

Site name:

Person contacted:

Date-DMY

Recorded by:

From to

# 1 Rapid Ecological Assessment<sup>1</sup>

Wetland	<input type="checkbox"/> Seasonal <input type="checkbox"/> Permanent: Variability:      area(ha):      water level (m):	Days per year Inundation state: water surface (ha): water depth (m):
Fencing	4 No fencing 3 Some fencing (one side, large breaks) % 2 Mostly fenced (areas where stock access is likely) % 1 Secure, intact fencing around entire perimeter %	Notes:  Compare field assessment !
Animal/ Plant pest problems	<input type="checkbox"/> Plant Pests: <input type="checkbox"/> Animal Pests:	Notes:
Tenure:	4 Public property 3 Maori land 2 Private property 1 Leased	Date of occupancy:
Protection status	9 No legal - no managed protection (pest control) 8 Reserve (TLA) - no managed protection 7 Covenant (QEII) - no managed protection 6 Reserve (DoC) - no managed protection 5 No legal protection, but fenced and/ or pest controlled 4 Agreement, contract (RC) and managed protection 3 Reserve (TLA) managed protection 2 Covenant (QEII) and managed protection 1 Reserve (DoC) and managed protection	Year protected:  Area legally protected (ha):  Protection measures:
Matrix land-use	9 Dairying / Cropping 8 Sheep and Beef 7 Urban subdivisions 6 Garden; Parkland 5 Open space; Bare land; Recreation land 4 Fire climax forestry (Pinaceae; Myrtaceae) 3 Coastal Dunes 2 Permaculture tree lands; sustainable shelterwood forestry, planted natives 1 Indigenous forest / scrub	Production method: Organic / Conventional
Drainage	<input type="checkbox"/> Open drains      Depth (m) : <input type="checkbox"/> Tile, mole drains <input type="checkbox"/> Bores <input type="checkbox"/> Irrigation	Notes:
Artificial constr. around in-outflow	<input type="checkbox"/> Dams <input type="checkbox"/> Weirs <input type="checkbox"/> Culverts	Notes:  Compare field assessment !
Site visit	<input type="checkbox"/> Free access granted <input type="checkbox"/> Appointment made (see comments) <input type="checkbox"/> Access permit required <input type="checkbox"/> Call again for exact appointment <input type="checkbox"/> Access denied!	Comments:
Owner's comments: e.g. Efforts being made	<input type="checkbox"/> feedback requested	

<sup>1</sup> Preparatory assignment. Query GIS, ecosat, agribase, cadastral information, phone / email landowner. Obtain aerial photocopy, topographic sitemap.

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### 1.1 Ecosystem /Habitat

<b>Wetland type :</b>	<input type="checkbox"/> Coastal	<input type="checkbox"/> Estuarine	<input type="checkbox"/> Riverine	<input type="checkbox"/> Lacustrine	<input type="checkbox"/> Palustrine	<input type="checkbox"/> Artificial
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Code	Wooded / Treefern habitats A	Code	Grass, herb, moss habitats B	Code	Bare habitats C
1	Podocarp forest	20	Herbaceous wetland	40	Rocky coast
2	Broadleaved forest	21	Flaxland ( <i>Phormiaceae, Liliaceae, Iridaceae</i> )	41	Sand coast, Dunes
3	Beech forest	22	Reedland ( <i>Typha sp</i> )	42	Lagoon
4	Podocarp-broadleaved. forest	23	Sedgeland ( <i>Uncinia, Carex, Cyperaceae</i> )	43	River mouth
5	Podocarp-broadleaved-beech forest	24	Rushland ( <i>Restionaceae, Juncaceae, Pingao</i> )	44	River, Riverbed
6	Kanuka–Manuka forest ( <i>Kunzea Leptospermum</i> )	25	Grassland ( <i>Ammophila, Spinifex, Bush rice grass, Poaceae...</i> )	45	Lake
7	Fire climax ( <i>Pinus, Eucalyptus spp</i> )	26	Tall grasses>1m( <i>Cortaderia</i> )	46	Pond
8	Deciduous woodland	27	Tussockland ( <i>Chinochloa</i> )	47	Stream
9	Parkland (spaced plants)	28	Agricultural land (pasture, cropping)	48	Cliff, Bluff, Gorge
10	Wetland forest ( <i>Pukatea, Kahikatea, Swamp Maire</i> )	29	Saltmarsh ( <i>Leptocarpus similes, Sarcocornia, Juncus maritimus, Baumea junca, Cyperus ustulatus...</i> )	49	Rockland
11	Shrubland ( <i>Olearia, Hebe</i> )	30	Eelgrass meadows ( <i>Zostera</i> )	50	Stone/Gravel fields
12	Scrub (regen.)	31	Algae fields	51	Sand flats
13	Tree fern land ( <i>Cyathea, Dicksonia</i> )	32	Cushionfield	52	Mud flats
<b>D</b>	<b>Others</b>	33	Fernfield ( <i>Pteridium esculentum</i> )	53	Island
60	Roads, railways	34	Moss and Clubmossfield	54	Peatland
61	Urban subdivisions	35	Lichenfield		
62	Others	36	Herbfield		

