

## Appendix 1: Native plant records for Eastbourne hills

Taken from “Native plants of the Eastbourne Hills” by John Sawyer. Published by the Department of Conservation in 2005.

### Vascular plant species

This plant list has been taken from one first prepared by A.P. (Tony) Druce and Tony Silbery in 1993 - Species list identified between Eastbourne and Point Howard, including Butterfly Creek and Gollans Valley above their junction. It was first published in 1994 in "*Butterfly Creek: A visitors guide to the forests between Eastbourne and Wainuiomata*" by the Eastbourne Forest Rangers. Additions have been made from other sources such as herbarium records and plant checklists (see Appendix 3).

The result is a list of 264 native species. The following species have not been included in this list as they were recorded from the Eastbourne coast rather than the hills: *Acaena pallida*, *Einadia allanii*, *Elymus multiflorus*, *Coprosma acerosa*, *Desmoschoenus spiralis* and *Pimelea* aff. *arenaria*.

*Elatostema rugosum* (parataniwha) was recorded by Iris Coulter in 1972 from Wainui ridge to York Bay. It was also recorded from a creek behind York Bay (Tony Silbery pers. comm.) but was considered a garden escape by A.P. Druce. However, if the record is of a naturally occurring population it would be the most southerly record of the species in the country. Similarly *Phylocladus tricomanioides* (tanekaha) was recorded near York Bay by Tony Silbery but again was considered a garden escape (Tony Silbery pers. comm.).

Latin name	Common and/or Maori name	Source of record if not Druce & Silbery
<b>Gymnosperm trees and shrubs (5)</b>		
<i>Dacrycarpus dacrydioides</i>	Kahikatea	
<i>Dacrydium cupressinum</i>	Rimu	
<i>Podocarpus totara</i>	Totara	
<i>Prumnopitys ferruginea</i>	Miro	
<i>Prumnopitys taxifolia</i>	Matai	
<b>Monocotyledenous trees and shrubs (3)</b>		
<i>Cordylina australis</i>	Cabbage tree	
<i>Cordylina banksii</i>	Forest cabbage tree	
<i>Rhopalostylis sapida</i>	Nikau	
<b>Dicotyledenous trees and shrubs (78)</b>		
<i>Alectryon excelsus</i> var. <i>excelsus</i>	Titoki	
<i>Aristotelia serrata</i>	Wineberry	

Latin name	Common and/or Maori name	Source of record if not Druce & Silbery
<i>Beilschmiedia tawa</i>	Tawa	
<i>Brachyglottis repanda</i>	Rangiora	
<i>Brachyglottis kirkii</i> var. <i>kirkii</i>	Kirk's tree daisy	
<i>Carmichaelia australis</i>	Native broom	
<i>Carpodetus serratus</i>	Putaputaweta	
<i>Coprosma areolata</i>	Thin-leaved coprosma	
<i>Coprosma colensoi</i>		Enright & John 1998
<i>Coprosma foetidissima</i>	Stinkwood	
<i>Coprosma grandifolia</i>	Large leaved coprosma	
<i>Coprosma lucida</i>	Shining karamu	
<i>Coprosma microcarpa</i>	Small-seeded coprosma	
<i>Coprosma repens</i>	Taupata	
<i>Coprosma rhamnoides</i>		
<i>Coprosma rigida</i>		Enright & John 1998
<i>Coprosma robusta</i>	Karamu	
<i>Coprosma rotundifolia</i>	Round-leaved coprosma	
<i>Coprosma tenuicaulis</i>	Swamp coprosma	
<i>Coprosma taylorae</i>		
<i>Coriaria arborea</i>	Tutu	
<i>Corynocarpus laevigatus</i>	Karaka	
<i>Cyathodes juniperina</i>	Mingimingi	
<i>Dodoneaea viscosa</i>	Akeake	Enright & John 1998
<i>Dracophyllum longifolium</i>	Turpentine shrub, grass tree, Inaka	
<i>Dysoxylum spectabile</i>	Kohekohe	
<i>Eleaocarpus dentatus</i>	Hinau	
<i>Elaeocarpus bookerianus</i>	Pokaka	
<i>Fuchsia exorticata</i>	Tree fuchsia	
<i>Gaultheria antipoda</i>	Snowberry	
<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i>	Hangehange	
<i>Griselinia lucida</i>	Braodleaf, Puka	
<i>Hebe stricta</i> var. <i>atkinsonii</i>	Koromiko	
<i>Hedycarya arborea</i>	Pigeonwood, Porokaiwhiri	
<i>Helichrysum aggregatum</i>		Enright & John 1998
<i>Knightia excelsa</i>	Rewarewa	
<i>Kunzea ericoides</i>	Kanuka	
<i>Laurelia novae-zelandiae</i>	Pukatea	
<i>Leptospermum scoparium</i>	Manuka	
<i>Leucopogon fasciculatus</i>	Patotara	
<i>Lophomyrtus bullata</i>	Ramarama	
<i>Lophomyrtus obcordata</i>	New Zealand myrtle, rohutu	Clelland 1984; Wellington Botanical Society 1973 and 1984
<i>Macropiper excelsus</i> var. <i>excelsum</i>	Kawakawa	
<i>Melicope simplex</i> × <i>ternata</i>		Enright & John 1998
<i>Melicope ternata</i>	Wharangi	Enright & John 1998

