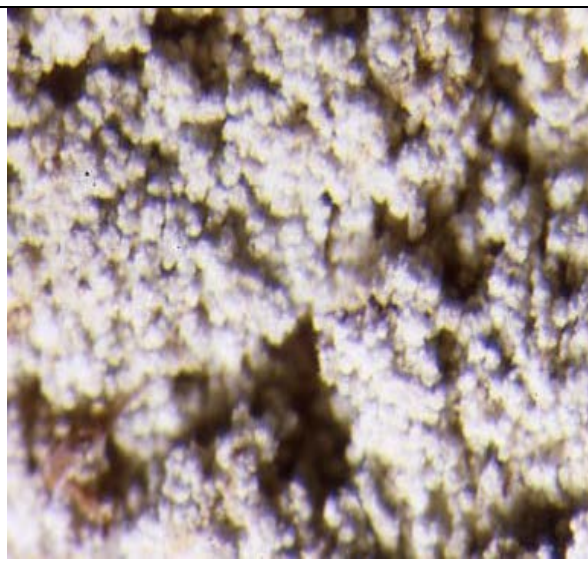
Lecidella sublapidicia

Lepraria

Thallus leprose. Ascocarp unknown.



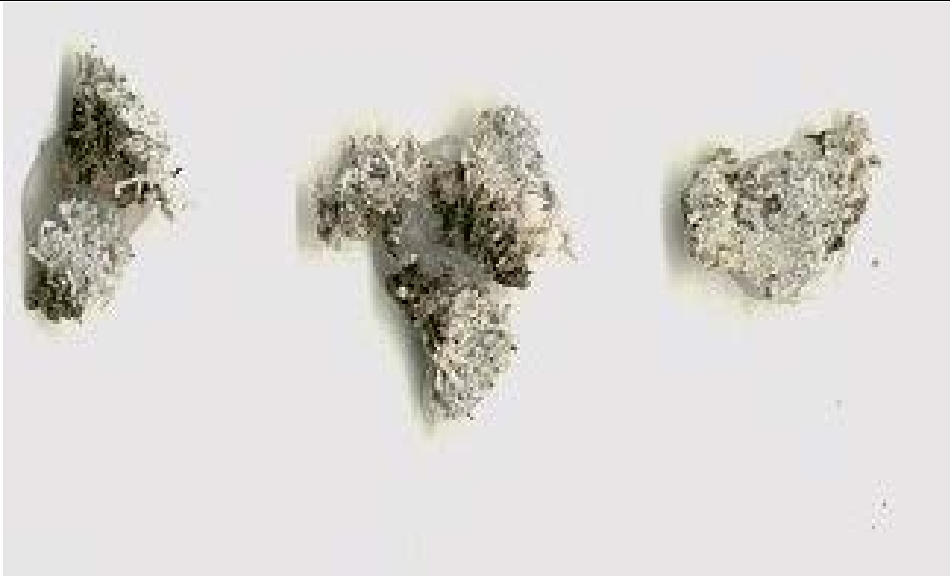
Lepraria chlorina



Lepraria incana

Leprocaulon

Thallus fruticose, dwarf, branched, slender, erect sometimes squamulose, fragile.
Ascocarp unknown.



Leprocaulon microscopicum

Leproloma

Thallus leprose usually with puckered margins. Ascocarp unknown. Chemistry K+/- yellow.



Leproloma membranaceum

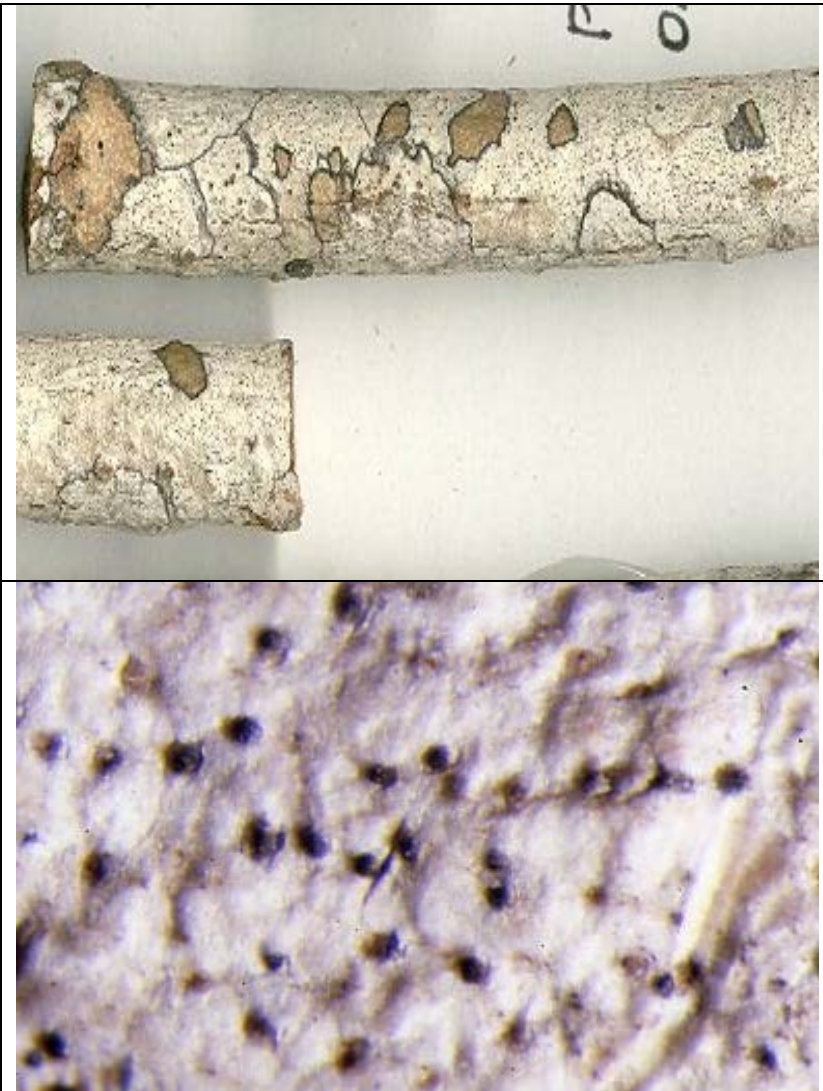
Leptogium

Thallus crustose to foliose, membranous, gelatinous. Ascocarp an apothecium, lecanorine, immersed-adnate, laminal or marginal; disk circular, brown; spores 8, oval to ellipsoid, 3-5 septate or muriform, hyaline. Chemistry negative.

	
Leptogium azureum	Leptogium corniculatum
	
Leptogium menziesii	Leptogium phyllocarpum

Leptorhaphis

Thallus endophloeodal or a white stain. Ascocarp a perithecia; spores 8, 1-3 septate, curved, hyaline.



Leptorhaphis sp.

Letrouitia

Thallus crustose.

Letrouitia domingensis

Lichenostigma

Lichenostigma hyalospora	

This species = Haematomma eremaeum.

Lichenothelium

	
Lichenothelium scopularia	Lichenothelium solitaria
	
Lichenothelium solitaria	

Lichina

Thallus fruticose, dark brown to black. Ascocarp an apothecia, apical; spores 8, simple, hyaline.

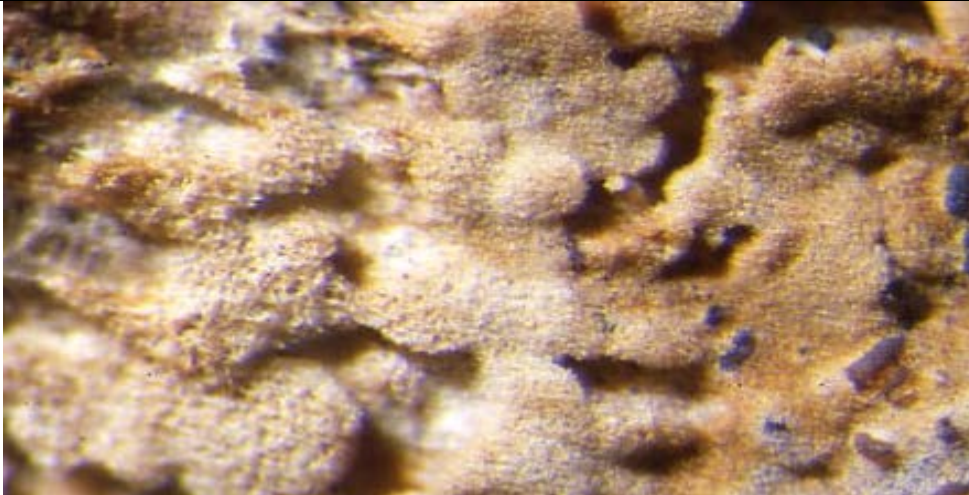


Lichina confinis

Lichina minutissima

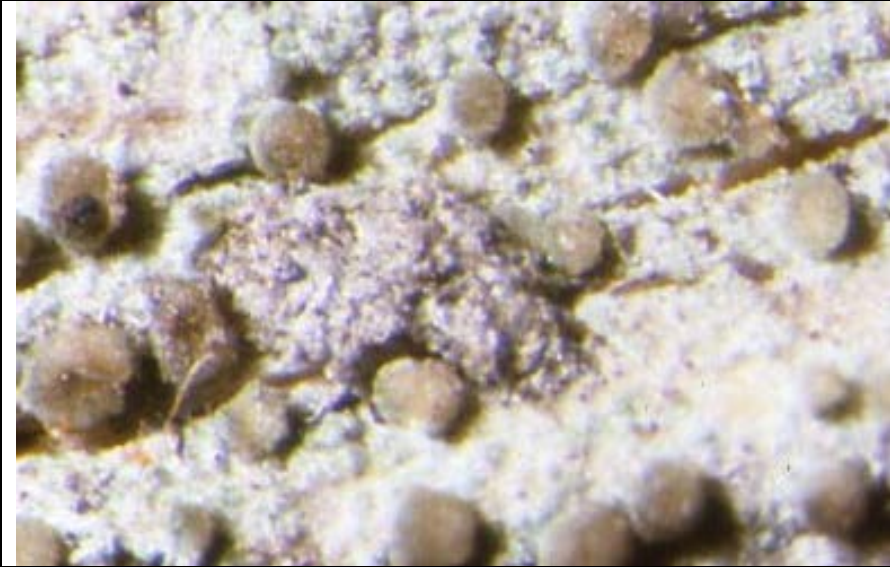
Lobaria

Thallus foliose, lower surface tomentose. Ascocarp an apothecium, lecanorine; spores 8, septate, hyaline or brown. Chemistry, medulla K+ yellow-yellowish orange or K-, KC+ pinkish red-pale pink or KC-, P+ orange.