#### Site Lay- Out

Unit: U, E or M <sup>2</sup>	Category: A, B, C or D	Code (1 to 62)	(tick if) Exotic	Planted / Wildings	Habitat area estimate <sup>3</sup>	Fencing <sup>4</sup>
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
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			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		
			<input type="checkbox"/>	P / W		

<sup>2</sup> Tessellated habitat types within site 'S' = Σ(U<sub>i</sub>, E<sub>i</sub>). U= Unit, E= Ecotone, M= Matrix. Define subunits if necessary (e.g. U<sub>1.1</sub>, U<sub>1.2</sub>, U<sub>1.3</sub> subunits of U1).  
<sup>3</sup> Habitat area estimate categories: **Z** > 1 km<sup>2</sup> (>100 ha or 1000x1000m); **Y** 100 ha-25ha (500x500m); **X** 25ha-10 ha (200x500m); **W** 10 ha-5 ha (200x250m); **V** 5 ha-1 ha (100x100m); **U** 1ha-1acre(=0.4ha or 40x100m); **T** 1acre-1/4 acre(20x50m); **S** 1/4 acre-town house (10x10m); **R** town house-dining room (5x5m); **Q** (< 5x5m).  
<sup>4</sup> **1** Secure intact fencing around entire perimeter. **2** Mostly fenced (areas where stock access is likely). **3** Some fencing (One side, large breaks). **4** No fencing.

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### 1.2 Climatic conditions during the visit

<b>Humidity</b>	Dry <input type="checkbox"/>	<b>Clouds</b>	Clear <input type="checkbox"/>	<b>Winds</b>	Calm <input type="checkbox"/>	<b>Temp (°C)</b>	Hot > 25 <input type="checkbox"/>
	Moist <input type="checkbox"/>		-1/3 Cumulus <input type="checkbox"/>		Light breeze (leaves) <input type="checkbox"/>		Very warm 20-25 <input type="checkbox"/>
	Mist <input type="checkbox"/>		-2/3 Cumulus <input type="checkbox"/>		Breeze (twigs) <input type="checkbox"/>		Warm 15-20 <input type="checkbox"/>
	Fog <input type="checkbox"/>		Cirrus <input type="checkbox"/>		Windy (branches) <input type="checkbox"/>		Cool 10 - 15 <input type="checkbox"/>
	Rain <input type="checkbox"/>		Alto stratus <input type="checkbox"/>		Storm (trees sway) <input type="checkbox"/>		Cold 1 - 10 <input type="checkbox"/>
			Stratus <input type="checkbox"/>				Frost < 0 <input type="checkbox"/>
	N-stratus <input type="checkbox"/>						

Tide Level (for Estuaries)	<input type="checkbox"/> Ongoing	<input type="checkbox"/> High	<input type="checkbox"/> Outgoing	<input type="checkbox"/> Low
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### 1.3 Photopoints