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<i>Melicytus</i> aff. <i>obovatus</i>		Druce, A.P.
<i>Melicytus micranthus</i>	Swamp mahoe	Clelland 1984
<i>Melicytus ramiflorus</i>	Mahoe	
<i>Metrosideros robusta</i>	Northern rata	
<i>M. robusta</i> × <i>M. excelsa</i>	Rata x Pohutakawa hybrid	
<i>Mida salicifolia</i>	Willow leaved maire	Mead, A. 1974, Spearpoint, O. 2002
<i>Myoporum laetum</i> var. <i>laetum</i>	Ngaio	
<i>Myrsine australis</i>	Red matipo, Mapou	
<i>Myrsine salicina</i>	Toro	
<i>Nestegis cunninghamii</i>	Black maire	
<i>Nestegis lanceolata</i>	White maire	
<i>Nestegis montana</i>	Narrow leaved maire	
<i>Nothofagus solandri</i> var. <i>solandri</i>	Black beech	
<i>Nothofagus truncata</i>	Hard beech	
<i>Olearia arborescens</i>	Common tree daisy, Glossy tree daisy	Enright & John 1998
<i>Olearia paniculata</i>	Golden akeake, Akiraho	
<i>Olearia rani</i>	Heketara	
<i>Ozothamnus leptophylla</i>	Tauhinu	
<i>Pennantia corymbosa</i>	Kaikomako	
<i>Peraxilla tetrapetala</i>	Red mistletoe	
<i>Pittosporum divaricatum</i>		
<i>Pittosporum eugenoides</i>	Lemonwood, Tarata	
<i>Pittosporum tenuifolium</i>	Black matipo, kohuhu	
<i>Pseudopanax arboreus</i>	Fivefinger, Whauwhaupaku	
<i>Pseudopanax crassifolius</i>	Lancewood, Horoeaka	
<i>Pseudowintera axillaris</i>	Pepper tree, Horopito	
<i>Schefflera digitata</i>	Seven finger, pate	
<i>Solanum laciniatum</i>	Bullibul, Poroporo	
<i>Sophora microphylla</i>	Kowhai	Clelland 1984; Enright & John 1998
<i>Streblus heterophyllus</i>	Milk tree	
<i>Streblus banksii</i>	Large leaved milk tree	Horne, C.J. 1996
<i>Syzygium maire</i>	Swamp maire, maire tawake	
<i>Weinmannia racemosa</i>	Kamaha	
<b>Monocotyledonous lianes (2)</b>		
<i>Freycinetia banksii</i>	Kiekie	
<i>Ripogonum scandens</i>	Supplejack	
<b>Dicotyledonous lianes (11)</b>		
<i>Clematis forsteri</i>	Forster's clematis	
<i>Clematis paniculata</i>	Bush clematis, Puawhananga	
<i>Metrosideros colensoi</i>	Climbing rata, Akatea	
<i>Metrosideros diffusa</i>	White climbing rata	

