

# Madeira - The Floating Garden

Naturetrek Tour Report

3 - 10 June 2009

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*Geranium palmatum*



Madeira Red Admiral



2009 Group Photo



*Viola paradoxa*

Report and Images compiled by Paul Harmes

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## Day 1

Wednesday 3rd June

Weather: Fine & sunny with a breeze at Heathrow. Warm & bright, Funchal

All 8 tour participants met Paul, the trip leader, at Gatwick Airport for the 16.20pm Air Portugal flight to Funchal. On arrival we were met by our driver for the week, Jose. From the airport we then made our way to Funchal and our accommodation for the next seven days, the Residencial Pina. After finding our rooms and settling in, we met in the hotel cafe and Paul gave us a brief outline of the week before we retired for the night.

## Day 2

Thursday 4th June

Weather: Warm & sunny on south side of island, cloudy on the north

From Funchal we drove east to Cancela, where we made a brief stop to buy our picnic lunch. Then we continued north to Camacha, on up over the central ridge at Paso de Poiso and down to Ribeiro Frio (lit. 'cold river'). When we arrived we made a short tour of a small public garden where we saw *Musschia wollastonii* (Wollaston's Musschia), *Goodyeara macrophylla* (Madeiran Goodyeara) and *Ranunculus cortusifolius* ssp. *grandiflorus* (Madeiran Buttercup). From here we walked the western of the two Levadas to the look out point at Balcoes, as we went we had superb views of Madeiran Firecrest and Madeiran Chaffinch, as well as *Laurus azorica* (Azores Laurel), *Geranium palmatum* (Anemone-leaved Crane's-bill) and *Melanoselinum dicipiens*.

For lunch, we made our way up towards the Piro do Arieiro (1,818 metres), the island's third highest peak, where we stopped at a picnic site among some *Pinus pinaster* (Maritime Pine). Siskins were heard and a Common Buzzard seen as well as *Spartium junceum* (Spanish Broom). In the afternoon we returned to Ribeiro Frio to walk the Portela Levada. Here we recorded Robin and Madeiran Firecrest again, as well as *Asplenium monanthes* (a Spleenwort), *Ruscus stenophyllus* (a Butcher's-broom), *Adiantum capillis-veneris* (Maiden-hair Fern) and *Dactylorhiza foliosus* (Madeiran Orchid). After a short stop to enjoy a welcoming coffee, we made the return journey to Funchal. In the evening we made our first visit to the Restaurante Combatentes for dinner.

## Day 3

Friday 5th June

Weather: Cloudy with sunny periods, some heavy rain at first.

Today we again drove east to Cancela where we visited the supermarket before continuing towards the Ponta de Sao Louenco, via Machico.

First we made a short stop at Prainha where we found Atlantic Yellow-legged Gull and had superb, close views of a Berthelot's Pipit. Among the plants we had *Lotus glaucus* (Smooth Bird's-foot Trefoil), *Psoralea bituminosa* (Pitch Trefoil) and *Cenchrus ciliaris* (Buffle Grass).

From here we made the final short hop to the Ponta de Sao Louenco, where we took a walk out towards the point. Again, we saw Berthelot's Pipit and heard the elusive Common Quail. Meanwhile, the plants included *Helichrysum devium* (Everlasting), *Scolymus maculatus* (Golden Thistle) and *Andrayala glandulosa subsp. glandulosa* (Andrayala). A good number of the cricket *Decticus albifrons*, Brassica Bug and the splendid Orb-web Spider *Agriope trifasciata* were seen, and we were also treated to a Common Tern mobbing a Common Buzzard.

It was now time for our picnic, so we made our way back to Prainha to set up our lunch. Berthelot's Pipit and Kestrel were noted during the meal. After lunch we made our way to the old whaling town of Canicel. Here we explored some of the rock pools and took a leisurely stroll along the sea coast road, stopping for refreshments. We saw Spanish Sparrows, Grey Wagtail and a small flock of Common Waxbills, as well as *Arundo donax* (Giant Reed) and *Bidens pilosa var. minor* (a bur-marigold). A solitary Monarch Butterfly was also spotted. Leaving Canicel, we made a short stop at a viewpoint called Pico do Facho, before making our way back towards Cancela. Here we came to see the *Musschia aurea* (Golden Musschia) and *Trachelium caeruleum* (Throatwort). From here it was a fairly short trip back, through the old town of Funchal, to the Residential Pina, in time prepare for dinner. Tonight we ate at La Riviera Restaurante.

## Day 4

Saturday 6th June

Weather: Cloudy at first, becoming warm, dry & sunny, clouding over again later.

Our objective today was to walk the path to the Pico Ruivo, at 1,862 metres, the highest point on the island. After shopping for our picnic lunch at Cancela, we drove east to Machico, before turning north through the new road tunnel system to Faial and Santana. Here we turned south-west, aiming for the base of the Pico Ruivo. As we approached the car park, we emerged from low cloud into bright sunshine with amazing views of the rugged peaks in a cloud-scape. The path is very well marked and we set off at a slow steady pace. Along the way we found *Mentha pulgium* (Pennyroyal), *Ranunculus cortusifolius ssp. minor* (a buttercup), *Erica maderensis* (Madeiran Heather), *Erica arborea* (Tree Heather) and *Viola paradoxa* (Madeiran Wild Pansy). Birds included Robin, Plain Swift, a single Pallid Swift and Berthelot's Pipit. Near the summit, we stopped at the 'Refugio' for some well-earned refreshments, while some of the group completed the last section to the summit, which rewarded them with stunning panoramic views of the upper parts of the island. On our return to the car park, we set up our picnic under the canopy of the car park lodge. Here, Maderian Wall Lizards were very plentiful.

For our descent, we made our way down to Santana, where we made a brief visit to some traditional Madeiran houses, before making our way to Porto da Cruz. Along the way we stopped at a viewpoint to photograph the stunning views. Here we saw *Rumex maderensis* (Madeiran Sorrel), *Plantago arborescens* (Maderian Plantain) and *Misopates orontium* (Weasel Snout). Kestrel was seen and Common Buzzard heard. A final short stop at Porto da Cruz added *Matthiola maderense* (Madeiran Stock) and Plain Swifts and Lesser Black-backed Gulls on an adjacent sea stack, together with Atlantic Yellow-legged Gulls. The final leg of the journey took us near Machico before turning west back to Funchal, and dinner was taken at the Restaurante Arco.

## Day 5

Sunday 7th June

Weather: Fine, warm & sunny

Today we headed to the north and west of the island. Leaving Funchal we drove west towards Ribeiro Brava, turning off the motorway at Campasario, where we stopped at a 'Miradouro' (view point) to see the last two Dragon Trees (*Dracena draco*) still native on the island. Here, we also found *Olea europaea ssp. maderensis* (Madeiran Olive) and two spiders, *Argiope trifasciata* and the Comunal Orb Web, *Cyrtophora citricola*. From here we descended to Ribeira Brava, before travelling north to Sao Vicente. Our objective for the morning was to explore the splendid sea cliffs that dominate this part of the coast. Our first stop gave the group some clear views of Common Tern and Atlantic Yellow-legged Gull, as well as some distant glimpses of Trocaz pigeon and Common Buzzard. Plants included *Aeonium glandulosum* (Disc Houseleek), *Aichryson divaricatum* and *Aichryson villosum*, *Echium nervosum* (Small Pride of Madeira), *Plantago leiopetala* and *Samolus valerandi* (Brookweed).

Continuing west to Seixal, we turned into a small valley called Chao da Ribeiro and began by exploring the upper reaches of the valley, getting several more fleeting glimpses of the Trocaz Pigeon. Also seen were Blackcap and Canary; Madeiran Brimstone and European and Macaronesian Red Admiral were added to the growing butterfly list. We also found *Saxifraga maderensis var. maderensis* (Madeiran Saxifrage) *Helichrysum foetidum* (Fetid Everlasting), *Myrica faya* (Wax Myrtle) and *Teline maderensis* (Shrub Trefoil).