Mark photopoints on Aerial photo by cross. Peg placed at site: <input type="checkbox"/> Yes <input type="checkbox"/> No	Indicate direction of photographs taken by arrow. Photo of setup taken <input type="checkbox"/> Yes <input type="checkbox"/> No
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GPS ID	Photo		GPS E / N	Compass Bearing	Zoom
	No	Description			

Description of the site :

Comments



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### 1.5 Wetland Connectivity (surface water)

Inflow(s) <sup>7</sup>	N <sup>o</sup>	Perma nence <sup>8</sup>	Substrate <sup>9</sup>	Velocity <sup>10</sup>	Waterfalls <sup>11</sup>	Weirs <sup>11</sup>	Dams <sup>11</sup>	Culverts Perched <sup>12</sup>	Native fish migration barriers <sup>13</sup> :
	I <sub>1</sub>				H(m):	H(m):	H(m):	H(m):	Cat:.....No:
	I <sub>2</sub>				H(m):	H(m):	H(m):	H(m):	Cat:.....No:
	I <sub>3</sub>				H(m):	H(m):	H(m):	H(m):	Cat:.....No:
Comments :									

Outflow(s) <sup>7</sup>	N <sup>o</sup>	Perma nence <sup>8</sup>	Substrate <sup>9</sup>	Velocity <sup>10</sup>	Waterfalls <sup>14</sup>	Weirs <sup>14</sup>	Dams <sup>14</sup>	Culverts Perched <sup>12</sup>	Native fish migration barriers <sup>13</sup>
	O <sub>1</sub>				H(m):	H(m):	H(m):	H(m):	Cat:.....No:
	O <sub>2</sub>				H(m):	H(m):	H(m):	H(m):	Cat:.....No:
	O <sub>3</sub>				H(m):	H(m):	H(m):	H(m):	Cat:.....No:
Comments :									

### 1.6 Ecotone Intactness

#### Lakes and ponds

Habitat code	% of circumference	Ecotone width (m)	E.I. Score (1-6)

E.I scores :

Pristine (water to >100m native veg)	6
Natural (water to <100 m native veg)	5
Mainly native (water - native veg – exotics)	4
Intersected native (Water – exotics – native veg)	3
Mainly exotic (water-native veg ; exotics / pest exotics)	2
Exotic plant/ pests (water – exotics)	1

#### Rivers and streams

Left Bank (facing downstream)				Right Bank (facing downstream)			
Habitat code	% of length	Ecotone width (m)	E.I. Score (1-6)	Habitat code	% of length	Ecotone width (m)	E.I. Score (1-6)

<sup>7</sup> Identify (I<sub>x</sub> and O<sub>x</sub>) on the aerial photo (Arcpad GIS file).

<sup>8</sup> A = Reliable flow; B = Un-reliable flow, annual desiccation. C = Infrequent (high rainfall only)

<sup>9</sup> Name most to least common substrate type: **Rocks, Pebbles, SAnd, Silt; Mud.**

<sup>10</sup> **Fast** <3 sec/m. **Medium** 3-5sec/m ; **Slow** >5 sec/m.

<sup>11</sup> Show height of several barriers in order: Upstream from “inflow”.

<sup>12</sup> Culvert outlet: Perched more than 10 cm above water level is a permanent barrier to most native fish.

<sup>13</sup> Categories: A= No barriers; B = Barrier at low flows; C = Permanent barrier for most native fish.

<sup>14</sup> Show height of several barriers in order: Downstream from “outflow”.

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### 1.7 Fauna Presence Card

Birds: record native and exotic species within the habitat patch: give number (preferably) or tick.