Lobaria lycopodon

Maronina



Maronina sp.

Megalaria

Thallus crustose. Ascocarp an apothecia, lecideine, sessile; spores 8, 1 septate, hyaline. Chemistry negative.



Megalaria grossa

Megalospora

Thallus crustose, ecorticate often sorediate. Ascocarp an apothecium, sessile, round, flat or convex with a proper exciple; spores 1-8, ellipsoid, 1 septate, hyaline. Chemistry KC+ yellow.



Megalospora occidentalis

Menegazzia

Thallus foliose, upper surface perforate, lower surface black. Ascocarp an apothecium, lecanorine, sessile, round with thalloid margin; spores 2-4, ellipsoid, simple, hyaline. Chemistry, cortex K+ yellow, medulla K+ yellow, P+ orange-yellow.



Menegazzia caesiopruinosa

Menegazzia confusa



Menegazzia fertilis

Menegazzia myriotrema



Menegazzia platytrema



Menegazzia subpertusa

Microcalicium

Thallus crustose, parasitic on other lichens. Ascocarp a stalked mazaedium; spores ellipsoidal to cylindrical, 1-3(7) septate, distinctly ornamented with spirally arranged ridges, black.

Microcalicium conversum

Mycocalicium

Thallus crustose, saprophytic. Ascocarp black-brown stalked with a rounded capitulum; spores simple, fusiform, dark brown, smooth or minutely verrucose ornamentation.

Mycocalicium albonigrum	Mycocalicium conversum ?
Mycocalicium subtile	Mycocalcium victoriae

Mycoporum

Thallus immersed. Ascocarp a pertitheia; spores 8, septate-muriform, tapered at one end, hyaline. Chemistry negative.



Mycoporum quercus

Neofuscelia

Thallus foliose to crustose, attached by rhizines. Ascocarp an apothecium, laminal, sessile, disk concave, thalloid margin; spores 8, ellipsoid, simple, hyaline. Chemistry HNO_3 +.

	
Neofuscelia archeri	Neofuscelia atrobarbatica
	
Neofuscelia brattii	Neofuscelia chudalupensis
Neofuscelia convexa	Neofuscelia convexa

	
Neofuscelia glabrans	Neofuscelia imitatrix
	
Neofuscelia incanata	Neofuscelia kondininensis
	
Neofuscelia loxodella	Neofuscelia luteonotata
Neofuscelia parviloba	Neofuscelia pulla

	
Neofuscelia remnanatia	Neofuscelia scabrosina
	
Neofuscelia subbarbatica	Neofuscelia subcrustulosa
	
Neofuscelia subimitatrix	Neofuscelia subprolixa



Neofuscelia versidiosa

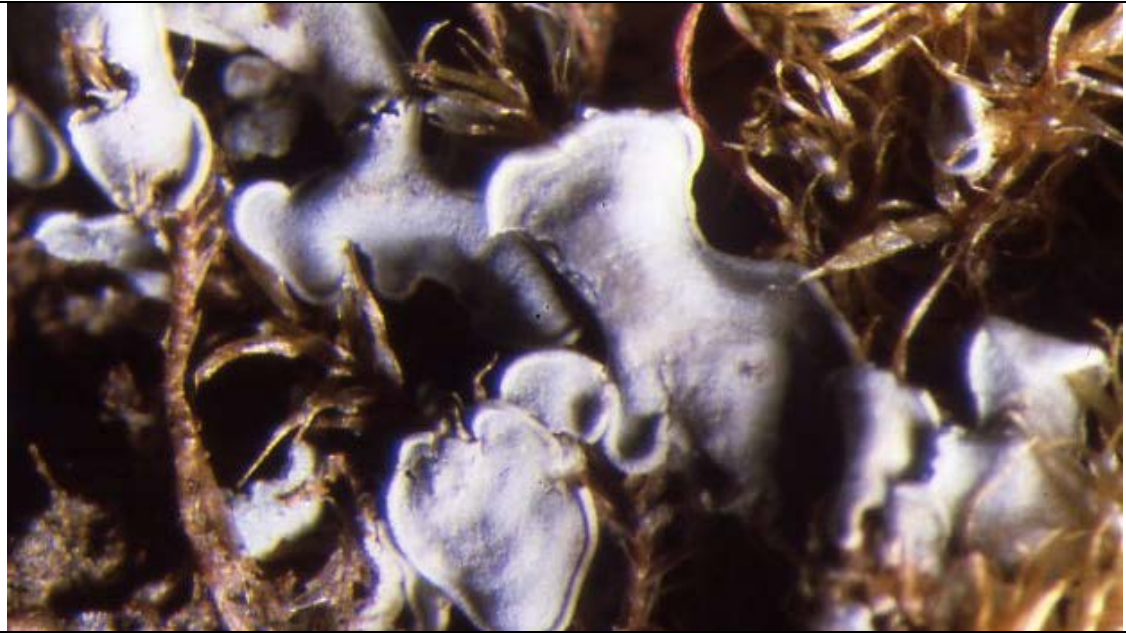
Neuropogon

Thallus fruticose, yellow, black tipped, glossy, erect to pendulous, attached by basal disk.
 Ascocarp an apothecium (annulus), black; spores 8, ellipsoid to spherical, simple, hyaline.

Neuropogon acromelanus	Neuropogon antarcticus
Neuropogon cillatus	Neuropogon subcapillarus
	
Neuropogon sp.	

Normandina

Thallus squamulose to foliose, rounded to lobed, attached by rhizoids. Ascocarp not known.



Normandina pulchella

Ochrolechia

Thallus crustose, areolate, usually ecorticate. Ascocarp an apothecium, lecanorine, immersed emerging to sessile, disk round, margin thalloid; spores 2-8, ellipsoid, simple, hyaline. Chemistry C+ red-scarlet, orange, KC+ red, UV- or UV+ orange, white, bluish.

	
Ochrolechia pallescens	Ochrolechia parella
	
Ochrolechia subathallina	Ochrolechia subpallescens
	

Ochrolechia subrhodotropa	Ochrolechia sp. Kantavilis
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Omphalina

Thallus granular to squamulose. Fruiting body agaricoid (mushroom-like); spores simple, hyaline.

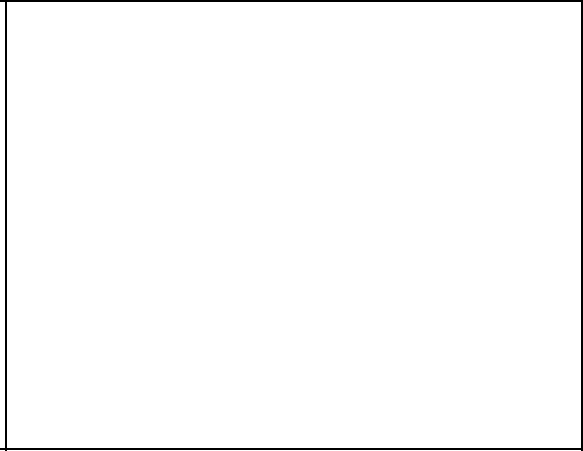
Omphalina chromacea	Omphalina umbellifera

Pannaria

Thallus squamulose to foliose attached by a tomentum of dark blue-black rhizoids.
Ascocarp an apothecium, lecanorine, immersed to sessile, laminal, disk with thalloid exciple; spores 8, ellipsoid to fusiform, simple, hyaline



Pannaria decipiens



Pannaria elatior



Pannaria elixii



Pannaria lurida



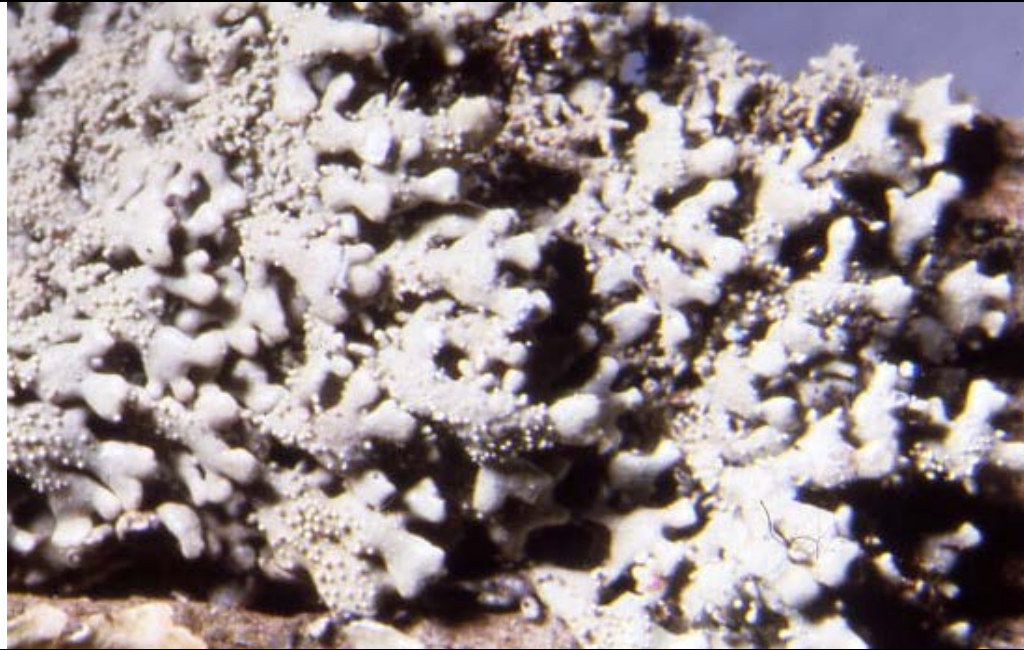
Pannaria obscura



Pannaria sphinctrina

Pannoparmelia

Thallus foliose much divided. Ascocarp an apothecium, laminal, stipitate, margin thalloid; spores 8, ellipsoidal to partly globose, simple, hyaline.