After taking our picnic in this lovely spot we continued along the coast. A brief stop at a viewpoint added *Euphorbia piscatoria* (Smooth Spear-leaved Spurge) and a Common Teal in the river below, before we continued on to Porto Moniz. The magnificent coastal lava flows here are home to a large colony of *Helichrysum obconicum* (Everlasting). After indulging in ice-creams and coffee, we set off back towards Funchal.

Our return journey took us along the eastern side of the Ribeira da Janela and through some of the most unspoiled laurisilva (Laurel Forest) habitat to be seen on the island. Passing through Fanal, and on over the Paul da Serra and down to Encumeada, before retracing our steps east from Ribeira Brava toward Funchal, making our final stop of the day at the spectacular sea cliff at Cabo Girao – at 580 metres it is the second highest example in the world. Dinner was again taken at the Restaurante Arco.

## Day 6

Monday 8th June

Weather: Fine warm & sunny

Today the group was free to choose their own activities. Most of the group decided to begin the day at the Botanical Gardens in Funchal. This was a good choice as they were able to see some of the endemic plant species which we had not managed to find in a native situation. They also saw several Perez's Frogs in the water features. The rest of the day was spent as each group member chose.

Three tour members joined Paul for the two and a half hour sea crossing to Porto Santo. After an early breakfast, we were collected by our taxi and taken to the Harbour to embark on the 'Lobo Marinho' (Wolf of the Sea – Monk Seal). In the harbour Atlantic Yellow-legged Gulls and Common Terns were seen.

The boat left Funchal at 08-00hrs and almost immediately we were being treated to a wonderful aerial display by Cory's Shearwaters. During the crossing we also saw Bulwer's Petrel and Manx Shearwater. There were also several sightings of Bottle-nosed Dolphins.

Upon our arrival at Porto Santo, we were met by a driver, who immediately took us to the far southwest corner of the island, to Ponta da Calheta. Here we explored the sand dunes and scrub before lunch. Spanish Sparrows, Rock Sparrows and Hoopoe were recorded and a fleeting glimpse of a Spectacled Warbler was had. Plants included *Lotus glaucus* (Maderian Bird's-foot Trefoil), *Euphorbia paralias* (Sea Spurge) and *Euphorbia peplis* (Purple Spurge) were also recorded. The afternoon was spent taking a tour of the island with our driver and guide, Karina. We visited the Miradouro das Flores, Campo de Cima, Vereda da Fonte da Areia, Camacha and Portela. Along the way we saw Rock Sparrow, Grey Heron, Spanish Sparrow, Kestrel and a good number of Hoopoes, as well as *Cynara cardunculus* (Cardoon) and *Limonium sinuatum* (Garden Sea Lavender), before returning to the harbour at 19-00hrs for the return sea crossing to Funchal, arriving at 21-15hrs.

## Day 7

Tuesday 9th June

Weather: Cloudy with rain early, becoming fine, warm & sunny

Our last full day was spent in the central highlands of Madeira. Travelling west towards Ribeiro Brava, we made a short stop for picnic provisions, before traveling north via Serra de Agua to Encumeada, where we walked the Folhadal Levada. Here we had some good views of Madeiran Wall Lizards as well as seeing *Euphorbia mellifera* (Melliferous Spurge), *Ilex perado ssp. perado* (Madeiran Holly), *Persia indica* (Madeiran Mahogany) and *Apollonias barbujana* (Canary Laurel). Common Buzzard and Robin were also seen.

We then headed west up to the Paul da Serra and on to Rabacal. It is no longer possible to take a vehicle down to the Casa do Rabacal, so we had to begin our walk at the main road. Going along the old road, we made our way down to the 'Refugio', for our picnic. On the way we had wonderful views of Madeiran Firecrest and Perez's Frog.

After lunch we walked on to Risco, where we were fortunate enough to get some great views of the elusive Trocaz Pigeon, Robin and Chaffinch, and admire the stunning scenery. From Risco, we continued down and south along 'Levada of the 25 Fontes' (25 springs) to a tunnel. This took us through the mountainside emerging to the south of Rabacal, where Jose was waiting for us. Along the way we saw *Sonchus frutescens* (Large Sowthistle), *Erica scoparius* (Small Green-flowered Heath) and *Sibthorpia perigrina* (Madeiran Moneywort). Upon our return to Funchal, we bid farewell to Jose, thanking him for all he had done for us throughout the week. Our final dinner of the tour was taken at the Restaurante Combatentes.

## Day 8

Wednesday 10th June

Weather: Bright, warm & sunny at Funchal. Cloudy with some sun, Gatwick

We departed the Residencial Pina at 9.30am and made the drive to the airport, arriving at 10.00am for our flight home. We landed safely at Gatwick at 3.15pm.

## Species Lists

### Plants

#### Flora of Madeira, Porto Santo & the Desertas

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<b>PTERIDOPHYTES</b>	<b>FERNS &amp; ALLIES</b>	
<b>Selaginellaceae</b>	<b>Lesser Clubmoss Family</b>	
<i>Selaginella denticulata</i>	A Clubmoss	Ribeiro Frio – Portela
<i>Selaginella kraussiana</i>	Krauss's Spikemoss	Ribeiro Frio – Balcoes
<b>Equisetaceae</b>	<b>Horsetail Family</b>	
<i>Equisetum telmateia</i>	Great Horsetail	Porta da Cruz
<b>Adiantaceae</b>	<b>Maidenhair Fern Family</b>	
<i>Adiantum capillus-veneris</i>	Maidenhair Fern	Ribeiro Frio – Portela
<i>Adiantum raddianum</i>	A Maidenhair Fern	Funchal
<i>Anogramma leptophylla</i>	Jersy Fern	Encumeada
<b>Aspleniaceae</b>	<b>Spleenwort Family</b>	
<i>Asplenium monanthes</i>	A Spleenwort	Ribeiro Frio – Balcoes
<i>Asplenium obovatum</i>	Lanceolate Spleenwort	Pico Ruivo
<b>Blechnaceae</b>	<b>Hard Fern Family</b>	
<i>Blechnum spicant</i>	Hard Fern	Ribeiro Frio – Balcoes
<i>Woodwardia radicans</i>	Chain Fern	Ribeiro Frio – Balcoes
<b>Davalliaceae</b>	<b>Hare's-foot Fern Family</b>	
<i>Davallia canariensis</i>	Hare's-foot Fern	Ribeiro Frio – Portela
<b>Dennstaedtiaceae</b>	<b>Bracken Family</b>	
<i>Pteridium aquilinum</i>	Bracken	Ribeiro Frio – Balcoes
<b>Dryopteridaceae</b>	<b>Buckler Fern Family</b>	
<i>Dryopteris aitoniana</i> *	A Buckler Fern	Ribeiro Frio – Balcoes
<i>Dryopteris maderensis</i> *	Madeiran Buckler Fern	Ribeiro Frio – Balcoes
<i>Polystichum falcinellum</i> *	A Shield Fern	Ribeiro Frio – Balcoes
<i>Polystichum setiferum</i>	Soft Shield fern	Rabacal
<b>Hymenophyllaceae</b>	<b>Filmy Fern Family</b>	
<i>Hymenophyllum tunbrigense</i>	Tunbridge Filmy Fern	Ribeiro Frio – Portela
<b>Polypodiaceae</b>	<b>Polypody Family</b>	
<i>Polypodium macaronesicum</i>	Macaronesian Polypody	Ribeiro Frio – Balcoes
<b>Pteridaceae</b>	<b>Ribbon Fern Family</b>	
<i>Pteris vittata</i>	Ladder Brake	Funchal
<b>Woodsiaceae (Athryiaceae)</b>	<b>Lady Fern Family</b>	
<i>Athyrium felix-femina</i>	Lady Fern	Ribeiro Frio – Balcoes
<i>Cystopteris diaphana</i>	Madeiran Brittle Bladder-fern	Ribeiro Frio – Balcoes