Species	Seen	Heard	Other reports <sup>15</sup>	Unit(s)	Species	Seen	Heard	Other reports	Unit(s)
Australasian Gannet					Morepork				
Banded dotterel					Mute swan				
Banded rail					NZ dotterel				
Bar-tailed Godwit					Paradise Shelduck				
Bellbird					Peacock				
Bittern					Pheasant				
Black backed gull					Pied shag				
Black billed gull					Pied stilt				
Black shag					Pipit				
Black swan					Pukeko				
Blackbird					Red billed gull				
Black-fronted Dotterel					Red poll				
California quail					Robin				
Canada Goose					Rock (domest) Pigeon				
Caspian tern					Rook				
Cattle Egret					Royal Spoonbill				
Chaffinch					Scaup				
Coot					Shining cuckoo				
Cuckoo shining					Shoveller duck				
Dabchick					Silver eye				
Eastern Rosella					Skylark				
Falcon					Song thrush				
Fantail					Spotless crane				
Fernbird					Starling				
Goldfinch					Tomtit				
Greenfinch					Tui				
Grey duck					Turkey				
Grey Teal					Turnstone				
Grey warbler					Variable oystercatcher				
Harrier hawk					Welcome swallow				
Hedge sparrow					White Faced Heron				
House sparrow					White Heron				
Kereru					White-fronted tern				
Kingfisher					Whitehead				
Knot					Wrybill				
Little black shag					Yellowhammer				
Little shag					Wrybill				
Magpie									
Mallard duck					Others :				
Marsh crane									
Masked Lapwing									

#### Other Fauna (or birds if only signs are observed)

Species Name	Heard	Seen	Sign Observed (describe)	Other reports	Unit(s)

<sup>15</sup> Owner's observations (or other people). Try and report only reliable observations.

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## 1.8 Threats

### Plant Pests (See attached list)

Unit	Species	Height (m)	Abund. <sup>16</sup>		Distri bution <sup>17</sup>	Adult / juv ratio	Access to the site <sup>18</sup>	Description / comments
			Cat	%				
						% juv % ad		
						% juv % ad		
						% juv % ad		
						% juv % ad		
						% juv % ad		

### Animal threats (stock and / or wild pests)

Unit	Species	Impact				Current Management	Fencing <sup>19</sup>	Description / comments
		Nature of damage / threat <sup>20</sup>	Seriousness <sup>21</sup>	Area				
				Cat	%			
						Yes / no Nature:		
						Yes / no Nature:		
						Yes / no Nature:		
						Yes / no Nature:		

### Human Usages

Unit	Activity <sup>22</sup>	Impact				Current Management	Description / comments
		Nature of damage / threat	Seriousness	Area			
				Cat	%		
						Yes / no Nature:	
						Yes / no Nature:	
						Yes / no Nature:	
						Yes / no Nature:	

<sup>16</sup> Abundance by area category, number category or % of cover.

<sup>17</sup> **1** = One small patch; **2** = Locally scattered; **3** = Local patches; **4** = Scattered throughout; **5** = Patches throughout; **6** = Common throughout.

<sup>18</sup> **1** = Difficult access, several kilometres from roads, no easy helicopter landing sites; **2** = Several kilometres to road, but good helicopter landing site ; **3** = Short walk from 4WD access ; **4** = Short walk from road suitable for two-wheel drive ; **5** = Vehicle access right to the site

<sup>19</sup> **1** = Secure intact fencing around entire perimeter; **2** = Mostly fenced (all areas where stock access is likely; some small recent breaks); **3** = Some fencing (one side, poorly maintained or large breaks); **4** = No fencing.

<sup>20</sup> Examples: browsing, trampling, erosion, trees chopped, destruction of riparian cover, barriers to fish migration, birds disturbed on nesting sites....

<sup>21</sup> **1** = No evidence; **2** = signs; **3** = moderate; **4** = High; **5** = Major

<sup>22</sup> Examples: earthworks; rubbish dumping; waterways works; clearing; drainage; tramping; shooting; recreational vehicles...