Pannoparmelia wilsonii

Paraparmelia

Thallus foliose

Paraparmelia arida	Paraparmelia atrocynodes
	
Paraparmelia bourgeanica	Paraparmelia conranensis
Paraparmelia inconspicua	Paraparmelia inselbergiae
	
Paraparmelia lumbuschii	Paraparmelia mongaensis

	
Paraparmelia neoquintaria	Paraparmelia saginata
	
Paraparmelia sammyi	Paraparmelia sargentii
Paraparmelia subalpina	

Paraporphidia

Thallus crustose



Paraporphidia glauca

Paraporphidia leptocarpa

Parmelia

Thallus foliose, lobed with simple or squarrose rhizines to the margin. Ascocarp an apothecium, sessile, laminal, disk concave, brown; spores 8, ellipsoid, simple, hyaline.
Chemistry Cortex K+ yellow, medulla K+ yellow-orange, red or K-, C+ red or C-, UV-.



Parmelia cunninghamii



Parmelia erumpens

Parmeliella

Thallus crustose-squamulose or foliose, attached by dark prothallus or rhizoids. Ascocarp an apothecium, immersed to adnate, laminal,; spores 8, ellipsoid, simple, hyaline.



Parmeliella nigrocincta

Parmelina

Thallus foliose, lobed with simple or squarrose rhizines, margin with cilia. Ascocarp an apothecium, laminal, sessile, disk concave; spores 8, ellipsoid, simple, hyaline.

	
Parmelina conlabrosa	Parmelina endoleuca
	
Parmelina labrosa	Parmelina pseudorelicina
	
Parmelina quercina	

Parmelinopsis

Thallus foliose, irregularly lobed attached by rhizines. Ascocarp an apothecium, laminal, sessile to adnate, margin thalloid; spores 8, ellipsoid to oblong, simple, hyaline.



Parmeliopsis minarum

Parmentaria

Thallus crustose.



Parmentaria microspora

Parmotrema

Thallus foliose, broadly lobed, apically rotund, rhizines simple often sparse. Ascocarp an apothecium, laminal, sub-stipitate, disk concave, brown with thalloid margin; spores 8, ellipsoid, simple, hyaline.



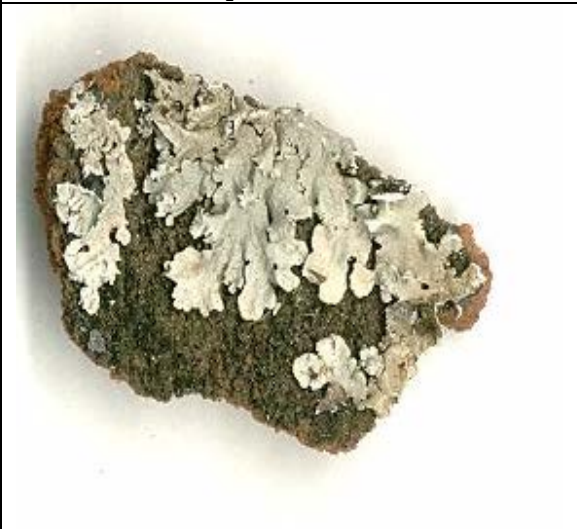
Parmotrema chinense



Parmotrema cooperi



Parmotrema crinitum



Parmotrema praesorediosum



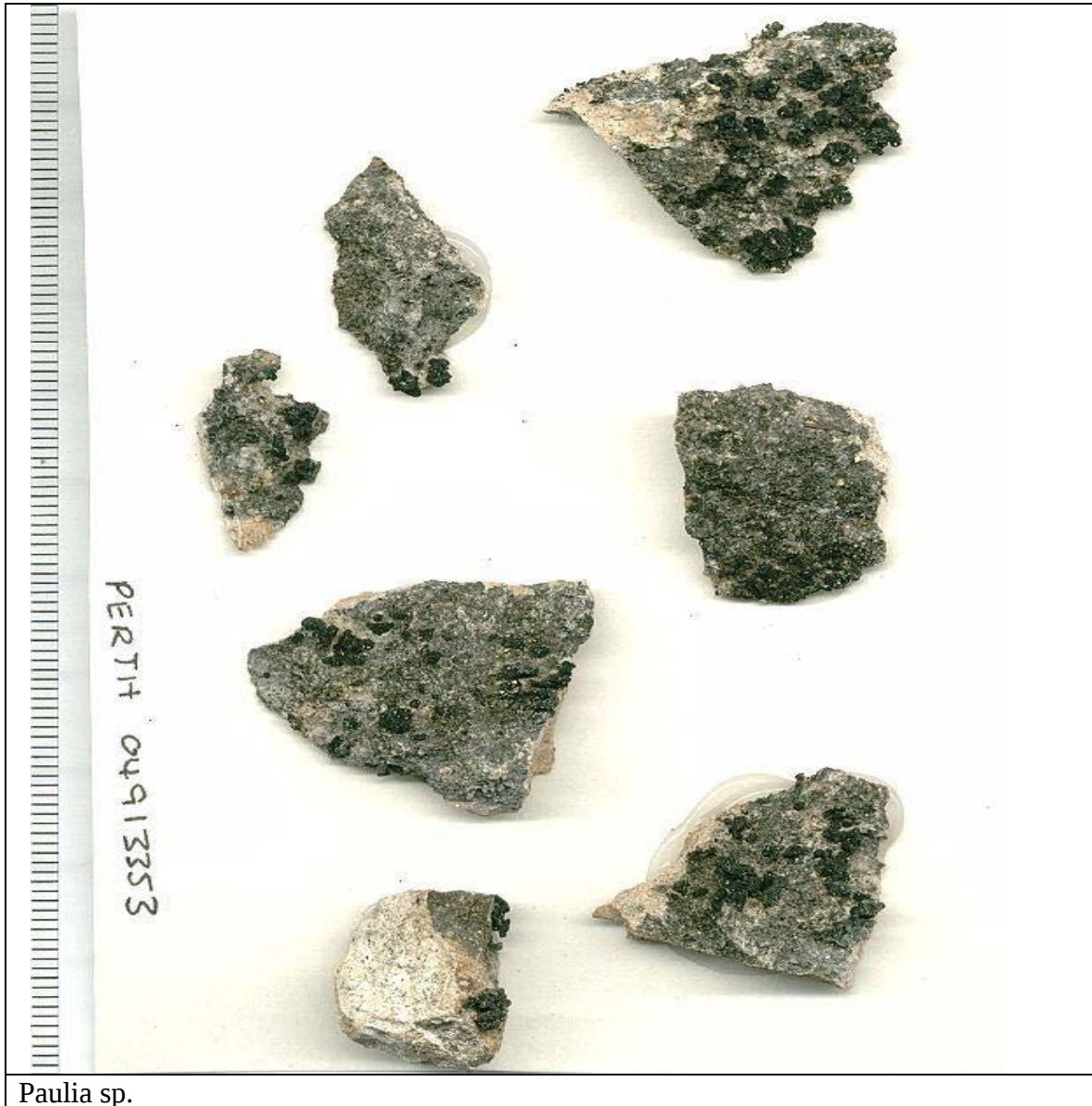
Parmotrema pseudonilgherrense



Parmotrema tinctorum

Paulia

Thallus crustose.



Paulia sp.

Peltigera

Thallus foliose, attached by bushy rhizoids. Ascocarp an apothecium, immersed on upper surface of specialised marginal lobes; spores 8, ablong-ellipsoid to acicular, transversely 3-7 septate, hyaline to brown.

	
Peltigera didactyla	Peltigera dolichorrhiza
	
Peltigera polydactyla	Peltigera spuria var. erumpens

Peltula

Thallus squamulose to peltate or sub-fruticose attached by rhizoids or an umbilicus.
 Ascocarp an apothecium, immersed; spores 8, minute, simple, hyaline.

	
Peltula bolanderi	Peltula congregata
	
Peltula cylindrica	Peltula euploca
Peltula impressa	Peltula obscurans

	
Peltula omphaliza	Peltula patellata
Peltula placodizans	Peltula radicata
Peltula rodriguesii	Peltula subglebosa
Peltula zahlbruckneri	

Pertusaria

Thallus crustose. Ascocarp an apothecium immersed in a wart, often perithecium-like; spores 1-8, ellipsoid or oblong-ellipsoid, simple, hyaline.

	
Pertusaria erubescens	Pertusaria gibberosa
	
Pertusaria leiocarpella	Pertusaria leucostomoides
Pertusaria remota	Pertusaria scaberula

	
Perusaria subventrosa	Pertusaria thiophaninica
	
Pertusaria thiospoda	Pertusaria trachyspora
Pertusaria trimera	Pertusaria xanthoplaca

Phacopsis

Phacopsis oxyspora	

Phaeographis

Thallus crustose, epi-or endophloic. Ascocarp an apothecium immersed to sessile, elongated often branched narrow disk, proper exciple black; spores 8, transversely 3-many septate, brown.



Phaeographis mucronata



Phaeographis sp.

Phaeophyscia

Thallus foliose, lobed, grey to brown, rhizines simple. Ascocarp an apothecium, laminal, sessile with a thalloid exciple, disk black-brown; spores 8, ellipsoid, 1 septate, brown.

Phaeophyscia endococcinodes	Phaeophyscia orbicularis

Phloeopeccania

Phloeopeccania australiensis

Physcia

Thallus foliose with narrow lobes, upper surface sometimes with pseudocyphellae, under surface pale with rhizines. Ascocarp an apothecium, lecanorine, disk dark sometimes pruinose; spores 8, polarilocular, brown. Chemistry, cortex K+ yellow, medulla K+ yellow or K-.