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<b>PINOPIIDA (GYMNOSPERMS)</b>	<b>CONIFERS</b>	
<b>Cupressaceae</b>	<b>Juniper Family</b>	
<i>Cryptomeria japonica</i>	Japanese Red Cedar	Encumeada
<i>Cupressus macrocarpa</i>	Monterey Cypress	Porto Santo
<i>Juniperus phoenicea</i>	Phoenician Juniper	Pico Ruivo
<b>Pinaceae</b>	<b>Pine Family</b>	
<i>Pinus pinaster</i>	Maritime Pine	Pico Arierio
<i>Pinus pinea</i>	Stone or Umbrella Pine	Cabo Girao
<i>Pseudotsuga menziesii</i>	Douglas Fir	Paso de Poiso
<b>MAGNOLIOPSIDA (ANGIOSPERMS)</b>	<b>FLOWERING PLANTS</b>	
<b>Magnoliidae (Dicotyledons)</b>		
<b>Acanthaceae</b>	<b>Bear's-breech Family</b>	
<i>Acanthus mollis</i>	Bear's-breech	Cliffs in Funchal
<b>Aceraceae</b>	<b>Maple Family</b>	
<i>Acer pseudoplatanus</i>	Sycamore	Ribeira Brava
<b>Aizoaceae</b>	<b>Dewplant Family</b>	
<i>Aptenia cordifolia</i>	Baby Sun Rose	Near Porto Moniz
<i>Aizoon canariensis</i>	Aizoon	Ponta de Sao Lourenco
<i>Mesembryanthemum nodiflorum</i>	An Ice-plant	Ponta de Sao Lourenco
<i>Carpobrotus acinaciformis</i>	Sally-my-handsome	Ponta de Sao Lourenco
<i>Carpobrotus edulis</i>	Yellow Hottentot Fig	Ponta de Sao Lourenco
<i>Tetragonia tetragonioides</i>	New Zealand Spinach	Prainha
<b>Amaranthaceae</b>	<b>Pigweed Family</b>	
<i>Amaranthus blitum</i>	Gurnsey Pigweed	Canicel
<i>Achyranthes sicula</i>	-	Canicel
<b>Apiaceae</b>	<b>Carrot Family</b>	
<i>Ammi majus</i>	Bullwort	Ponta de Sao Lourenco
<i>Apium nodiflorum</i>	Fool's Watercress	Rabacal
<i>Foeniculum vulgare</i>	Fennel	Cancela
<i>Melanoselinum decipiens*</i>	Black Parsley	Ribeiro Frio – Balcoes
<i>Crithmum maritimum</i>	Rock Samphire	Ponta de Sao Lourenco
<i>Petroselinum crispum</i>	Parsley	Ribeiro Frio
<b>Aquifoliaceae</b>	<b>Holly Family</b>	
<i>Ilex perado ssp. perado</i>	Madeira Holly	Encumeada
<b>Araliaceae</b>	<b>Ivy Family</b>	
<i>Hedera helix ssp. canariensis</i>	Ivy	Ribeiro Frio
<b>Asteraceae</b>	<b>Daisy Family</b>	
<i>Ageratina adenophora</i>	White Eupatorium	Ribeiro Frio – Balcoes
<i>Andryala glandulosa subsp. glandulosa</i>	Andryala	Ponta de Sao Lourenco
<i>Andryala glandulosa subsp. varia</i>	Andryala	Pico Ruivo

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<i>Anthemis cotula</i>	Stinking Mayweed	Rabacal
<i>Argyranthemum dissectum*</i>	Cut-leaved Argyranthemum	Cabo Girao
<i>A. pinnatifidum ssp.pinnatifidum*</i>	Argyranthemum	Ribeiro Frio – Portela
<i>A. pinnatifidum ssp.succulentum*</i>	Mandon's Chrysanthemum	West of Sao Vicente
<i>Carduus squarrosus</i>	a Thistle	Above Porta da Cruz
<i>Carlina salicifolia*</i>	Willow-leaved Carlina Thistle	Encumeada
<i>Centaurea melitensis</i>	Maltese Star-thistle	Ponta de Sao Lourenco
<i>Cichorium intybus</i>	Chicory	Ponta de Sao Lourenco
<i>Conyza bonariensis</i>	Argentine Fleabane	Porta da Cruz
<i>Conyza canadensis</i>	Canadian Fleabane	Porto Santo
<i>Cynara cardunculus</i>	Cardoon	Porto Santo
<i>Delairea odorata (Senecio mikanoides)</i>	German Ivy	West of Sao Vicente
<i>Erigeron karvinskianus</i>	Mexican Fleabane	Ribeiro Frio
<i>Filago minima</i>	Small Cudweed	Paul da Serra
<i>Galactites tomentosa</i>	Galactites	Ponta de Sao Lourenco
<i>Galinsoga quadriradiata</i>	Shaggy Soldier	Ponta de Sao Lourenco
<i>Galinsoga parviflora</i>	Gallant Soldier	Canical
<i>Glebionis (Chrysanthemum) coronarium</i>	Crown Daisy	Porto Santo
<i>Glebionis (Chrysanthemum) segetum</i>	Corn Marigold	Campanario
<i>Helichrysum devium*</i>	Everlasting	Ponta de Sao Lourenco
<i>Helichrysum foetidum</i>	Stinking Everlasting	Chao da Ribeira
<i>Helichrysum melaleucum*</i>	White Everlasting	Ribeiro Frio – Balcoes
<i>Helichrysum obconicum*</i>	Everlasting	Porto Moniz
<i>Hypochoeris glabra</i>	Smooth Cat's-ear	Pico Ruivo
<i>Hypochoeris radicata</i>	Rough Cat's-ear	Ponta de Sao Lourenco
<i>Lactuca serriola</i>	Prickly Lettuce	Cancela
<i>Lapsana communis</i>	Nipplewort	Ribeiro Frio – Balcoes
<i>Pericaulis aurita*</i>	Madeira Groundsel	Ribeiro Frio
<i>Phagnalon (bennettii) hansenii*</i>	Phagnalon	Ponta de Sao Lourenco
<i>Phagnalon saxatile</i>	Phagnalon	Pico Ruivo
<i>Picris echioides</i>	Prickly Oxtongue	Ponta de Sao Lourenco
<i>Scolymus maculatus</i>	Spotted Golden Thistle	Ponta de Sao Lourenco
<i>Senecio sylvaticus</i>	Heath Groundsel	Pico Ruivo
<i>Senecio vulgaris</i>	Groundsel	Residencial Pina
<i>Sonchus fruticosus*</i>	Shrubby Sow Thistle	Ribeiro Frio
<i>Sonchus oleraceus</i>	Smooth Sow Thistle	Funchal
<i>Sonchus pinnatus*</i>	A Sow Thistle	Sao Vicente
<i>Sonchus ustulatus ssp.maderensis*</i>	Burnt Sow Thistle	West of Sao Vicente
<i>Taraxacum officinale agg.</i>	Dandelion	Ribeiro Frio
<i>Tolpis barbata</i>	Tolpis	Rabacal
<i>Tolpis macrorrhiza* (leaves only)</i>	Madeira Hawkweed	Pico Ruivo
<i>Tolpis succulenta*</i>	Hawkweed	Ponta de Sao Lourenco
<b>Berberidaceae</b>	<b>Barberry Family</b>	
<i>Epimedium c.f. pinnatum</i>	A Barrenwort	Ribeiro Frio – Portela
<b>Boraginaceae</b>	<b>Forget-me-not Family</b>	
<i>Echium plantagineum</i>	Purple Viper's Bugloss	Ponta de Sao Lourenco
<i>Echium candicans*</i>	Pride of Madeira	Above Monte
<i>Echium nervosum*</i>	Small Pride of Madeira	West of Sao Vicente
<i>Myosotis arvensis</i>	Field Forget-me-not	Chao da Ribeira
<i>Myosotis secunda</i>	Creeping Forget-me-not	Rabacal



