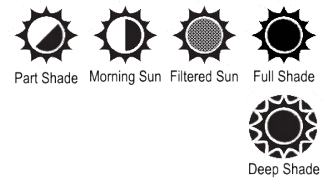




Field Guide - Dantes Glen and St Michaels Falls



Adiantum hispidulum (Rosy Maidenhair)



Description. A pretty, yet hardy and adaptable fern. Leathery fronds to 30cm. A.hispidulum will cope with poor soils and exposed situations provided it has good drainage. New fronds are bronze to rosy-pink, ageing to green. Very easily grown. Does best in a sheltered position in the ground.

Category. Terrestrial - Clumping, Terrestrial - Creeping, Lithophytic

Habitat. Found among rocks. Also grows in cracks in rock faces Grows in partial to deep shade. Around boulder basis in woodland or in deep shade in moist forest.

Dimensions. Grows to 0.45m high by 0.5m wide

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



Bipinnate

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, Epiphytic, Lithophytic

Habitat. Typically found on rock walls or among rocks or as an epiphyte on logs or tree ferns in exposed or open situations.

Dimensions. Grows to 0.05m 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.

Category. Epiphytic, Lithophytic

Habitat. Found on trees, tree ferns, logs and moss covered rocks in moist humid positions

Dimensions. Grows to 0.6m high by 0.5m wide

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



Bipinnate

Blechnum ambiguum



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

Category. Terrestrial - Clumping, Terrestrial - Creeping, Lithophytic

Habitat. Found in soil on rock faces and ledges and as a terrestrial

Dimensions. Grows to 0.9m 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 or in moist positions on forest margins

Dimensions. Grows to 1.8m high by 0.5m wide

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



Full Shade



Pinnate

Blechnum gregsonii



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

Category. Terrestrial - Creeping, Epiphytic, Lithophytic

Habitat. Found on trees, in rock crevices or on rock faces in moist locations often near water.

Dimensions. Grows to 0.75m high

Elevation. Found between 170m and 1070m above sea level



Pinnate

Blechnum minus (Soft Water Fern)



Description. Very easily grown but prefers wet sites. Thrives in full sunlight or light shade. Forms clumps and will grow in a variety of soil types

Category. Terrestrial - Clumping, Terrestrial - Creeping, Lithophytic

Habitat. Found near creeks or areas with high soil moisture content such as springs, soaks, swamps and river flats. Also found on wet rocks and crevices.

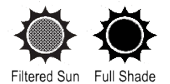
Dimensions. Grows to 1.6m high by 0.4m wide

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



Pinnate

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 forest and rainforest

Dimensions. Grows to 1m high by 0.8m wide

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



Pinnate

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, Terrestrial - Creeping

Habitat. Found on creek banks, moist gullies and moist earth banks, typically in shady locations

Dimensions. Grows to 0.5m high by 0.4m wide

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



Pinnatifid

Blechnum watsii (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 - Clumping, Terrestrial - Creeping, Lithophytic

Habitat. Found in moist locations in deep soil or on rock faces, often in large colonies

Dimensions. Grows to 1.2m high by 0.5m wide

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



Pinnate

Calochlaena dubia (False Bracken)



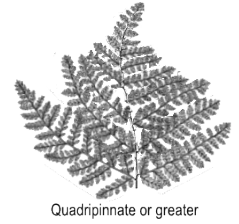
Description. Very hardy fern with soft pale green fronds up to 1.5m tall. Very easily grown in shady or exposed positions. Best planted in the ground with room to spread.

Category. Terrestrial - Creeping

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

Dimensions. Grows to 1.4m high by 0.5m wide

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



Quadripinnate or greater



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 14m high by 6m wide

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

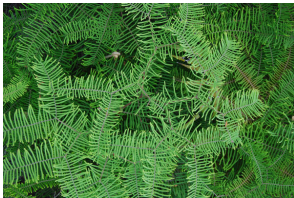


Full Shade



Tri-pinnate

Gleichenia dicarpa (Tangle Fern)



Description. Australian Native pouched coral fern. Requires cool, moist position.

Category. Terrestrial - Creeping

Habitat. Found in high light in swamps and other locations where soil moisture is perpetually high.

Dimensions. Grows to 4m high by 0.2m wide

Elevation. Found between 0m and 1712m above sea level

Gleichenia microphylla (Carrier Tangle)



Description. A most attractive native fern forming a scrambling thicket up to 2m tall. Needs a moist or wet position in strong filtered light or morning sun. Do not overshade or allow to dry out. Suitable for tubs.