	
Physcia albata	Physcia albicans
	
Physcia jackii	Physcia nubila

	
<i>Physcia poncinsii</i>	<i>Physcia stellaris</i>
	
<i>Physcia subalbicans?</i>	<i>Physcia tribacia</i>

Physconia

Thallus foliose, lobed usually pruinose. Ascocarp an apothecium, lecanorine, disk brown, pruinose, margin lobulate; spores 8, 1 septate, brown.



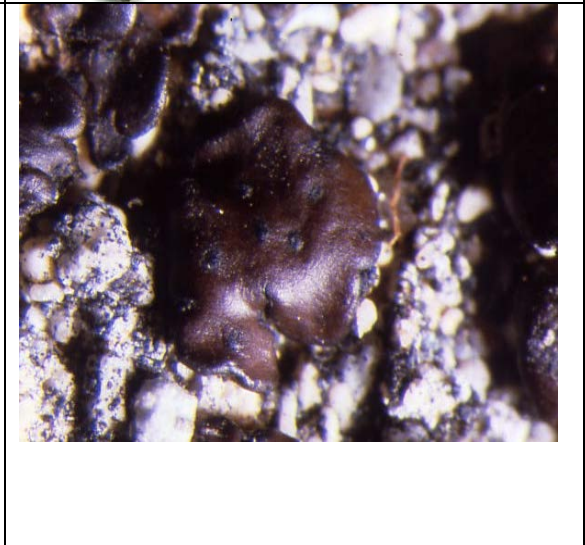
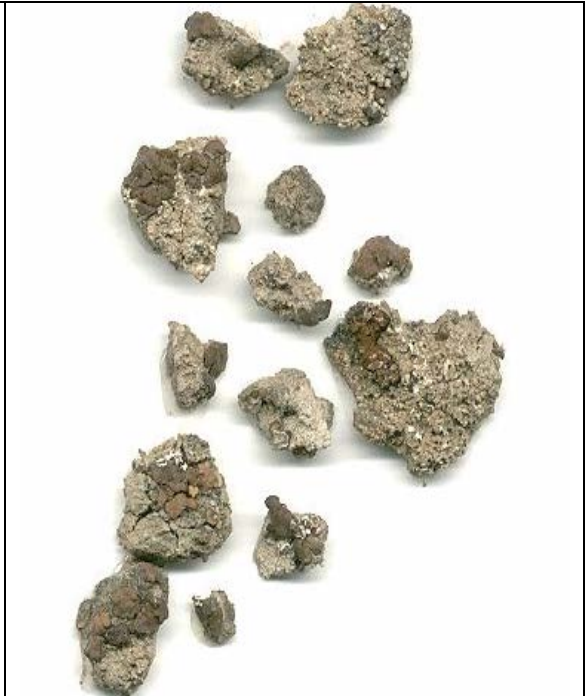
Physconia distorta



Physconia grisea?

Placidium

Thallus.squamulose,



Placidium lacinulatum

Placidium pilosellum

 PERTH 01793330	
Placidium squamulosum	

Placopsis

Thallus placodioid with conspicuous cephalodia scattered on upper surface. Ascocarp an apothecium, lecanorine, disc with a thick thalline margin; spores 8, simple, hyaline to pale pink. Chemistry C+red.



Placopsis perrugosa

Placynthium

Thallus crustose, placodioid or foliose. Ascocarp an apothecium, lecideine, dark brown to black; spores 8, 1-3 septate, hyaline. Chemistry negative.



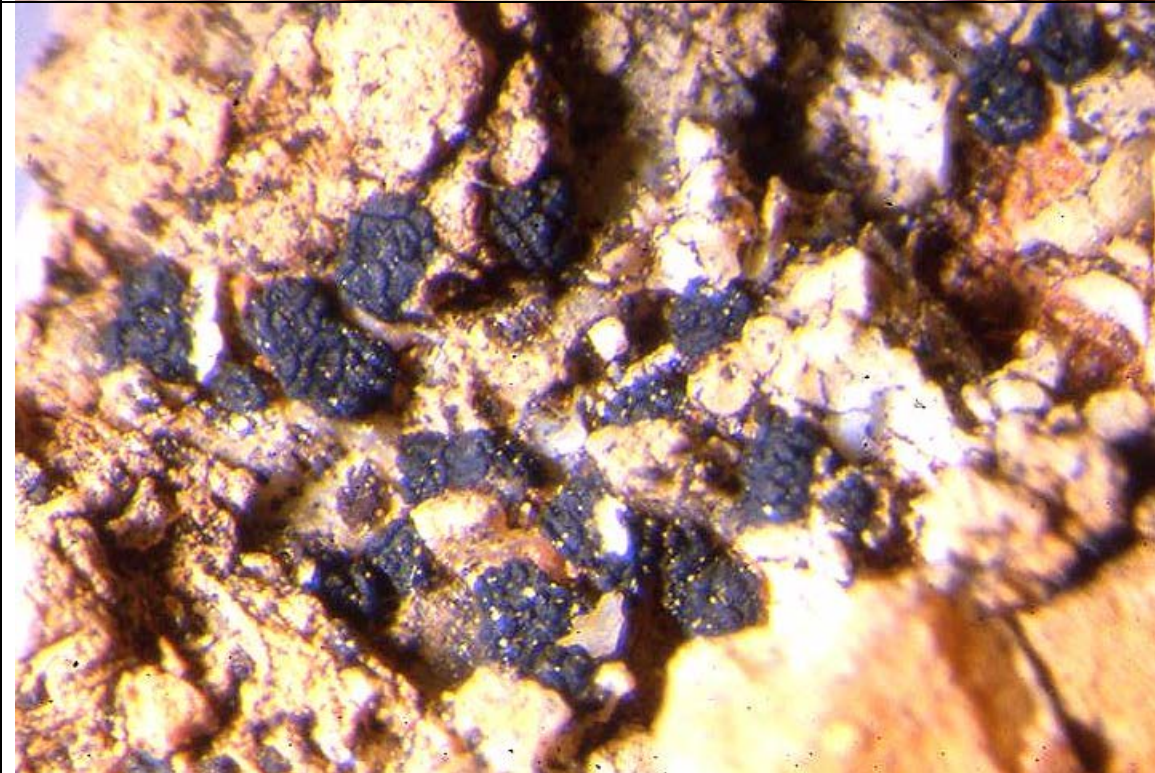
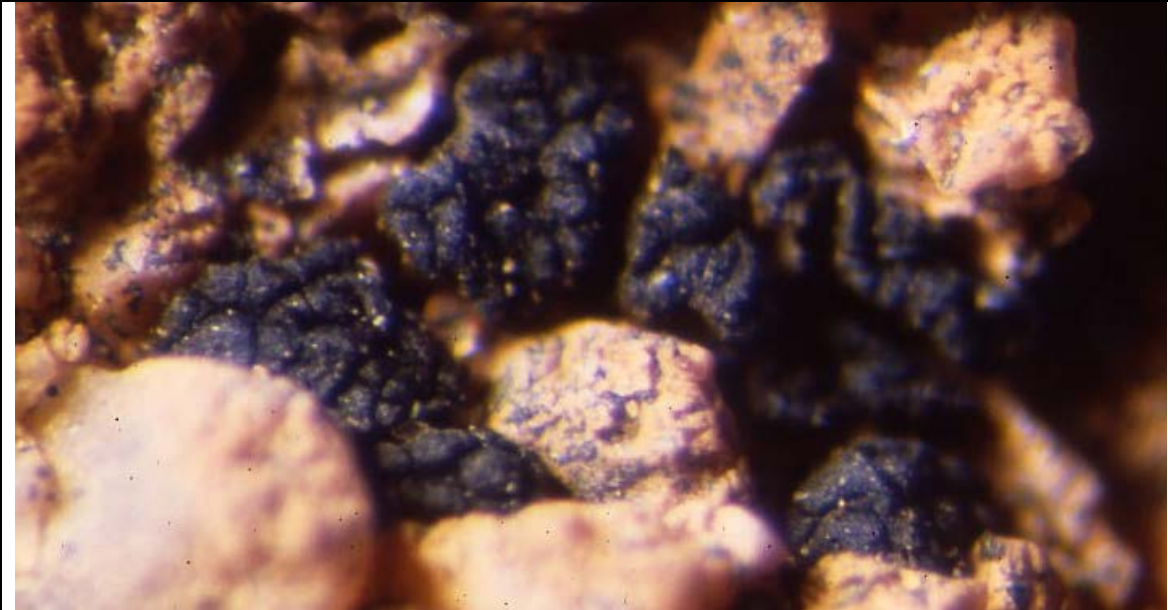
Placynthium nigrum



Pleurotrema

Polysporina

Thallus crustose. Ascocarp an apothecium, lecideine, brown-black, gyrose; spores 100+, very small, narrowly ellipsoid, simple, hyaline. Chemistry negative.



Polysporina simplex

Porina

Thallus crustose or immersed. Ascocarp a perithecium, emergent or immersed; spores 8, 1-3 or more septate, hyaline.

Porina guentheri	Porina hyperleptalea
Porina kantvilasii	Porina sp.

Porocyphus

Porocyphus lichinielloides

Porpidia

Thallus crustose. Ascocarp an apothecium, lecideine, disk black; spores 8, simple, hyaline. Chemistry, medulla K+/- yellow, P +/- orange.

Porpidia macrocarpa

Protoparmelia

Pseudocyphellaria

Thallus foliose, lobed, attached to substrate by rhizoids, lower surface with pseudocyphellae. Ascocarp an apothecium, thalloid exciple; spores 8, fusciform, transversely 1-several septate, hyaline-brown.