<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<b>Brassicaceae</b>	<b>Cabbage Family</b>	
<i>Arabidopsis thaliana</i>	Thale Cress	Ribeiro Frio – Portela
<i>Arabis caucasica subsp. alpina</i>	Rockcress	Ribeiro Frio – Portela
<i>Cakile maritima</i>	Sea Rocket	Porto Santo
<i>Cardamine hirsuta</i>	Hairy Bittercress	Pico Ruivo
<i>Cardamine flexuosa</i>	Wavy Bittercress	Ribeiro Frio – Portela
<i>Coronopus didymus</i>	Lesser Swinecress	Cancela
<i>Eruca vesicaria ssp.sativa</i>	Garden Rocket	Faial
<i>Erysimum bicolor*</i>	Madeiran Mountain Stock	Ribeiro Frio – Portela
<i>Matthiola maderensis*</i>	Madeira Sea-stock	Porto da Cruz
<i>Rapistrum rugosum ssp.orientale</i>	Bastard Cabbage	Ponta de Sao Lourenco
<i>Sinapidendron frutescens*</i>	A Rock-cress	West of Sao Vicente
<i>Sinapidendron gymnocalyx*</i>	Naked-calyx Rock-cress	West of Sao Vicente
<i>Sisymbrium officinale</i>	Hedge Mustard	Ribeiro Frio
<i>Teesdalia nudicaulis</i>	Shepherd's Cress	Pico Ruivo
<b>Cactaceae</b>	<b>Cactus Family</b>	
<i>Opuntia tuna</i>	Prickly Pear	Ponta de Sao Lourenco
<b>Campanulaceae</b>	<b>Bellflower Family</b>	
<i>Campanula erinus</i>	Annual Bellflower	Encumeada
<i>Musschia aurea*</i>	Golden Musschia	Cancela
<i>Musschia wollastonii*</i>	Wollaston's Musschia	Ribeiro Frio – Portela
<i>Trachelium caeruleum</i>	Throatwort	Cancela
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Sambucus lanceolata*</i>	Madeiran Elder	Ribeiro Frio – Balcoes
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Cerastium fontanum</i>	Common Mouse-ear	Pico Ruivo
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Ribeiro Frio
<i>Polycarpon tetraphyllum</i>	Four-leaved Allseed	Funchal
<i>Sagina apetala</i>	Annual Pearlwort	Ribeiro Frio
<i>Sagina procumbens</i>	Procumbent Pearlwort	Pico Ruivo
<i>Silene uniflora</i>	Sea Campion	Ponta de Sao Lourenco
<i>Silene vulgaris</i>	Bladder Campion	Chao da Ribeira
<i>Stellaria uliginosa</i>	Bog Stitchwort	Pico Ruivo
<b>Chenopodiaceae</b>	<b>Goose-foot Family</b>	
<i>Beta vulgaris ssp.maritima</i>	Sea Beet	Ponta de Sao Lourenco
<i>Chenopodium album</i>	Common Goosefoot	Cancela
<i>Suaeda vera</i>	Shrubby Sea-blite	Ponta de Sao Lourenco
<b>Clethraceae</b>	<b>Lily-of-the-Valley Tree Family</b>	
<i>Clethra arborea*</i>	Lily-of-the-Valley Tree	Ribeiro Frio – Balcoes
<b>Clusiaceae</b>	<b>St John's Wort Family</b>	
<i>Hypericum grandiflorum*</i>	A St John's Wort	Ribeiro Frio – Portela
<i>Hypericum humifusum</i>	Trailing St John's Wort	Pico Ruivo
<i>Hypericum perforatum</i>	Perforate St John's Wort	Roadsides

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<b>Convolvulaceae</b>	<b>Bindweed Family</b>	
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	Ponta de Sao Lourenco
<i>Convolvulus massonii*</i>	Madeiran Bindweed	West of Sao Vicente
<i>Ipomoea purpurea</i>	Morning Glory	Funchal
<b>Crassulaceae</b>	<b>Stonecrop Family</b>	
<i>Aeonium glandulosum*</i>	Disc Houseleek	West of Sao Vicente
<i>Aeonium glutinosum*</i>	Viscid Houseleek	Pico do Facho
<i>Aichryson divaricatum*</i>	Madeira Stonecrop	Ribeiro Frio – Balcoes
<i>Aichryson villosum*</i>	Downey Stonecrop	West of Sao Vicente
<i>Umbilicus rupestris</i>	Navelwort	Pico Ruivo
<b>Ericaceae</b>	<b>Heath Family</b>	
<i>Erica maderensis</i>	Madeiran Heather	Pico Ruivo
<i>Erica arborea</i>	Tree Heather	Pico Arieiro
<i>Erica scorparia</i> subsp. <i>maderinicola</i>	Besom Heath	Ribeiro Frio – Balcoes
<i>Rhododendron ponticum</i>	Rhododendron	Paso de Poiso
<i>Vaccinium padifolium</i>	Madeira Bilberry	Ribeiro Frio – Balcoes
<b>Euphorbiaceae</b>	<b>Spurge Family</b>	
<i>Mercurialis annua</i>	Annual Mercury	Ribeiro Frio
<i>Ricinus communis</i>	Castor Oil Plant	Cancela
<i>Euphorbia mellifera*</i>	Melliferous Spurge	Encumeada
<i>Euphorbia piscatoria*</i>	Smooth Spear-leaved Spurge	Porto Moniz
<i>Euphorbia peplus</i>	Petty Spurge	Ponta de Sao Lourenco
<i>Euphorbia peplis</i>	Purple Spurge	Porto Santo
<b>Fabaceae</b>	<b>Pea Family</b>	
<i>Cytisus scorparius</i>	Broom	Roadsides
<i>Genista tenera*</i>	Madeira Greenweed	Encumeada
<i>Lathyrus clymenum</i>	A Pea	Cabo Girao
<i>Lotus angustissimus</i>	Slender Bird's-foot Trefoil	Chao da Ribeira
<i>Lotus glaucus*</i>	Madeiran Bird's-foot Trefoil	Ponta de Sao Lourenco
<i>Lotus parviflorus</i>	Small-flowered Bird's-foot Trefoil	Pico Ruivo
<i>Lotus pedunculatus</i>	Greater Bird's-foot Trefoil	Rabacel
<i>Medicago lupulina</i>	Black Medick	Ponta de Sao Lourenco
<i>Melilotus indicus</i>	Small Melilot	Ponta de Sao Lourenco
<i>Ornithopus perpusillus</i>	Common Bird's-foot	Pico Ruivo
<i>Psoralea bituminosa</i>	Pitch Trefoil	Ponta de Sao Lourenco
<i>Scorparius muricatus</i>	Scorpion Vetch	Ponta de Sao Lourenco
<i>Teline maderensis*</i>	Shrub Trefoil	Chao da Ribeira
<i>Trifolium arvense</i>	Hare's-foot Clover	Chao da Ribeira
<i>Trifolium campestre</i>	Hop Trefoil	Chao da Ribeira
<i>Trifolium angustifolium</i>	Narrow-leaved Clover	Ponta de Sao Lourenco
<i>Trifolium dubium</i>	Lesser Yellow Trefoil	Chao da Ribeira
<i>Trifolium glomeratum</i>	Clustered Clover	Pico Ruivo
<i>Trifolium pratense</i>	Red Clover	Ponta de Sao Lourenco
<i>Trifolium repens</i>	White Clover	Ribeiro Frio
<i>Trifolium scabrum</i>	Rough Clover	Prainha
<i>Trifolium squamosum</i>	Seaside Clover	Ponta de Sao Lourenco
<i>Trifolium subterraneum</i>	Burrowing Clover	Pico Arieiro
<i>Ulex europaeus</i>	Gorse	Ribeiro Frio – Balcoes