Latin name	Common and/or Maori name	Source of record if not Druce & Silbery
<i>Metrosideros fulgens</i>	Winter rata	
<i>Metrosideros perforata</i>	Climbing rata	
<i>Muehlenbeckia australis</i>	Muehlenbeckia, Pohue	
<i>Parsonsia heterophylla</i>	Native jasmine, Akakiore	
<i>Passiflora tetrandra</i>	New Zealand passion vine, Kohia	
<i>Rubus australis</i>	Swamp lawyer, Tataramoa	
<i>Rubus cissoides</i> var.	Bush lawyer, Tataramoa	
<b>Psilopsids and Lycopods (5)</b>		
<i>Lycopodium varium</i>	Lycopodium, clubmoss	
<i>Lycopodium volubile</i>	Lycopodium, Climbing club moss	
<i>Tmesipteris elongata</i>	Chain fern, Fork fern	Enright & John 1998
<i>Tmesipteris tannensis</i>	Chain fern, Fork fern	
<b>Ferns (62)</b>		
<i>Adiantum cunninghamii</i>	Maidenhair	
<i>Adiantum diaphanum</i>	Small maidenhair	Brownsey, P. 1986
<i>Anarthropteris lanceolata</i>	Lance fern	Brownsey, P.
<i>Asplenium bulbiferum</i>	Hen and chicken fern	
<i>Asplenium flabellifolium</i>	Necklace fern	
<i>Asplenium bulbiferum</i> × <i>A. flaccidum</i>		Enright & John 1998
<i>Asplenium flaccidum</i>	Hanging spleenwort	
<i>Asplenium gracillimum</i>		Enright & John 1998
<i>Asplenium hookerianum</i>	Hooker's spleenwort, Perching spleenwort	Brownsey, P.
<i>Asplenium oblongifolium</i>	Shining spleenwort	
<i>Asplenium polyodon</i>	Sickle spleenwort	
<i>Blechnum</i> "Black spot lowland"		
<i>Blechnum chambersii</i>	Rereti	
<i>Blechnum discolor</i>	Crown fern, Piupiu	
<i>Blechnum filiforme</i>	Thread fern, Panako	
<i>Blechnum fluviatile</i>	Kiwikiwi	
<i>Blechnum membranaceum</i>		
<i>Blechnum minus</i>	Swamp kiokio	
<i>Blechnum procerum</i>	Small kiokio	
<i>Blechnum vulcanicum</i>	Korokio	
<i>Botrychium australe</i>	Parsley fern	
<i>Botrychium bifforme</i>	Fine-leaved parsley fern	Chinnock 1969
<i>Ctenopteris heterophylla</i>	Comb fern	
<i>Cyathea dealbata</i>	Silver fern, Ponga	
<i>Cyathea medullaris</i>	Black tree fern, Mamaku	
<i>Dicksonia squarrosa</i>	Wheki	
<i>Grammitis billarderi</i>		
<i>Grammitis ciliata</i>		