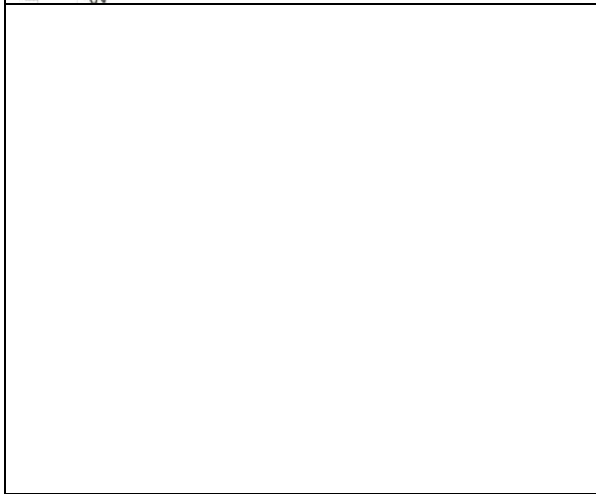
Pseudocyphellaria crocata



Pseudocyphellaria neglecta

Psora

Thallus squamulose. Ascocarp an apothecium, sessile, margin with proper excile; spore 8, ellipsoid, simple, hyaline.



Psora crenata

Psora decipiens



Psora crystallifera

Psoroma

Thallus squamulose to foliose attached by sparse rhizoids. Ascocarp an apothecium, laminal, adnate to sessile with thalloid margin; spores 8, ellipsoid to spherical, simple, hyaline.

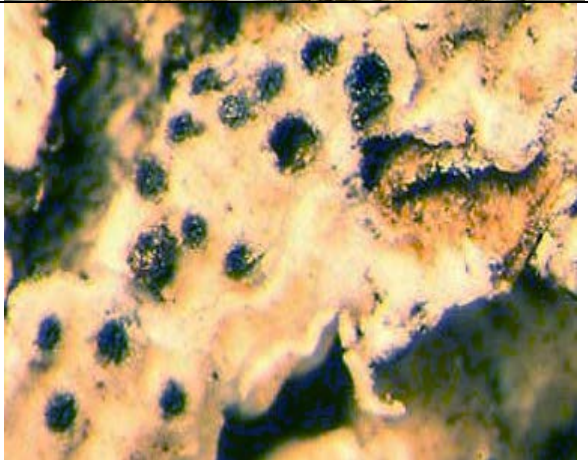
Pterygiopsis

Thallus crustose.

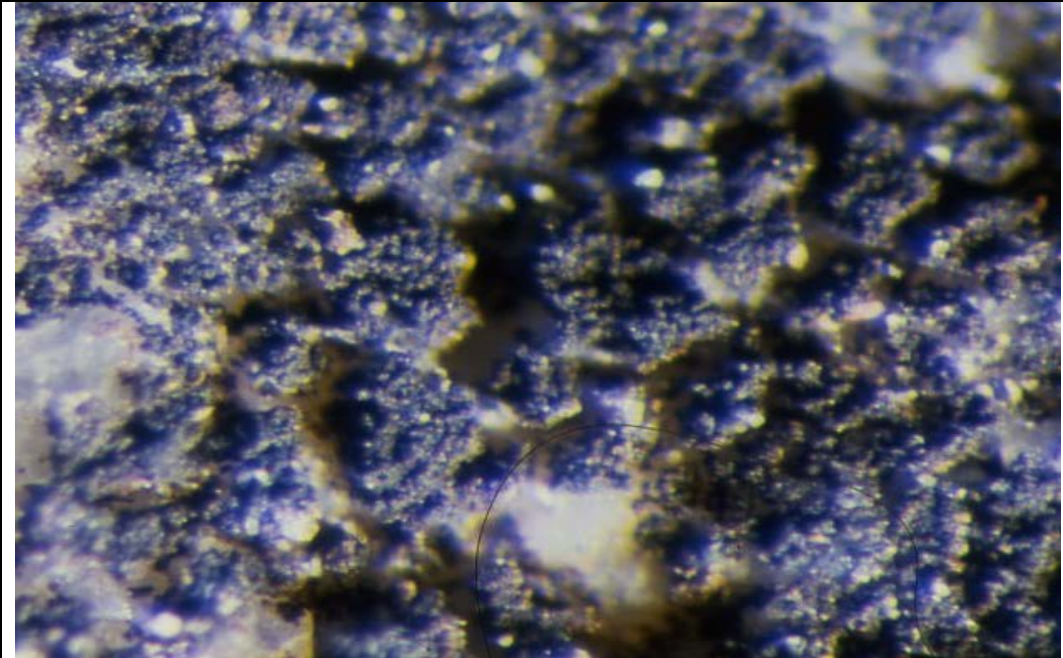
Pterygiopsis australiensis
Pterygiopsis convoluta

Pterygiopsis sp.

Punctelia

	
	
Punctelia borreri	Punctelia subalbicans
	
Punctelia subflava	Punctelia subrudecta

Pyrenopsis



Pyrenopsis sp.

Pyrenula

Thallus crustose, granular to minutely fruticose, gelatinous, ecorticate. Ascocarp an apothecium, immersed to sessile with thalloid exciple; spores 8-32, oblong to spherical, simple, hyaline. Chemistry K+ yellow-purple, P+/- yellow-orange, UV+/- yellow-orange or UV-

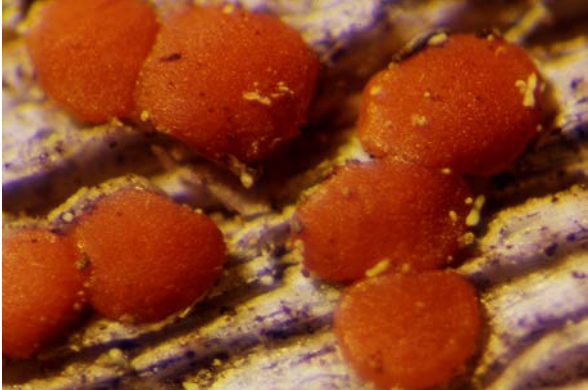
Pyrenula crenulata



Pyrenula nitida

Pyrrhospora

Thallus crustose. Ascocarp an apothecium, lecanorine; spores 8, simple, hyaline.
Chemistry KC+ orange, UV-.

Pyrrhospora bullata	
	
Pyrrhospora laeta	

Pyxine

Thallus foliose attached by rhizines. Ascocarp an apothecium, sessile, laminal; spores 8, oblong to ellipsoid, 1 septate, brown.

	
Pyxine australiensis	Pyxine coccifera
	
Pyxine cocoes	Pyxine convexior
	

Pyxine desudans	Pyxine perticola
	
Pyxine plumea	Pyxine subcinerea

Ramalea

Thallus squamulose to dwarf fruticose, tufted. Ascocarp an apothecium, circular, lateral, stipitate; spores 8, acicular, simple or occasionally 1 septate. Chemistry KC+ yellow.



Ramalea cochleata

Ramalina

Thallus fruticose, erect or pendulous. Ascocarp an apothecium, terminal-sub-terminal, marginal or laminal, sessile, concave, margin with a thalloid exciple; spores 8, ellipsoid to fusiform, often curved, 1-3 septate, hyaline.

	 A photograph of a specimen of Ramalina canariensis, showing a branched, fruticose thallus with a light brown, textured surface, growing on a dark, woody substrate.
Ramalina australiensis	Ramalina canariensis
 A photograph of a specimen of Ramalina celastri subsp. ovalis, showing a large, flattened, lobed thallus with numerous small, light-colored, oval-shaped apothecia (fruiting bodies) scattered across its surface.	
Ramalina celastri subsp. ovalis	Ramalina fissa



Ramalina glaucescens



Ramalina inflata subsp. *australis*



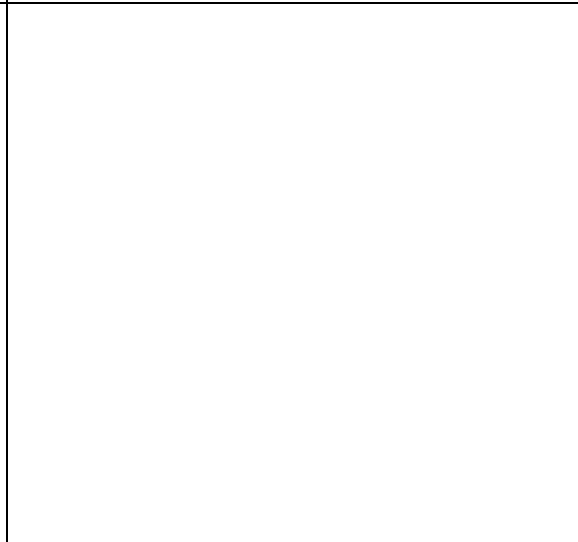
Ramalina nervulosa



Ramalina subfraxinea var. *nostictica*



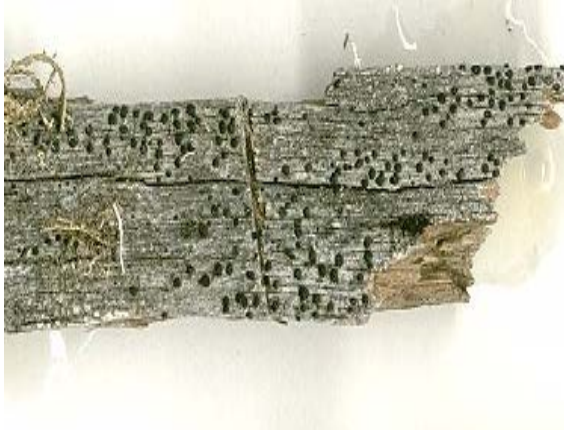
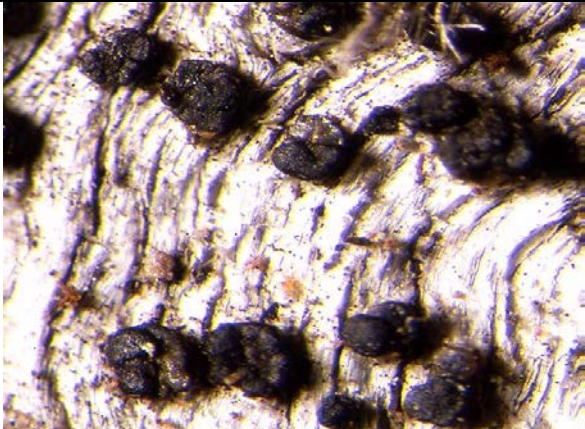
Ramalina subfraxinea var. *subfraxinea*



Ramalina tropica

Ramboldia

Thallus crustose, immersed in substrate. Ascocarp an apothecium, sessile, round; spores 8,

	
Ramboldia crassithallina	Ramboldia petraeoides
	
	
Ramboldia sorediata	Ramboldia stuartii

Relicinopsis

Relicinopsis rahengensis

Rhizocarpon

Thallus crustose. Ascocarp an apothecium, immersed to sessile, disk round black; spores 1-8, irregular, muriform, brown, mucilagenous.