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<i>Vicia hirsuta</i>	Hairy Tare	Chao da Ribeira
<i>Vicia sativa ssp.segetalis</i>	Common Vetch	Ribeiro Frio – Balcoes
<i>Vicia tetrasperma</i>	Smooth Tare	Chao da Ribeira
<b>Fagaceae</b>	<b>Oak &amp; Beech Family</b>	
<i>Quercus robor</i>	Pedunculate Oak	Ribeiro Frio – Balcoes
<i>Castanea sativa</i>	Sweet Chestnut	Ribeiro Frio – Balcoes
<b>Fumariaceae</b>	<b>Fumitory Family</b>	
<i>Fumaria muralis</i>	Wall Fumitory	Cancela
<b>Geraniaceae</b>	<b>Geranium Family</b>	
<i>Erodium cicutarium</i>	Common Stork's-bill	Pico Ruivo
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Chao da Ribeira
<i>Geranium molle</i>	Dove's-foot Crane'sbill	Above Porta da Cruz
<i>Geranium palmatum*</i>	Anemone-leaved Stork's-bill	Ribeiro Frio – Balcoes
<i>Geranium purpureum</i>	Little Robin	Ribeiro Frio – Balcoes
<i>Geranium robertianum</i>	Herb Robert	Ribeiro Frio – Balcoes
<i>Geranium rubescens*</i>	A Geranium	Ribeiro Frio – Balcoes
<i>Pelargonium glutinosum</i>	Pelargonium	Pico do Facho
<b>Globulariaceae</b>	<b>Globularia Family</b>	
<i>Globularia salicina*</i>	A Globularia	Pico do Facho
<b>Hydrangeaceae</b>	<b>Mock-orange Family</b>	
<i>Hydrangea macrophylla</i>	Hydrangea	Ribeiro Frio – Portela
<b>Lamiaceae</b>	<b>Dead-nettle Family</b>	
<i>Bystropogon maderensis*</i>	Bystropogon	Ribeiro Frio – Balcoes
<i>Cedronella canariensis*</i>	Canary Dragon Herb	Encumeada
<i>Clinopodium vulgare</i>	Wild Basil	Chao da Ribeira
<i>Mentha pulegium</i>	Pennyroyal	Rico ruivo
<i>Oreganum vulgare</i>	Marjoram	Ponta de Sao Lourenco
<i>Prunella vulgaris</i>	Self-heal	Ribeiro Frio
<i>Sideritis candicans var.candicans*</i>	Madeira Ironwort	Verge bank Sth of Encumeada
<i>Stachys arvensis</i>	Field Woundwort	Chao da Ribeira
<i>Stachys oxymastrum</i>	A Woundwort	West of Sao Vicente
<i>Teucrium betonicum</i>	A Germander	Ribeiro Frio – Balcoes
<b>Lauraceae</b>	<b>Bay Family</b>	
<i>Apollonias barbujana</i>	Canary Laurel	Encumeada
<i>Ocotea foetens*</i>	Fetid Madeiran Laurel	Paul da Serra
<i>Laurus azorica</i>	A Laurel	Ribeiro Frio – Balcoes
<i>Persea indica</i>	Madeiran Mahogany	Encumeada
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum strictum</i>	Upright Yellow Flax	Prainha
<b>Lythraceae</b>	<b>Loosestrife Family</b>	
<i>Lythrum hissopifolia</i>	Grass-poly	Chao da Ribeira
<i>Lythrum junceum</i>	-	Chao da Ribeira

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Lavatera cretica</i>	Cretian Tree-mallow	Ponta de Sao Lourenco
<i>Malva parviflora</i>	Least Mallow	Ponta de Sao Lourenco
<b>Mimosaceae</b>	<b>Acacia Family</b>	
<i>Acacia mearnsii</i>	Black Wattle	Chao da Ribeira
<b>Moraceae</b>	<b>Fig Family</b>	
<i>Ficus carica</i>	Fig	Cancela
<i>Morus nigra</i>	Mulberry	Porto Santo
<b>Myrtaceae</b>	<b>Myrtles &amp; Gum Family</b>	
<i>Eucalyptus globulus</i>	Blue Gum	Common
<i>Leptospermum scoparium</i>	New Zealand Tea Tree	Ribeiro Frio
<i>Myrica faya</i>	Wax Myrtle	Encumeada
<b>Nyctaginaceae</b>	<b>Bougainvillea Family</b>	
<i>Bougainvillea glabra</i>	Bougainvillea	Funchal
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Olea europaea var. maderensis</i>	Olive	Campanario
<b>Onagraceae</b>	<b>Willowherb Family</b>	
<i>Epilobium obscurum</i>	Long-friuted Willowherb	Chao da Ribeira
<i>Epilobium tetragonum</i>	Square-stemmed Willowherb	Porta da Cruz
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Orobanche minor</i>	Lesser Broomrape	Ponta de Sao Lourenco
<b>Oxalidaceae</b>	<b>Wood-sorrel Family</b>	
<i>Oxalis corniculata</i>	Procumbent Yellow Sorrel	Ribeiro Frio – Balcoes
<i>Oxalis exilis</i>	-	Prainha
<i>Oxalis pes-caprae</i>	Bermuda Buttercup	Cancela
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Chelidonium majus</i>	Greater Celandine	Ribeiro Frio
<i>Eschscholzia californica</i>	Californian Poppy	Cancela
<i>Papaver dubium ssp. dubium</i>	Long-headed Poppy	Cancela
<i>Papaver rhoeas</i>	Common Poppy	Cancela
<b>Plantaginaceae</b>	<b>Plantains Family</b>	
<i>Plantago arborescens ssp. maderensis*</i>	Madeira Plantain	Pico do Facho
<i>Plantago coronopus</i>	Buck's-horn Plantain	Ponta de Sao Lourenco
<i>Plantago lanceolata</i>	Ribwort Plantain	Ribeiro Frio – Balcoes
<i>Plantago lagopus</i>	Hare's-foot Plantain	Ponta de Sao Lourenco
<i>Plantago leiopetala*</i>	Madeiran Giant Plantain	West of Sao Vicente
<i>Plantago major</i>	Greater Plantain	Canical
<b>Plumbaginaceae</b>	<b>Thrift Family</b>	
<i>Limonium sinuatum</i>	a Sea Lavender	Porto Santo
<b>Polygonaceae</b>	<b>Knotweed Family</b>	