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<i>Histriopsis incisa</i>	Water fern	
<i>Hymenophyllum bivalve</i>	Filmy fern, Mauku	Brownsey, P.
<i>Hymenophyllum demissum</i>	Drooping filmy fern, Mauku, Piripiri, Iirangi	
<i>Hymenophyllum dilatatum</i>	Filmy fern, Mauku	
<i>Hymenophyllum flabellatum</i>	Fan-like filmy fern, Mauku	
<i>Hymenophyllum flexuosum</i>	Filmy fern, Mauku	
<i>Hymenophyllum multifidum</i>	Much-divided filmy fern, Mauku	
<i>Hymenophyllum rarum</i>	Filmy fern, Mauku	
<i>Hymenophyllum revolutum</i>	Filmy fern, Mauku	Brownsey, P.
<i>Hymenophyllum sanguinolentum</i>	Filmy fern, Mauku	
<i>Hymenophyllum scabrum</i>	Rough filmy fern, Mauku	Brownsey, P.
<i>Hypolepis ambigua</i>		Brownsey, P.
<i>Hypolepis dicksonioides</i>	Giant hypolepis	
<i>Hypolepis lactea</i>		Brownsey, P.
<i>Hypolepis rufobarbata</i>	Stcky pig fern	Brownsey, P.
<i>Lastreopsis glabella</i>	Smooth shield fern	
<i>Lastreopsis hispida</i>	Hairy fern	
<i>Lastreopsis velutina</i>	Velvet fern	
<i>Leptopteris hymenophylloides</i>	Crepe fern	
<i>Lindsaea linearis</i>		
<i>Lindsaea trichomanoides</i>		
<i>Paesia scaberula</i>	Fragrant fern, Mata	
<i>Pellaea rotundifolia</i>	New Zealand cliff brake, Round-leaved fern	
<i>Phymatosorus pustulatus</i>	Hound's tongue	
<i>Phymatosorus scandens</i>	Fragrant fern	
<i>Pneumatopteris pennigera</i>	Pakau	
<i>Polystichum richardii</i>	Prickly shield fern, Pikopiko	
<i>Pteridium esculentum</i>	Bracken, Rarahu	
<i>Pteris macilenta</i>	Sweet fern	Brownsey, P.
<i>Pyrrosia eleagnifolia</i>	Leather leaf fern	
<i>Rumohra adiantiformis</i>	Leathery shield fern	Brownsey, P.
<i>Schizaea bifida</i>	Forked comb fern	Moss, T. 1966
<i>Trichomanes reniforme</i>	Kidney fern, Raurenga	
<i>Trichomanes venosum</i>	Veined bristle fern, veined filmy fern	
<b>Monocotyledenous herbs (Orchids) (33)</b>		
<i>Acianthus sinclairii</i>		
<i>Bulbophyllum pygmaeum</i>	Piripiri	
<i>Bulbophyllum tuberculatum</i>	Bulb leaf orchid	
<i>Caladenia catenata</i>	Pink fingers, pink orchid	
<i>Caladenia chlorostyla</i>		Enright & John 1998
<i>Caladenia lyalli</i>	White fingers, white orchid	Smith, G. 1974
<i>Caladenia minor</i>		Kelly 1965

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<i>Chiloglottis cornuta</i>	Green bird orchid	
<i>Corunostylis nuda</i>		
<i>Corybas cheesmanii</i>	Spider orchid	
<i>Corybas macranthus</i>	Spider orchid	
<i>Corybas oblongus</i>	Spider orchid	
<i>Corybas trilobus</i>	Spider orchid	
<i>Cyrtostylis reniformis</i>	Gnat orchid	
<i>Drymoanthus adversus</i>		
<i>Drymoanthus flavus</i>		
<i>Earina autumnalis</i>	Easter orchid	
<i>Earina mucronata</i>	Spring orchid, Peka a waka	
<i>Gastrodia cunninghamii</i>		Enright & John 1998
<i>Gastrodia minor</i>		Enright & John 1998
<i>Microtis unifolia</i>	Onion leaf orchid	
<i>Plumatochilus tasmanica</i>	Greenhood orchid, Tutukiwi	
<i>Pterostylis alobula</i>	Greenhood orchid, Tutukiwi	
<i>Pterostylis banksii</i>	Greenhood orchid, Tutukiwi	
<i>Pterostylis cardiostigma</i>	Greenhood orchid, Tutukiwi	
<i>Pterostylis graminea</i>	Greenhood orchid, Tutukiwi	
<i>Pterostylis montana</i> "Wellington"	Greenhood orchid, Tutukiwi	
<i>Pterostylis puberula</i>	Greenhood orchid, Tutukiwi	
<i>Pterostylis trullifolia</i>	Greenhood orchid, Tutukiwi	
<i>Thelymitra nervosa</i>	Sun orchid, Maikuku	
<i>Thelymitra longifolia</i>	Sun orchid, Maikuku	
<i>Thelymitra pauciflora</i>	Sun orchid, Maikuku	
<i>Winika cunninghamii</i>	Ladies slipper	
<b>Grasses (8)</b>		
<i>Cortaderia fulvida</i>	Toetoe	
<i>Cortaderia toetoe</i>	Toetoe	Enright & John 1998
<i>Dichelachne crinata</i>		
<i>Echinopogon ovatus</i>		Enright & John 1998
<i>Microlaena avenacea</i>	Bush rice grass	
<i>Poa anceps</i> ssp. <i>anceps</i>		
<i>Rytidosperma gracile</i>		
<i>Rytidosperma unarede</i>		
<b>Sedges (15)</b>		
<i>Carex diandra</i>		
<i>Carex dissita</i>		
<i>Carex forsteri</i>		
<i>Carex lambertiana</i>		
<i>Carex solandri</i>		
<i>Carex virgata</i>		
<i>Gahnia pauciflora</i>	Cutty grass	
<i>Gahnia setifolia</i>	Cutty grass	
<i>Lepidosperma australe</i>		