Dimensions. Grows to 4m high

Elevation. Found between 0m and 1279m above sea level

Grammitis stenophylla



Category. Epiphytic, Lithophytic
Habitat. Found on rocks and trees in forest/rainforest
Dimensions. Grows to 0.09m high
Elevation. Found between 1m and 1622m above sea level



Filtered Sun



Simple



Full Sun



Part Shade



Morning Sun



Filtered Sun

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, Lithophytic
Habitat. Found in swamps, along streams or in seepage zones in rainforest in full sun or light shade. Often is distributed sites.
Dimensions. Grows to 2m high
Elevation. Found between 0m and 2400m above sea level



Tripinnatifid

Hymenophyllum cupressiforme (Common Filmy Fern)



Category. Epiphytic, Lithophytic
Habitat. Found on moist rocks and trees in temperate climate
Dimensions. Grows to 0.12m high
Elevation. Found between 0m and 1519m above sea level

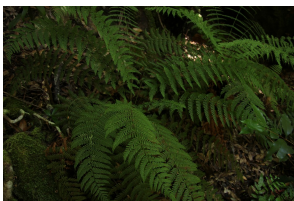


Full Shade



Bipinnatifid

Leptopteris fraseri



Description. Decorative fern for cool, shaded position. Keep moist at all times.
Category. Terrestrial - Clumping, Lithophytic
Habitat. Found in humid wet locations around rocks in gullies, creeks and ravines with protection from wind.
Dimensions. Grows to 1.5m high by 2m wide
Elevation. Found between 564m and 1071m above sea level



Filtered Sun



Full Shade



Tripinnatifid

Lindsaea linearis (Screw Fern)



Description. Decorative fern for cool, shaded position. Keep moist at all times.
Category. Terrestrial - Creeping
Habitat. Found as a terrestrial in forest in partially shaded locations or in filtered light.
Dimensions. Grows to 0.25m high
Elevation. Found between 0m and 1223m above sea level



Part Shade



Morning Sun



Filtered Sun



Pinnate

Lindsaea microphylla (Lacy Wedge Fern)



Description. Decorative fern for a moist location with high light levels. Dies back over winter
Category. Terrestrial - Clumping, Terrestrial - Creeping
Habitat. Found in filtered light in sloped areas that retain moisture such as roadside verges
Dimensions. Grows to 0.65m high by 0.2m wide
Elevation. Found between 0m and 1100m above sea level



Tripinnate

Lycopodiella lateralis (Slender Clubmoss)

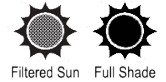


Category. Terrestrial - Creeping
Habitat. Found in boggy ground or near water
Dimensions. Grows to 0.2m high
Elevation. Found between 0m and 1240m above sea level



Other

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 0.45m high by 0.3m wide
Elevation. Found between 0m and 1519m above sea level



Pinnate

Pteridium esculentum (Common Bracken)



Description. Very hardy bracken fern and is considered an invasive weed in some areas.
Category. Terrestrial - Creeping
Habitat. Found in a variety of locations, often in high light.
Dimensions. Grows to 1.8m high by 1m wide
Elevation. Found between 0m and 1600m above sea level



Pinnate

Pyrrosia 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 or lithophyte near or overhanging streams or in rainforest

Dimensions. Grows to 0.21m high by 0.1m wide

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



Simple

Schizaea bifida (Forked Comb Fern)



Category. Terrestrial - Clumping, Terrestrial - Creeping,Lithophytic

Habitat. Found as a terrestrial in forest, swamps and heath

Dimensions. Grows to 0.55m high

Elevation. Found between 0m and 1012m above sea level



Simple

Selaginella uliginosa



Elevation. Found between 0m and 900m above sea level

Sticherus flabellatus (Umbrella Fern)



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

Category. Terrestrial - Creeping,Lithophytic

Habitat. Found on rocks in or close to water, roadside banks and places with high light and high moisture content, often in heavy soils.

Dimensions. Grows to 1.8m high

Elevation. Found between 0m and 1269m above sea level



Other

Sticherus lobatus (Spreading Fan Fern)



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

Category. Terrestrial - Creeping

Habitat. Found in high light areas in disturbed sites, damp locations and along waterways, often in heavy soil.

Dimensions. Grows to 2m high

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



Other

Sticherus urceolatus



Category. Terrestrial - Creeping, Lithophytic

Habitat. Found along waterways, disturbed areas, roadside earth banks and in seepage on rock faces. Typically in clay.

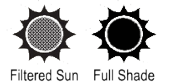
Dimensions. Grows to 0.12m high

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



Other

Todea barbara (King Fern)



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, swamps in gullies, rock crevices and on the margins of forest

Dimensions. Grows to 4m high by 2m wide

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



Bipinnate