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<i>Persicaria capitata</i>	Pink Garden Knotgrass	Chao da Ribeira
<i>Persicaria maculata</i>	Redshank	Canicel
<i>Polygonum maritimum</i>	Sea Knotgrass	Porto Santo
<i>Rumex acetosella</i>	Sheep-sorrel	Pico Ruivo
<i>Rumex crispus</i>	Curled Dock	Chao da Ribeira
<i>Rumex maderensis*</i>	Madeiran Sorrel	Above Porta da Cruz
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Ribeiro Frio – Balcoes
<i>Rumex pulcher</i>	Fiddle Dock	Ponta de Sao Lourenco
<b>Primulaceae</b>	<b>Primrose Family</b>	
<i>Anagallis arvensis (Red)</i>	Scarlet Pimpernel	West of Sao Vicente
<i>Anagallis arvensis (Blue)</i>	Scarlet Pimpernel	Prainha
<i>Samolus vallerandi</i>	Brookweed	West of Sao Vicente
<b>Ranunculaceae</b>	<b>Buttercup Family</b>	
<i>Ranunculus cortusifolius var. minor*</i>	A Buttercup	Pico Ruivo
<i>Ranunculus cortusifolius var. major*</i>	A Buttercup	Ribeiro Frio
<i>Ranunculus repens</i>	Creeping Buttercup	Ribeiro Frio
<b>Resedaceae</b>	<b>Mignonette Family</b>	
<i>Reseda luteola</i>	Weld	Chao da Ribeira
<b>Rosaceae</b>	<b>Rose Family</b>	
<i>Duchesnea indica</i>	Yellow-flowered Strawberry	Ribeiro Frio – Balcoes
<i>Fragaria vesca</i>	Wild Strawberry	Ribeiro Frio – Balcoes
<i>Prunus avium</i>	Wild Cherry	Encumeada
<i>Rosa mandonii</i>	Madeira Rose	Encumeada
<i>Rubus grandiflorus*</i>	A Bramble	Chao da Ribeira
<i>Sorbus maderensis*</i>	Madeiran White Beam	Pico Arieiro
<b>Rubiaceae</b>	<b>Bedstraw Family</b>	
<i>Galium aparine</i>	Clevers	Ribeiro Frio – Balcoes
<i>Galium productum</i>	Madeiran Bedstraw	Ribeiro Frio – Balcoes
<i>Phyllis nobla*</i>	Bastard Hare's-ear	Ribeiro Frio – Balcoes
<i>Sherardia arvensis</i>	Field Madder	Rabacal
<i>Rubia agostinhoi</i>	Madeiran Madder	Ribeiro Frio – Balcoes
<b>Salicaceae</b>	<b>Poplar &amp; Willow Family</b>	
<i>Salix canariensis*</i>	Madeiran Willow	Chao da Ribeira
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Saxifraga maderensis var. maderensis*</i>	Medeira saxifrage	Chao da Ribeira
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Antirrhinum majus</i>	Snapdragon	Canicel
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	West of Sao Vicente
<i>Digitalis purpurea</i>	Foxglove	Ribeiro Frio – Balcoes
<i>Isoplexis sceptrum*</i>	Foxglove Tree	Ribeiro Frio
<i>Misopates orontium</i>	Lesser Snapdragon	Above Porta da Cruz
<i>Scrophularia hirta*</i>	A Figwort	Rabacal
<i>Sibthorpia perigrina*</i>	Madeira Moneywort	Ribeiro Frio – Balcoes
<i>Veronica arvensis</i>	Wall Speedwell	Chao da Ribeira

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<i>Veronica persica</i>	Common Field Speedwell	Chao da Ribeira
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Chao da Ribeira
<b>Solanaceae</b>	<b>Nightshade Family</b>	
<i>Lycopersicon esculentum</i>	Tomato	Above Porta da Cruz
<i>Nicotiana glauca</i>	Shrub Tobacco	Funchal
<i>Solanum linnaeanum</i>	-	Ponta de Sao Lourenco
<i>Solanum mauritianum</i>	Mauritius Nightshade	Sao Vicente
<i>Solanum nigrum</i>	Black Nightshade	Pico Arieiro
<b>Tamaricaceae</b>	<b>Tamarix Family</b>	
<i>Tamarix gallica</i>	Tamarisk	Ponta de Sao Lourenco
<b>Tropaeolaceae</b>	<b>Nasturtiums</b>	
<i>Tropaeolum majus</i>	Nasturtium	Chao da Ribeira
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Funchal
<i>Urtica membranacea</i>	Membranous Nettle	Cancela
<i>Soleirolia soleirolii</i>	Mind-your-own-Business	Ribeiro Frio – Portela
<b>Valerianaceae</b>	<b>Valerian Family</b>	
<i>Centranthus rubra</i>	Red Valerian	Funchal
<i>Centranthus calcitrapae ssp. calcitrapae</i>	Small Valerian	Chao da Ribeira
<b>Verbenaceae</b>	<b>Vervain Family</b>	
<i>Verbena officinalis</i>	Vervain	Chao da Ribeira
<i>Lantana camera</i>	Lantana	On roadsides, Canical
<b>Violaceae</b>	<b>Violet Family</b>	
<i>Viola riviniana</i>	Common Wood Violet	Ribeiro Frio – Balcoes
<i>Viola paradoxa*</i>	Madeiran Yellow Violet	Pico Ruivo
<b>Liliidae (Monocotyledons)</b>		
<b>Agavaceae</b>	<b>Centuryplant Family</b>	
<i>Agave americana</i>	Century Plant	Ponta de Sao Lourenco
<i>Dracaena draco*</i>	Dragon Tree	Ribeira Brava
<b>Araceae</b>	<b>Arum Family</b>	
<i>Zantedeschia aethiopica</i>	-	Sao Vicente
<b>Cyperaceae</b>	<b>Sedges Family</b>	
<i>Cyperus eragrostis</i>	Pale Galingale	Canicel
<i>Carex divulsa ssp. divulsa</i>	Grey Sedge	Ribeiro Frio – Balcoes
<i>Carex perigrina</i>	-	Rabacal
<b>Iridaceae</b>	<b>Iris Family</b>	
<i>Watsonia borbonica</i>	Bugle Lily	Santana
<i>Crocsmia x crocosmiflora</i>	Montbretia	Ribeiro Frio – Balcoes
<b>Juncaceae</b>	<b>Rush Family</b>	

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<i>Juncus acutus</i>	Sharp Rush	Ponta de Sao Lourenco
<i>Juncus capitatus</i>	Dwarf Rush	Pico Ruivo
<i>Luzula campestris</i>	Field Wood-rush	Pico Ruivo
<b>Liliaceae</b>	<b>Lily Family</b>	
<i>Aloe arborescens</i>	Sword Aloe	Ponta de Sao Lourenco
<i>Agapanthus praecox</i>	African Lily	Common on Roadsides
<i>Nothoscordium gracile</i>	Honeybells	Canical
<i>Ruscus streptophyllus*</i>	A Butcher's-broom	Ribeiro Frio – Balcoes/Portela
<i>Semele androgyna*</i>	Climbing Butcher's-broom	West of Sao Vicente
<b>Orchidaceae</b>	<b>Orchid Family</b>	
<i>Dactylorhiza foliosa*</i>	Madeira Marsh Orchid	Ribeiro Frio
<i>Gennaria diphylla</i>	Gennaria	Ribeiro Frio - Portela
<i>Orchis scopulorum</i>	Rock Orchid	Encumeada
<i>Goodyera macrophylla</i>	Madeira Goodyera	Ribeiro Frio
<b>Poaceae</b>	<b>Grass Family</b>	
<i>Aira praecox</i>	Early Hair-grass	Pico Ruivo
<i>Anisantha diandra</i>	Great Brome	Prainha
<i>Anthoxanthum maderensis*</i>	Madeiran Sweet Vernal Grass	Ribeiro Frio – Balcoes
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Pico Ruivo
<i>Arundo donax</i>	Giant Reed	Funchal
<i>Avena barbata</i>	Slender Oat	Chao da Ribeira
<i>Avena sterilis</i>	Winter Wild-Oat	Ponta de Sao Lourenco
<i>Brachiaria mutica</i>	Signal-grass	Chao da Ribeira
<i>Brachypodium sylvaticum</i>	False Brome	Rabacal
<i>Briza maxima</i>	Large Quaking-grass	Ribeiro Frio
<i>Bromus hordeaceus ssp hordeaceus</i>	Soft Brome	Ponta de Sao Lourenco
<i>Cenchrus ciliaris</i>	Buffel-grass	Prainha
<i>Cynodon dactylon</i>	Bermuda-grass	Ponta de Sao Lourenco
<i>Cynosaurus echinatus</i>	Rough Dog's-tail	Pico do Facho
<i>Dactylis glomerata</i>	Cock'sfoot	Prainha
<i>Dactylis smithii</i>	-	West of Sao Vicente
<i>Festuca donax*</i>	Madeiran Fescue	Ribeiro Frio
<i>Holcus lanatus</i>	Yorkshire Fog	Chao da Ribeira
<i>Hordium murinum</i>	Wall Barley	Ponta de Sao Lourenco
<i>Hyparrhenia hirta</i>	Hyparrhenia	Ponta de Sao Lourenco
<i>Lagurus ovatus</i>	Hare's-tail Grass	Pico Ruivo
<i>Lolium perenne</i>	Perennial Rye-grass	Canical
<i>Paspalum dilitatum</i>	Dallis-grass	Faial
<i>Pennisetum villosum</i>	Silk Plumes	Cancela
<i>Phalaris paradoxa</i>	Awned Canary-grass	Ponta de Sao Lourenco
<i>Poa annua</i>	Common Meadow-grass	Funchal
<i>Poa pratensis</i>	Smooth Meadow-grass	Ribeiro Frio - Balcoes
<i>Polypogon viridis</i>	Water Bent	Chao da Ribeira
<i>Setaria parviflora</i>	Small-flowered Bristle-grass	Canical
<i>Setaria verticillata</i>	Rough Bristle-grass	Canical
<i>Stenotaphrum secundatum</i>	Buffalo Turf-grass	Residencial Residencial Pina
<i>Stipa capensis</i>	Mediterranean Needle-grass	Ponta de Sao Lourenco
<i>Vulpia bromoides</i>	Squirrel-tail Fescue	Pico Ruivo

