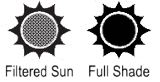




Field Guide - Happy Valley Track, Mt Wilson

Asplenium bulbiferum ssp. gracillimum (Hen And Chicken Fern)



Category. Terrestrial - Clumping, Epiphytic, Lithophytic

Dimensions. Grows to 0.8m high by 0.5m wide

Elevation. Found between 0m and 1600m above sea level

Asplenium flabellifolium (Necklace Fern)



Description. Attractive dainty yet hardy fern with trailing fronds, forming plantlets at the tips. Easily grown in a moist, protected position in a pot, basket terrarium or rockeries. When established it will spread. Very cold hardy. Vulnerable to slug and snail damage.

Category. Terrestrial - Clumping, Lithophytic

Habitat. Typically found on rock walls or rocky areas

Dimensions. Grows to 0.3m high by 0.3m wide

Elevation. Found between 0m and 1650m above sea level



Pinnate

Asplenium flaccidum (Weeping Spleenwort)



Description. A hardy coastal fern from New Zealand and Australia. Suitable for a fernery or moist, sheltered garden position. Protect from frost.

Dimensions. Grows to 0.5m high by 0.5m wide

Elevation. Found between 0m and 1331m above sea level

Blechnum ambiguum



Description. Decorative fern for cool, shaded position. Keep moist at all times.

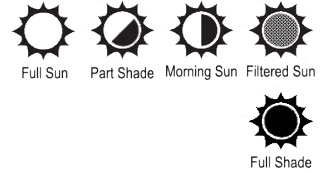
Category. Terrestrial - Clumping

Dimensions. Grows to 0.6m high by 0.3m wide

Elevation. Found between 0m and 1630m above sea level



Pinnate



Blechnum cartilagineum (Gristle Fern)



Description. Very hardy fern with erect fronds to 1m tall. New fronds are usually bronze-red. Easily grown in a moist position in filtered or morning sun.

Category. Terrestrial - Clumping, Terrestrial - Creeping

Habitat. Typically found near creeks or moist areas in high light

Dimensions. Grows to 1m high by 0.5m wide

Elevation. Found between 0m and 1367m above sea level



Blechnum nudum (Fishbone Water Fern)



Description. This hardy native fern will grow like a small treefern and develop multiple trunks in time, It will tolerate some direct sun providing it is kept moist and will survive temperatures to 0c and less

Category. Terrestrial - Clumping

Habitat. Typically found in or near creeks in rainforest

Dimensions. Grows to 0.8m high by 0.8m wide

Elevation. Found between 0m and 1768m above sea level



Blechnum patersonii ssp. patersonii (Strap Water Fern)



Description. An attractive fern with very dark foliage and bright red new fronds. Typically found near creeks and streams. resents being disturbed.

Category. Terrestrial - Clumping

Dimensions. Grows to 0.4m high by 0.4m wide

Elevation. Found between 0m and 1525m above sea level



Blechnum wattsii (Hard Water Fern)



Description. Very attractive native fern with bronze-pink to red young fronds. Deep green foliage. Cold hardy species. Prefers a protected, shaded site. Soil needs organics and constant moisture.

Category. Terrestrial - Creeping

Dimensions. Grows to 1.2m high by 0.5m wide

Elevation. Found between 0m and 1549m above sea level

Calochlaena dubia (False Bracken)



Description. Very hardy fern with soft pale green fronds up to 1.5m tall. Very easily grown in shady or exposed positions. Best planted in the ground with room to spread.

Category. Terrestrial - Creeping

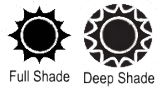
Habitat. Found in moist high light situations in open forest and rainforest, often on poor soils

Dimensions. Grows to 1.5m high by 0.5m wide

Elevation. Found between 0m and 1319m above sea level



Quadripinnate or greater



Pinnatifid Pinnate

Crepidomanes venosum

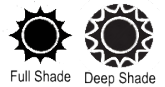


Category. Epiphytic

Habitat. Found on tree fern trunks and logs in moist shaded areas

Dimensions. Grows to 0.015m high by 0.05m wide

Elevation. Found between 0m and 1142m above sea level



Pinnatifid Pinnate

Cyathea australis ssp. australis (Rough Tree Fern)



Description. A versatile and hardy tree fern, which will tolerate some neglect once established. Very easily grown and hardy in a moist position. Prefers filtered or morning sun, will survive full sun if given enough water and protected from wind.

Category. Tree Fern

Habitat. Found in shady situations in drier locations in rainforest and in moist locations in open forest

Dimensions. Grows to 20m high by 6m wide

Elevation. Found between 0m and 1465m above sea level



Full Shade



Tripinnatifid Tripinnate

Dennstaedtia davallioides (Lacy Ground Fern)



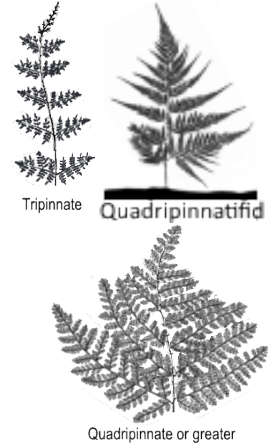
Description. Very handsome, vigorous fern with delicate lacy fronds. Loves moist, shady situations. Protect against grubs and leaf eating pests.