Rhizocarpon geographicum	Rhizocarpon obscuratum
	
	
Rhizocarpon polycarpum	Rhizocarpon tinei

Rimelia

Thallus foliose.

Rimelia cetrata	Rimelia pustulata
	
Rimelia reticulata	

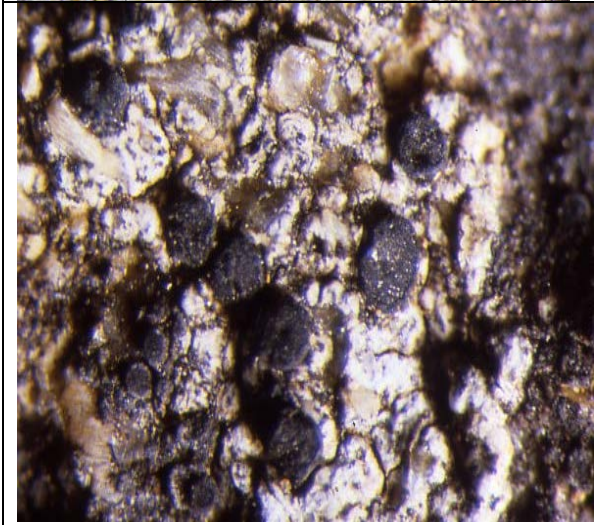
Rimularia

Rimularia australis

Rinodina

Thallus crustose to occasionally squamulose. Ascocarp an apothecium, immersed to sessile, margin thalloid; spores 8-24, transversely 1-3 septate, grey-brown.

Rinodina asperata	Rinodina australiensis
	
	
Rinodina bischofii	Rinodina conradii



Rinodina gennarii	Rinodina thiomela
Rinodina xanthomelana	

Rinodinella

Rinodinella halophila

Roccella

Thallus fruticose, strap-like attached by holdfast. Ascocarp an apothecia; spores 8, elongated-ellipsoid, multiseptate, hyaline. Chemistry medulla C- or C+red, UV+ blue-white.



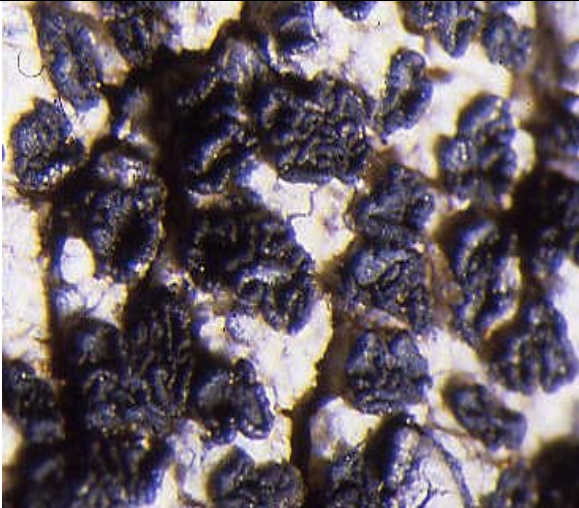
Roccella ballangeriana



Roccella montagnei

Sarcogyne

Thallus crustose, evanescent or endolithic. Ascocarp an apothecia, lecideine, proper excile margin; spores 100+, small, simple, hyaline.



Sarcogyne clavus



Sarcogyne privigna



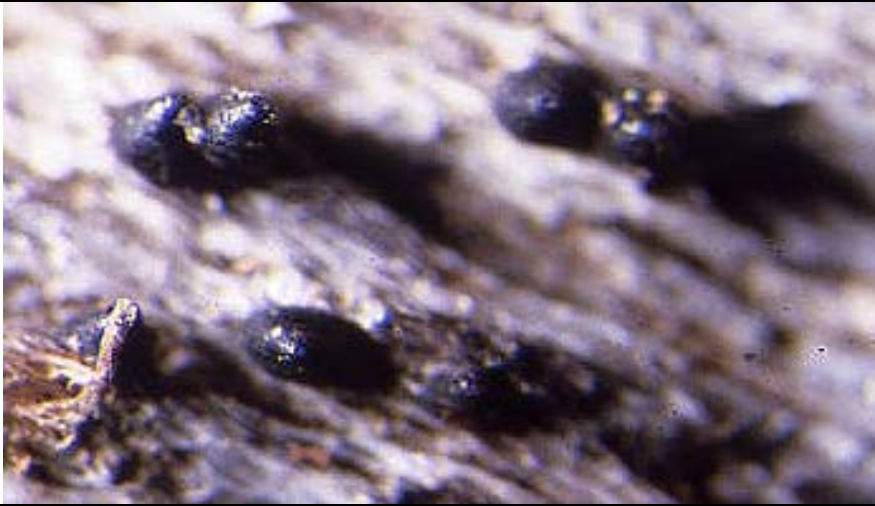


Sarcogyne regularis

Sarcogyne simplex

Sarcopyrenia

Thallus crustose, immersed. Ascocarp a perithecia, simple; spores 8, simple, hyaline.
Chemistry negative.



Sarcopyrenia sp.

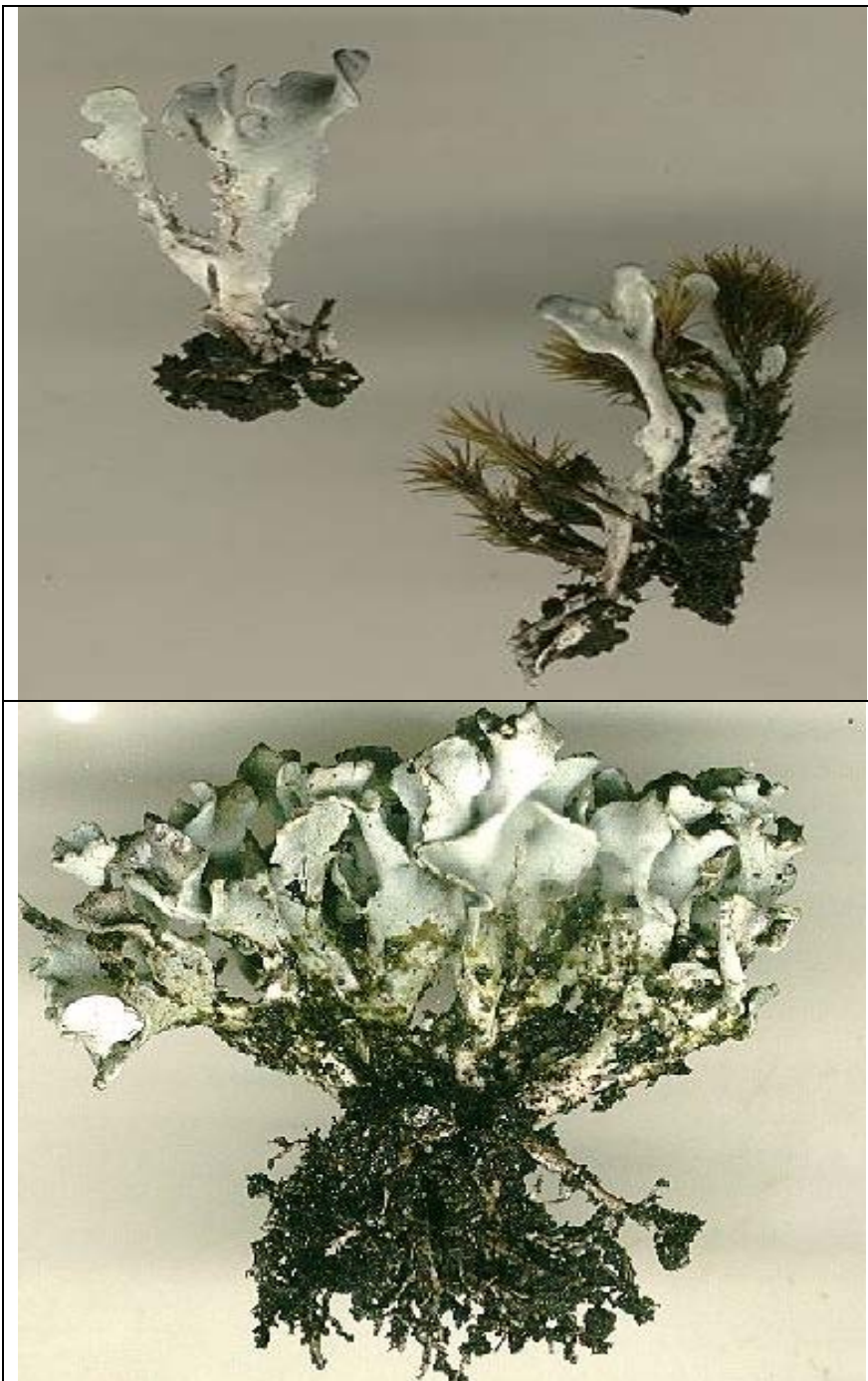
Schaereria

Thallus crustose and areolate or squamulose. Ascocarp an apothecia, lecideine, black; spores 8, simple, hyaline. Chemistry C+ pinkish red.

Schaereria fuscocinerea

Siphula

Thallus fruticose, erect attached by rhizines. Ascocarp not known.