<b>Group/Species</b>	<b>English Name(if any)</b>	<b>Location</b>
<b>Zingiberaceae</b>	<b>Ginger Lily Family</b>	
<i>Hedychium gardineranum</i>	Yellow Ginger Lily	Chao da Ribeira

## Plants Associated with Parks, Streets & Gardens

<b>Scientific Name</b>	<b>English Name</b>	<b>Location</b>
<i>Abelia grandiflora</i>	Glossy Abelia	Street, Funchal
<i>Agathis brownii</i>	Kawri of the East Indies	Street, Funchal
<i>Agave attenuata</i>	Maguey Plant	Airport
<i>Araucaria bidwillii</i>	Bunya Pine	Funchal
<i>Araucaria heterophylla</i>	Norfolk Island Pine	Funchal
<i>Archontophoenix cunninghamiana</i>	Elegant Palm	Street, Funchal
<i>Asclepias fruticosa</i>	Wild Cotton or Silk Plant	Prainha
<i>Bauhinia variegata</i>	Orchid Tree	Gardens, Funchal
<i>Bougainvillea x hybrida</i>	Bougainvillea	Street, Funchal
<i>Brunfelsia pauciflora</i>	Brunfelsia	Gardens, Funchal
<i>Brunsvigia rosea (Amaryllis belladonna)</i>	Amaryllis	Residencial Pina
<i>Burmansia versicolor</i>	Angel's Trumpet	Gardens, Funchal
<i>Callistemon viminalis</i>	Weeping Bottle-brush	Street, Funchal
<i>Camelia japonica</i>	Camelia	Garden, Ribeiro Frio
<i>Canna sp.</i>	Indian Shot or Canna Lily	San Francisco Gdns, Funchal
<i>Carica papaya</i>	Pawpaw	Machico
<i>Cassia (Senna) didymobotrya</i>	Popcorn Bush	Gardens, Funchal
<i>Casuarina cunninghamiana</i>	Casuarina or Australian Pine	Ponta de Sao Lourenco
<i>Chorisia speciosa</i>	Kapok Tree	Street, Funchal
<i>Choisya ternata</i>	Mexican Orange Flower	Ribeiro Frio
<i>Clivia nobilis</i>	Clivia	San Francisco Gdns, Funchal
<i>Colocasia esculenta</i>	Taro-root or Elephant Ears	Canicel
<i>Dicksonia antarctica</i>	Tree Fern	Gardens, Funchal
<i>Eriobotrya japonica</i>	Japanese Loquat Tree	Gardens, Funchal
<i>Erythrina crista-galli</i>	Cock's-comb or Coral Tree	Street, Funchal
<i>Erythrina speciosa</i>	Coral Tree	Garden, Funchal
<i>Eugenia uniflora</i>	Brazil Cherry	Residencial Pina
<i>Euphorbia ingens</i>	Candelabra Tree	Garden, Funchal
<i>Euphorbia pulcherrinia</i>	Poinsetta	Garden, Funchal
<i>Ficus benjamina var.nuda</i>	Tufted Fig Tree	Machico
<i>Ficus elastica</i>	Indian Rubber Tree	Gardens, Funchal
<i>Furcraea (Agave) foetida</i>	Giant Agave	Gabo Girao
<i>Hibiscus rosa-sinensis</i>	Hibiscus or Shoe Plant	Street, Funchal
<i>Howea forsteriana</i>	Paradise Palm	San Francisco Gdns, Funchal
<i>Jacaranda mimosifolia</i>	Jacaranda	Street, Funchal
<i>Kigelia africana</i>	Fetish Tree	Gardens, Funchal
<i>Kniphofia uvaria</i>	Red Hot Poker	Residencial Pina
<i>Ligularia tussilaginea</i>	Coltsfoot	Gardens, Funchal
<i>Lillium longiflorum</i>	Easter Lily	Roadside, Ribeiro Janala
<i>Magnolia grandiflora</i>	Large-flowered Magnolia	Santana
<i>Mangifera indica</i>	Mango	Garden, Santana
<i>Markhamia platycalyx</i>	Yellow Trumpet Tree	Street, Funchal
<i>Milvia azedarach</i>	Persian Lilac or Bead Tree	Street, Funchal
<i>Monstera deliciosa</i>	Mexican Breadfruit	Gardens, Funchal



Scientific Name	English Name	Location
<i>Musa acuminata</i>	Dwarf Banana	West of Funchal
<i>Musa x paradisiaca</i>	Silver Banana	Plantations west of Funchal
<i>Myoporum acuminatum</i>	Australian Blueberry	West of Funchal
<i>Nerium oleander</i>	Oleander	Street, Funchal
<i>Ornithogalum thyrsoides</i>	Star of Bethlehem	Garden, Sao Vicente
<i>Pandanus utilis</i>	Screwpine	Street, Funchal
<i>Persea americana</i>	Avocado	Sao Vicente
<i>Phoenix canariensis</i>	Canary Island Palm	Street, Funchal
<i>Plumbago auriculata</i>	Plumbago	Street, Funchal
<i>Plumeria rubra</i>	Frangipani	Gardens, Funchal
<i>Schefflera actinophylla</i>	Umbrella Tree	Street, Funchal
<i>Spathodea campanulata</i>	Flame of the Forest	Street, Funchal
<i>Stelitzia reginae</i>	Bird of Paradise Plant	Residencial Pina
<i>Tipuana tipu</i>	Pride of Bolivia	Street, Funchal
<i>Washingtonia filifera</i>	Fountain Palm	Residencial Pina

## Lower Plants

	Common Name	Scientific name	June							
			3	4	5	6	7	8	9	10
1	<b>Lichens</b>									
2	Yellow/Orange Lichen	<i>Latheriella baldensis</i>		✓		✓			✓	
3	Lungwort	<i>Lobaria pulmonaria</i>		✓					✓	
4	<b>Fungi</b>									
5	Madeiran Laurel Fungus	<i>Laurobasidium laurii</i>		✓					✓	
6	<b>Algae</b>									
7	Peacock's Tail	<i>Padina pavonia</i>								