Category. Terrestrial - Creeping

Habitat. Found on the margins of rainforest or in moist locations in open forest

Dimensions. Grows to 1.7m high by 1m wide

Elevation. Found between 0m and 1323m above sea level



Dicksonia antarctica (Soft Tree Fern)



Description. A very hardy tree fern, found in South-Eastern Australia. Producing fronds up to 4.5m long. The trunk has a growth rate of approximately 3cm per year. An excellent tub plant requiring plenty of water in hot weather.

Category. Tree Fern

Dimensions. Grows to 10m high by 6m wide

Elevation. Found between 0m and 1676m above sea level

Diplazium australe (Austral Lady Fern)



Description. Delicate fern with broad arching fronds to 1.5m long. Old plants develop a short trunk. Easily grown in a shady protected position. Keep moist.

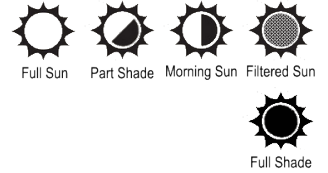
Category. Terrestrial - Clumping

Habitat. Found in shady locations in rainforest

Dimensions. Grows to 2m high by 2m wide

Elevation. Found between 0m and 1519m above sea level





Doodia aspera (Prickly Rasp Fern)



Description. Very hardy native fern with erect fronds to 45cm tall. New fronds are bright red. Very easily grown in a moist position in filtered or morning sun. Suitable for pots or rockeries.

Category. Terrestrial - Creeping

Habitat. Found in high light to shade in open forest and rainforest

Dimensions. Grows to 0.5m high by 0.15m wide

Elevation. Found between 0m and 1200m above sea level



Grammitis stenophylla



Elevation. Found between 1m and 1622m above sea level

Histiopteris incisa var. incisa (Water Fern)



Description. Very hardy and adaptable native with bluish-green fronds 2-3m tall. Very easily grown in a moist shady position. Smaller pots will thrive in exposed situations if hardened off first. Will tolerate full sun. Good tub fern.

Category. Terrestrial - Creeping

Habitat. Found along streams or in seepage zones in full sun or light shade

Dimensions. Grows to 2.5m high

Elevation. Found between 0m and 2400m above sea level



Hymenophyllum australe (Austral Filmy Fern)



Elevation. Found between 0m and 1500m above sea level

Hymenophyllum flabellatum (Shiny Filmy Fern)



Elevation. Found between 0m and 1241m above sea level

Hymenophyllum lyallii



Elevation. Found between 0m and 975m above sea level

Hymenophyllum rarum



Elevation. Found between 0m and 1372m above sea level

Lastreopsis acuminata (Shiny Shield fern)



Description. An Australian Native ground fern which grows via a tuft or short rhizome. This plant has pretty, glossy triangular fronds which are drawn out to a point.

Dimensions. Grows to 1m high by 0.4m wide

Elevation. Found between 0m and 993m above sea level

Lastreopsis decomposita (Trim Shield Fern)

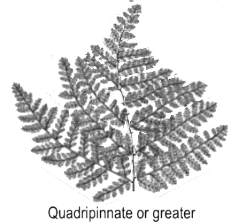
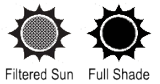


Description. A shortly-creeping, easily grown native rainforest fern. Prefers moist, shady situations.

Category. Terrestrial - Creeping

Dimensions. Grows to 1m high by 0.5m wide

Elevation. Found between 0m and 1450m above sea level



Lastreopsis hispida (Bristly Shield Fern)



Category. Terrestrial - Creeping

Dimensions. Grows to 0.6m high by 0.5m wide

Lastreopsis microsora (Creeping Shield Fern)



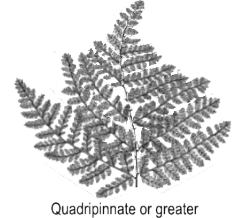
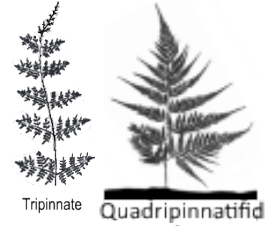
Description. Very hardy fern with bright green foliage. Likes a shady well drained organic rich site with room to spread. Is frost and heat tollerant

Category. Terrestrial - Creeping

Habitat. Found in rainforest

Dimensions. Grows to 1m high by 0.5m wide

Elevation. Found between 0m and 1300m above sea level



Leptopteris fraseri



Description. Decorative fern for cool, shaded position. Keep moist at all times.