Siphula coriacea

Solenopsora

Solenopsora vulturiensis	

Sphinctrina

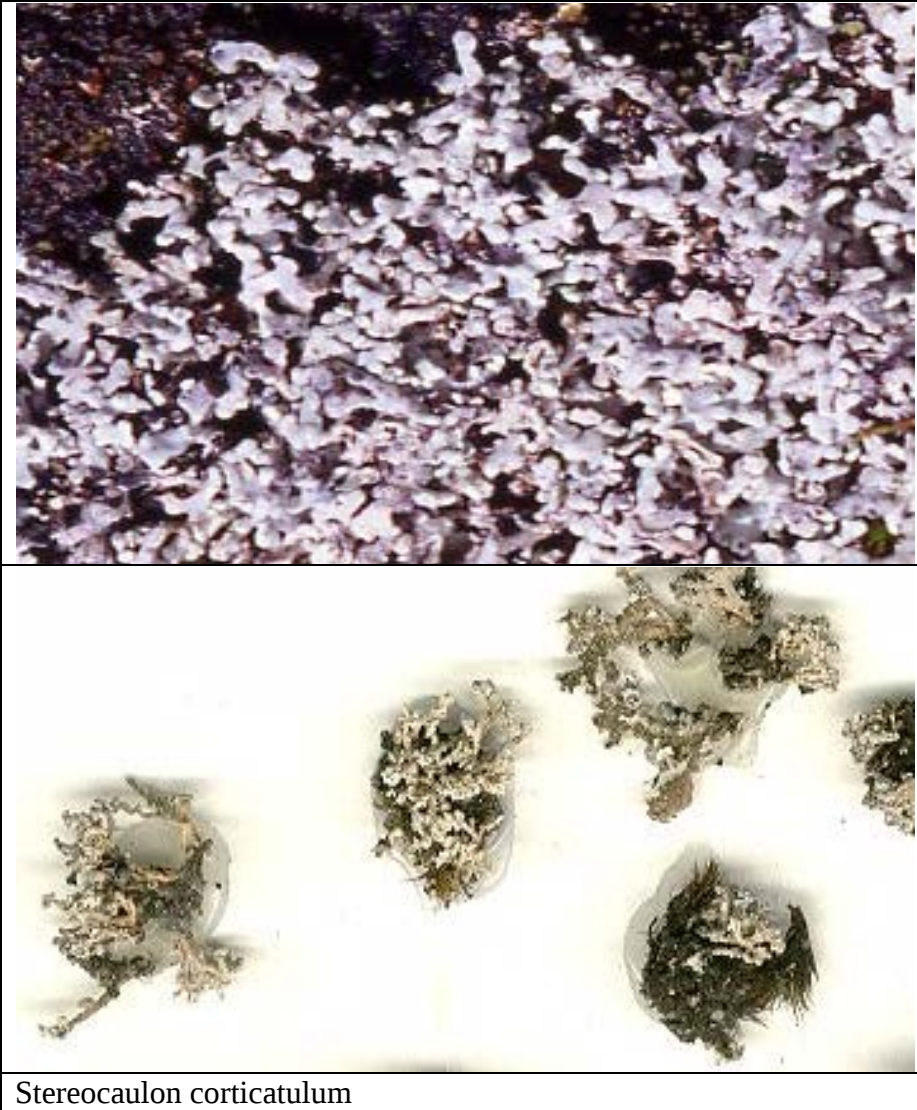
Sphinctrina leucopoda	

Spilonema

Spilonema paradoxum

Stereocaulon

Thallus crustose-squamulose, branched with cephalodia. Ascocarp an apothecium, terminal on pseudopododetia, disk flat to convex, red brown to black with proper exciple; spores 8, fusiform to acicular, transversely 3-7 septate, hyaline.



Stereocaulon corticatum

Teloschistes

Thallus fruticose often ciliate. Ascocarp an apothecium, lecanorine, marginal and laminal, concave-flat, yellow-orange; spores 8, oblong-ellipsoid, polaribilocular or sometime 3 septate, hyaline. Chemistry K+ purple or dark crimson.



Teloschistes chrysophthalmus



Teloschistes sieberianus

Tephromela

Thallus crustose. Ascocarp an apothecium, lecanorine, disk black with thick white thalline margin; spores 8, simple, hyaline. Chemistry K+ yellow, UV+ ice blue.



Tephromela arafurensis

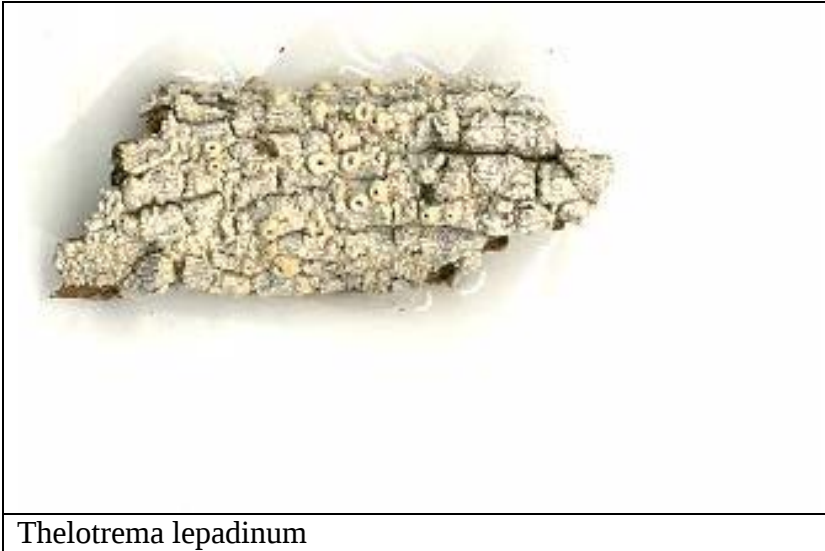


Tephromelia atra



Thelotrema

Thallus crustose, epi or endophloic. Ascocarp an apothecium, immersed to sessile in warts, disk round to elongate appearing separate from enclosing thalline margin, punctiform or narrow with proper exciple; spores 8, ellipsoid or oblong ellipsoid, muriform, hyaline



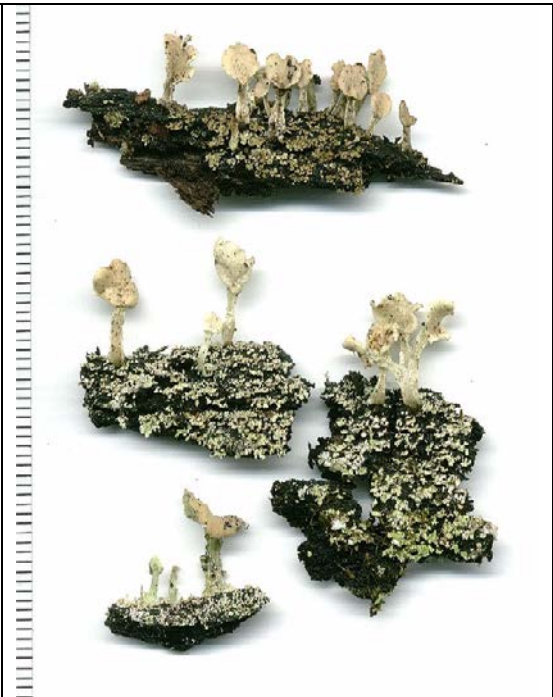
Thelotrema lepadinum

Thysanothecium

Thallus granular to sub squamulose. Ascocarp an apothecium borne on podetia; podetia erect usually unbranched; spores 8, ellipsoid, simple or 1 septate, hyaline. Chemistry KC+ yellow.



Thysanothecium hookeri



Thysanothecium scutellatum

Toninia

Thallus crustose areolate to small squamulose or almost foliose/fruticose. Ascocarp an apothecium, lecideine, sessile disk, margin proper, dark; spores 8, oblong to acicular, transversely 1-7 septate, hyaline. Chemistry K- or K+ violet.

Toninia australis	
	
Toninia cumulata	Toninia glaucocarpa
	
Toninia setifolia	

Trapelia

Thallus crustose to minutely squamulose. Ascocarp an apothecium, lecideine, sessile to adnate, round, usually with a brown proper margin; spores 8, ellipsoid, simple, hyaline. Chemisrty K-, C+red.

	
Trapelia coarctata	Trapelia mooreana

Trapeliopsis

Thallus crustose. Ascocarp an apothecium, lecideine; spores 8, simple, hyaline.
Chemistry C+ red.

Trapeliopsis colensii



Trapeliopsis psammophila

Tremolechia

Tremolechia atrata?

Trypethelium

Thallus crustose.



Trypethelium eluteriae

Umbilicaria

Thallus foliose attached by umbilicus, margins often lacerated. Ascocarp an apothecium, lecideine, disc often gyrose; spores 8, ellipsoid to oblong ellipsoid, simple to muriform, hyaline. Chemistry medulla K⁺ red or yellow, C⁻ or C⁺ red, P⁻ or P⁺ yellow or orange, UV⁻.



Umbilicaria polyphylla

Usnea

Thallus fruticose, branched, erect or pendulous, cortex horny, brittle attached to substrate by a holdfast. Ascocarp an apothecium, lecanorine, lateral or terminal on branches, disk round; spores 8, ellipsoid to spherical, simple, hyaline. Chemistry medulla C- or C+ yellow or red, K- or K+ yellow or orange-red.



Usnea confusa



Usnea dasaea



Usnea inermis



Usnea maculata



Usnea nidulifera



Usnea pulvinata



Usnea rubicunda?



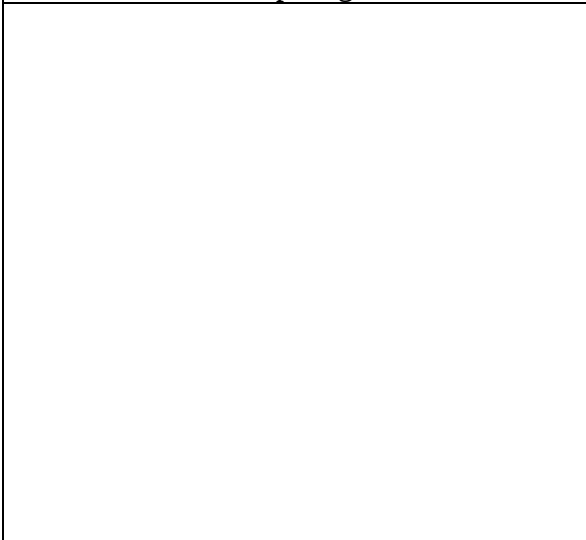
Usnea rubrotincta?