## Birds (LO = leader only; H = heard)

	Common Name	Scientific Name	June							
			3	4	5	6	7	8	9	10
1	Cory's Shearwater	<i>Calonectris diomedea</i>		LO				✓		
2	Manx Shearwater	<i>Puffinus puffinus</i>						✓		
3	Bulwer's Petrel	<i>Bulweria bulweria</i>						✓		
4	Little Egret	<i>Egretta garzetta</i>			✓					
5	Grey Heron	<i>Ardea cinerea</i>						✓		
6	Mallard	<i>Anus platyrhynchos</i>					✓	✓		
7	Common Teal	<i>Anas crecca</i>					✓			
8	Common Buzzard	<i>Buteo buteo</i>		✓	✓	H	✓	✓	✓	
9	Eurasian Sparrowhawk	<i>Accipiter nisus granti</i>				✓				
10	Common Kestrel	<i>Falco tinnunculus</i>	✓	✓	✓	✓	✓	✓	✓	✓
11	Eurasian Hobby	<i>Falco subbuteo</i>		✓	✓			✓		
12	Peregrine Falcon	<i>Falco peregrinus</i>			✓					
13	Red-legged Partridge	<i>Alectoris rufa</i>				H				
14	Common Quail	<i>Coturnix coturnix</i>			H			H		
15	Common Moorhen	<i>Gallinula chloropus</i>						✓		
16	Eurasian Coot	<i>Fulica atra</i>						✓		
17	Western Yellow-legged Gull	<i>Larus michahellis atlantis</i>	✓	✓	✓	✓	✓	✓	✓	✓
18	Lesser Black-backed Gull	<i>Larus fuscus</i>			✓	✓	✓			
19	Common Tern	<i>Sterna hirundo</i>		✓	✓		✓	✓		✓

	Common Name	Scientific Name	June							9	10
			3	4	5	6	7	8			
20	Ferel Pigeon / Rock Dove	<i>Columba livia</i>	✓	✓	✓	✓	✓	✓	✓	✓	
21	Trocaz Pigeon	<i>Columba trocaz</i>		✓			✓		✓		
22	Barn Owl	<i>Tyto alba schmitzi</i>			✓			✓			
23	Pallid Swift	<i>Apus pallidus brehmorum</i>				✓			✓		
24	Plain Swift	<i>Apus unicolor</i>	✓	✓	✓	✓	✓	✓	✓	✓	
25	Eurasian Hoopoe	<i>Upupa epops</i>						✓			
26	Berthelot's Pipit	<i>Anthus berthelotii madeirensis</i>			✓	✓	✓	✓			
27	Grey Wagtail	<i>Motacilla cinerea schmitzi</i>		✓	✓	✓	✓		✓		
28	European Robin	<i>Erithacus rubecula</i>		✓		✓	H		✓		
29	Mistle Thrush	<i>Turdus viscivorus</i>		✓							
30	Common Blackbird	<i>Turdus merula cabrerae</i>	✓	✓	✓	✓	✓	✓	✓	✓	
31	Blackcap	<i>Sylvia atricapilla heineken</i>	H	✓	✓	✓	✓	✓	H	✓	
32	Spectacled Warbler	<i>Sylvia conspicillata orbitalis</i>						✓			
33	Madeiran Firecrest	<i>Regulus ignicapillus maderensis</i>		✓			✓		✓		
34	Spanish Sparrow	<i>Passer hispaniolensis</i>			✓			✓			
35	Common Chaffinch	<i>Fringilla coelebs madeirensis</i>		✓		✓	H		✓		
36	Common Linnet	<i>Carduelis cannabina nana</i>				✓		✓			
37	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓	✓	✓	✓		
38	Eurasian Siskin	<i>Carduelis spinus</i>		H							
39	Atlantic Canary	<i>Serinus canaria</i>		✓	✓	✓	✓	✓	✓	✓	
40	Common Waxbill	<i>Estrilda astrild</i>			✓						

## Butterflies

	Common Name	Scientific name	June							9	10
			3	4	5	6	7	8			
		<b>Pieridae</b>									
1	Small White	<i>Artogeia rapae</i>		✓		✓	✓		✓		
2	Clouded Yellow	<i>Colias crocea faillae</i>			✓	✓	✓	✓	✓		
3	Madeiran Brimstone	<i>Gonepteryx rhamni</i>					✓				
4		<b>Lycaenidae</b>									
5	Long-tailed Blue	<i>Lampides ooteticus</i>				✓	✓	✓			
6		<b>Nymphalidae</b>									
7	Monarch or Milkweed Butterfly	<i>Danaus plexippus</i>		✓	✓		✓	✓	✓		
8	European Red Admiral	<i>Vanessa aatalantica</i>					✓				
9	Macaronesian Red Admiral	<i>Vanessa vulcania</i>					✓				
10	Painted Lady	<i>Vanessa cardui</i>		✓	✓	✓	✓	✓	✓		
11		<b>Satyridae</b>									
12	European Speckled Wood	<i>Pararge aegeria aegeria</i>					✓		✓		
13	Madeiran Speckled Wood	<i>Pararge aegeria xiphia</i>		✓			✓		✓		

## Moths

	Common Name	Scientific name	June							9	10
			3	4	5	6	7	8			
1	Micro Moth	<i>Depressaria pastinaceella</i>					✓		✓		

## Other Invertebrates

			June							
	<b>Common Name</b>	<b>Scientific name</b>	3	4	5	6	7	8	9	10
1	Blue Emperor	<i>Anax imperator</i>					✓	✓		
2	Madeiran Grasshopper	<i>Calliptamus maderae</i>			✓					
3	Bush Cricket	<i>Decticus albifrons</i>			✓					
4	American Cockroach	<i>Periplanata americana</i>				✓			✓	
5	Brassica Bug	<i>Eurydema oleracea</i>			✓					
6	Madeiran Bumblebee	<i>Bombus maderensis</i>		✓	✓	✓	✓	✓	✓	✓
7	10-spot Ladybird	<i>Adalia 10-punctata</i>					✓			
8	2-spot Ladybird	<i>Adalia bipunctata</i>			✓					
9	Millipede sp.	<i>Cylindroiulus sp.</i>				✓				
10	Orb-web Spider	<i>Cyrtophora citicola</i>			✓		✓			
11	Banded Garden Spider	<i>Agryope trifasciata</i>			✓		✓	✓		
12	Wasp Spider	<i>Aggyope bruennichi</i>			✓					
13	Wolf Spider	<i>Lycosa sp.</i>					✓			

### Amphibians & Reptiles

			June							
	<b>Common Name</b>	<b>Scientific name</b>	3	4	5	6	7	8	9	10
1	Madeiran Wall Lizard	<i>Lacerta (Teira) dugesii</i>						✓		
2	Perez's Frog	<i>Rana perezii</i>						✓	✓	
3										

### Mammals

			June							
	<b>Common Name</b>	<b>Scientific name</b>	3	4	5	6	7	8	9	10
1	Bottle-nosed Dolphin	<i>Tursiops truncatus</i>		✓	✓	✓	✓	✓	✓	
2	Bryde's Whale	<i>Balaenoptera edeni</i>		LO						
3	Rabbit	<i>Oryctolagus cuniculus</i>				✓		✓		

### Other Groups

			June							
	<b>Common Name</b>	<b>Scientific name</b>	3	4	5	6	7	8	9	10
1	Brown Trout (Introduced)	<i>Salmo trutta forma fario</i>							✓	
2	Large Glass Snail	<i>Phenarolimax</i>							✓	
3	Rock Goby	<i>Gobius paganellus</i>			✓					
4	Limpit	<i>Patella piperata</i>			✓					

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