Category. Terrestrial - Clumping

Dimensions. Grows to 1.5m high by 2m wide

Elevation. Found between 564m and 1071m above sea level



Microsorium pustulatum)



Description. Creeping fern with leathery yellow-green fronds to 0.5m long. Typically epiphitic. Needs a cool humid shady position. Suitable for baskets. Use free draining coarse soil.

Category. Terrestrial - Creeping, Epiphytic, Lithophytic

Habitat. Found growing on rocks or trees in or near rainforest

Dimensions. Grows to 0.5m high by 0.2m wide

Elevation. Found between 0m and 1237m above sea level



Microsorium scandens (Fragrant Fern)



Description. Creeping native fern with semi-weeping fronds to 30cm long. Easily grown in a moist position in filtered sun. Fronds have a faint but perceptible fragrance. Suitable for pots, baskets or tree fern logs. Ideal ground cover for very heavily shaded positions.

Category. Terrestrial - Creeping, Terrestrial - Climbing, Epiphytic

Habitat. Typically found growing on trees, rocks and tree ferns in rainforest

Dimensions. Grows to 0.5m high by 0.3m wide

Elevation. Found between 0m and 1350m above sea level



Pellaea falcata (Sickle Fern)



Description. Australian Native ground fern with erect dark green leathery fronds. Leaflets are smooth edged. Hardy and easily grown in a moist position in filtered or morning sun. Suitable for pots or rockeries.

Category. Terrestrial - Creeping

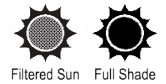
Habitat. Typically found in rocky positions in forest

Dimensions. Grows to 0.6m high by 0.2m wide

Elevation. Found between 0m and 1243m above sea level



Pellaea nana (Dwarf Sickle Fern)



Description. Very hardy fern with erect slender fronds to 20cm tall, tinged pink when young. Very easily grown in a moist position in filtered sun. Suitable for post, baskets or rockeries.

Category. Terrestrial - Creeping, Lithophytic

Habitat. Typically found on or among rocks in gullies or moist locations in rainforest

Dimensions. Grows to 0.5m high by 0.3m wide

Elevation. Found between 0m and 1519m above sea level



Polystichum proliferum (Mother Shield Fern)



Description. An excellent container fern. Very hardy and adaptable and will grow in fullsun or shade. Likes free drained soils with plenty of organics.

Dimensions. Grows to 1.3m high by 1.5m wide

Elevation. Found between 0m and 2217m above sea level

Pteridium esculentum (Common Bracken)



Description. Very hardy bracken fern and is considered an invasive weed in some areas.

Dimensions. Grows to 1.2m high by 1m wide

Elevation. Found between 0m and 1600m above sea level

Pyrrhosia rupestris (Rock Felt Fern)



Description. Very hardy small Australian native fern. Easily grown on suitable trees, or in baskets, pots or on tree fern slabs. Very tolerant of dryness. Likes bright light, humidity and air movement.

Category. Epiphytic, Lithophytic

Habitat. Typically found as an epiphyte near or overhanging streams

Dimensions. Grows to 0.1m high by 0.1m wide

Elevation. Found between 0m and 1550m above sea level



Rumohra adiantiformis (Iron Fern)



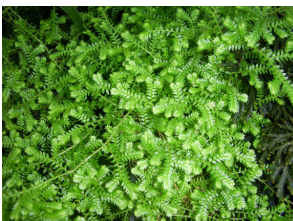
Description. This is a very robust fern with fronds up to 0.6m tall. It is frost hardy and does well in pots or gardens, will tolerate some sun if kept moist and will spread when established.

Dimensions. Grows to 1.5m high by 1m wide

Elevation. Found between 0m and 1336m above sea level



Selaginella kraussiana (Spreading Selaginella)



Description. Easily grown fern ally. Prefers well drained soils with a high organic content. Likes plenty of water and humidity.

Category. Terrestrial - Clumping, Terrestrial - Creeping

Habitat. Found on the forest floor in moist situations with high levels of light

Dimensions. Grows to 0.15m high

Elevation. Found between 0m and 2428m above sea level



Sticherus lobatus (Spreading Fan Fern)



Description. A terrestrial fern that creates a dense spreading thicket. It likes moist clay soil and a sunny situation.

Dimensions. Grows to 2m high

Elevation. Found between 0m and 1355m above sea level

Sticherus urceolatus



Elevation. Found between 0m and 1341m above sea level

Tmesipteris obliqua



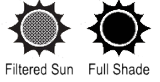
Elevation. Found between 0m and 1364m above sea level

Tmesipteris truncata



Elevation. Found between 0m and 1500m above sea level

Todea barbara (King Fern)



Filtered Sun Full Shade



Description. A large fern which can develop massive trunks with multiple crowns. Each crown bears a number of erect, leathery bright green fronds. A large specimen is an impressive sight. Very adaptable, and easily grown in a variety of situations and soils.

Category. Terrestrial - Clumping, Lithophytic

Habitat. Found near streams and on the margins of forest

Dimensions. Grows to 3m high by 2m wide

Elevation. Found between 0m and 1220m above sea level



Bipinnate