Usnea scabrida subsp. *elegans*?



Usnea scabrida subsp. *scabrida*



Usnea subalpina



Usnea subciliata



Usnea sp. nr *onocoides*

Verrucaria

Thallus crustose often powdery sometimes endolithic, ecorticate. Ascocarp a perithecium, immersed to sessile, ostiole punctiform or radially cracked, single or grouped together; spores 8, oblong-ellipsoid to globose, simple, hyaline to brown. Chemistry negative.

Verrucaria baldensis	Verrucaria calciseds
Verrucaria maura	Verrucaria microsporoides
Verrucaria subdiscreta	

Xanthoparmelia

Thallus foliose, lobed, radiate attached by simple rhizines. Ascocarp an apothecium, sessile, laminal, disk concave, brown with thalloid margin; spores 8, ellipsoid, simple, hyaline. Chemistry cortex K⁺ yellow, medulla K⁺ yellow-red or orange or K⁻, C⁺ or C⁻, KC⁺ rose or KC⁻, UV⁻.



Xanthoparmelia alternata



Xanthoparmelia amphixantha



Xanthoparmelia amplexula



Xanthoparmelia antleriformis



Xanthoparmelia arapilensis



Xanthoparmelia australasica



Xanthoparmelia bellatula

Xanthoparmelia bungendorensis



Xanthoparmelia burmeisteri

Xanthoparmelia centralis

	
Xanthoparmelia cheelii	Xanthoparmelia concomitans
Xanthoparmelia congensis	Xanthoparmelia congesta
	
Xanthoparmelia constipata	Xanthoparmelia convolutella
	
Xanthoparmelia convoluta	Xanthoparmelia cranfieldii



Xanthoparmelia cravenii



Xanthoparmelia darlingensis



Xanthoparmelia dayiana



Xanthoparmelia dichotoma



Xanthoparmelia digitiformis



Xanthoparmelia dissitifolia

	
Xanthoparmelia donneri	Xanthoparmelia dubitata?
	
Xanthoparmelia eilifii	Xanthoparmelia elevata
	
Xanthoparmelia elixii	Xanthoparmelia everardensis



Xanthoparmelia exillima



Xanthoparmelia filarszkyana



Xanthoparmelia filsonii



Xanthoparmelia flavescentireagens

Xanthoparmelia flindersiana

Xanthoparmelia fumigata

Xanthoparmelia furcata

Xanthoparmelia gerhardii

	
Xanthoparmelia glareosa	Xanthoparmelia globulifera
	
Xanthoparmelia gongylobes	Xanthoparmelia hybridiza
	
Xanthoparmelia hypoleia	Xanthoparmelia incerta

	
Xanthoparmelia incrustata	Xanthoparmelia isidiigera
Xanthoparmelia isidiosa	Xanthoparmelia kalbarriensis
	
Xanthoparmelia kimberleyensis	Xanthoparmelia lineola
Xanthoparmelia louisii	Xanthoparmelia luminosa
	

Xanthoparmelia metaclystoides	Xanthoparmelia mexicana
	
Xanthoparmelia molliuscula	Xanthoparmelia monadnockensis
	
Xanthoparmelia mougeotina	Xanthoparmelia nana
	
Xanthoparmelia nanooides	Xanthoparmelia nashii



Xanthoparmelia neorimalis



Xanthoparmelia neotinctina

Xanthoparmelia norpumila

Xanthoparmelia norstrigosa

Xanthoparmelia nortegeta



Xanthoparmelia notata

Xanthoparmelia oleosa

Xanthoparmelia parvoclystoides

Xanthoparmelia parvoincerta



Xanthoparmelia pertinax



Xanthoparmelia praegnans

	
Xanthoparmelia prodomoksii	Xanthoparmelia pumila
Xanthoparmelia pustuliza	Xanthoparmelia remanens
	
Xanthoparmelia reptans	Xanthoparmelia rupestris
	
Xanthoparmelia scabrosa	Xanthoparmelia sleei

	
Xanthoparmelia subcrustacea	Xanthoparmelia subdistorta
	
Xanthoparmelia subnuda	Xanthoparmelia substrigosa
	
Xanthoparmelia succedans	Xanthoparmelia taractica



Xanthoparmelia tasmanica



Xanthoparmelia tegata



Xanthoparmelia toolbrupensis



Xanthoparmelia versicolor



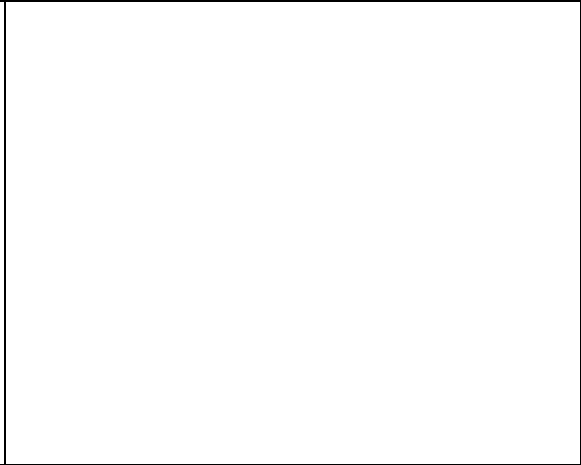
Xanthoparmelia victoriana



Xanthoparmelia weberiella



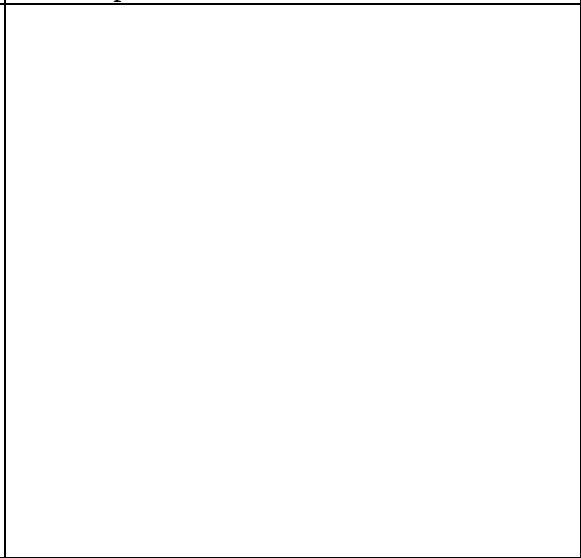
Xanthoparmelia willisii



Xanthoparmelia xanthofarinsa



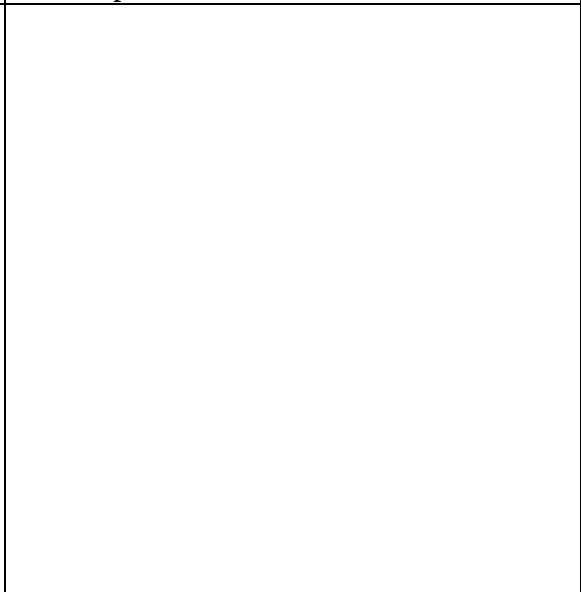
Xanthoparmelia xanthomelaena



Xanthoparmelia xanthomelanoides

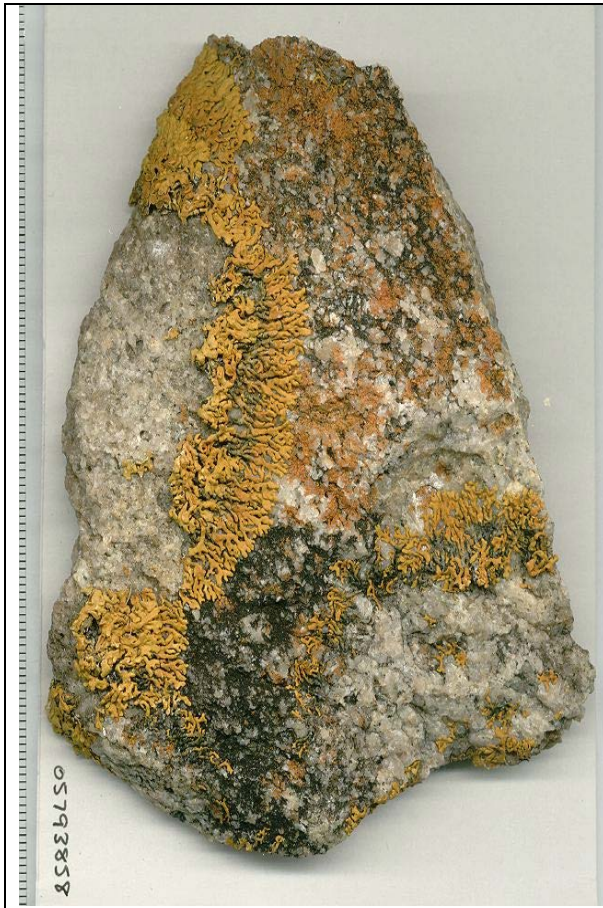


Xanthoparmelia yowaensis



Xanthoria

Thallus foliose, golden yellow-orange, attached by rhizines. Ascocarp an apothecium, lecanorine, sessile, laminal with thalloid margin, disk round; spores 8, ellipsoid, polari-bilocular, hyaline. Chemistry K⁺ crimson.



Xanthoria ligulata



Xanthoria parietina

Xylographa

Thallus crustose. Ascocarp an apothecium, sessile to immersed, disk round-irregular, margin absent; spores 8, simple hyaline. Chemistry K- or K+ yellow.



Xylographa sp.