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<i>Morelotia affinis</i>		
<i>Uncinia angustifolia</i>	Hook sedge, Matau	
<i>Uncinia banksii</i>	Hook sedge, Matau	
<i>Uncinia rupestris</i>	Hook sedge, Matau	
<i>Uncinia scabra</i>	Hook sedge, Matau	
<i>Uncinia uncinata</i>	Hook sedge, Matau	
<b>Rushes and allied plants (4)</b>		
<i>Juncus planifolius</i>		
<i>Luzula banksiana</i>		
<i>Luzula picta</i>		
<i>Luzula subclavata</i>		
<b>Monocotyledonous herbs, other than orchids, grasses, sedges, rushes and allied plants (10)</b>		
<i>Arthropodium cirratum</i>	Renga lily, Rengarenga	
<i>Astelia fragrans</i>		
<i>Astelia solandri</i>	Perching astelia	
<i>Collospermum hastatum</i>	Collospermum	
<i>Collospermum microspermum</i>		
<i>Dianella nigra</i>	Blue berry, Piopio	
<i>Libertia</i> aff. <i>grandiflora</i>		Enright & John 1998
<i>Libertia ixiooides</i>	Native iris, Mikoikoi	
<i>Phormium cookianum</i>	Flax	
<i>Phormium tenax</i>	Flax	Enright & John 1998
<b>Dicotyledonous herbs, Composites (8)</b>		
<i>Gnaphalium audax</i>	Cudweed	
<i>Gnaphalium involucreatum</i>		
<i>Helichrysum filicaule</i>		
<i>Lagenifera pumila</i>		
<i>Raoulia tenuicaulis</i>	Mat daisy, Tutahuna	
<i>Senecio glomeratus</i>	Woolly fireweed	
<i>Senecio hispidulus</i>		
<i>Senecio minimus</i>		
<b>Dicotyledonous herbs, other than composites (20)</b>		
<i>Acaena anserinifolia</i>	Bidibidi, Piripiri	
"Cardamine Glossy leaf"		
"Cardamine Long style"		
<i>Drosera peltata</i> subsp. <i>auriculata</i>	Sundew, Wahu	
<i>Epilobium alsinoides</i>	Willow herb	
<i>Epilobium nummularifolium</i>	Willow herb	
<i>Epilobium pubens</i>	Willow herb	

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<i>Epilobium rotundifolium</i>	Willow herb	
<i>Geranium microphyllum</i>	Geranium	
<i>Gonocarpus incanus</i>		
<i>Gonocarpus micranthus</i>		
<i>Haloragis erecta</i> subsp. <i>erecta</i>		
<i>Hydrocotyle moschata</i>		
<i>Hydrocotyle pterocarpa</i>		Moss, T.
<i>Linum monogynum</i> var. <i>monogynum</i>	True flax	
<i>Pelargonium inodurum</i>		
<i>Ranunculus macropus</i>		Clelland 1984
<i>Ranunculus reflexus</i>	Bush buttercup	
<i>Wahlenbergia colensoi</i>	New Zealand harebell and Bluebell	
<i>Wahlenbergia gracilis</i>	New Zealand harebell and Bluebell	