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### 1.9 Recommended Management Priorities

Threats, Impacts	Site Management Plan				
	Priority <sup>16</sup>	Total mitigation	80 / 20 goal	Comments	
Cattle	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Sheep	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Goat	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Deer	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Rabbit, Hare	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Possum	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Predators (specify)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Human visitor impacts	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Plant pests: (Edge)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Plant pests: (Interior)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Extinction dept <sup>23</sup>	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Native regeneration failure <sup>24</sup>	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		
Other (specify)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/>	<input type="checkbox"/>		

Site Management strategy	Priority (1-3)	Contacts / Comments
Environmental education (VBA)		
Fencing (stock-control and regeneration space)		
Site plan (remediating pests; regeneration failure)		
Catchment plan (remediating extinction dept)		
Visitor Management		
Other		
Rapid ecological assessment of context (Baseline)		
Distance monitoring (Ecosystem function)		
Plot monitoring (Change)		

### 1.10 Owner comments

Environmental Awareness (EA) and Attitude (AT)	5	No EA, Confronting AT (Plan to clear bush; drain site)	Recommendation <sup>17</sup> / Comments:
	4	Some EA / Indifferent AT	
	3	Some EA / Co-operative AT	
	2	Good EA / Co-operative AT (interested in native ecosystem functions and sustainable farm production)	
	1	Good EA / positive AT (efforts already made and keen to enhance further)	
			<input type="checkbox"/> Confidentiality requested

<sup>16</sup> **1** = Immediate action required; **2** = Action required within 2 years; **3** = Action required within 5 years.

<sup>23</sup> Existing native populations are small and vulnerable (for example a few Matai; Rata; Robins)

<sup>24</sup> Space for native regeneration limited or threatened. Few juveniles despite an adult population

<sup>17</sup> e.g. Environmental Award, Environmental Grants, Environmental Education, Regulation



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## APPENDIX: Key plants provide shelter and food from autumn to early spring.

### Emergent Climbers /

#### Epiphytes

Kahikatea (*Dacdac*)  
Matai (*Prutax*)  
Miro (*Prufer*)  
Rimu (*Daccup*)  
Totara (*Podtot*)  
N. Rata (*Metrob*)  
Rewarewa (*Kniexc*)  
Rata vine (*Metful*)  
Supplejack (*Ripsca*)  
Mistletoes (*Ilemic; Pertet*)  
Shining broadleaf (*Griluc*)  
Perched lilies (*Astsp; Colhas*)

#### Canopy

Miro (*Prufer*)  
Titoki (*Aleexc*)  
Tawa (*Beitaw*)

Hinau (*Eladen*)  
Pokaka (*Elahoo*)  
Tree fuchsia (*Fucexc*)  
Pidgeon wood (*Hedarb*)  
Kohekohe (*Dysspe*)  
Five finger (*Psearb*)  
Maire (*Nesspp*)  
Rewarewa (*Kniexc*)  
Nikau (*Rhosap*)  
Beeches w. scale insect  
(*Notsol; Nottru*)

#### Sub-canopy/Edge

Miro (*Prufer*)  
Kaikomako (*Pencor*)  
Nikau (*Rhosap*)  
Broadleaf (*Grilit*)  
Kowhai (*Sopmic*)  
Tree fuchsia (*Fucexc*)  
Coprosma (*Copspp*)

5finger; Lancewds (*Psespp*)  
Kohuhu (*Pitten*)  
Lemonwood (*Piteug*)  
Cabbage trees (*Corspp*)  
Ngaio (*Myolae*)  
Marbleleaf (*Carser*)  
Wineberry (*Ariser*)

#### Ground

Regenerating key plants  
Kawakawa (*Macexc*)  
Mapau (*Myraus*)  
Poroporo (*Solavi*)  
Mingimingi (*Leufas; Cyasp*)  
Coprosma (*Copspp*)  
Pepper tree (*Pseaxi*)  
Korokia (*Alspus*)  
Karapapa (*Corspp*)  
Rohutu (*Lobobc*)  
Rhabdothamnus (*Rhasol*)

## WETLAND INDICATOR species

### Emergent

Kahikatea - *Dacrycarpus dacrydioides*  
Pukatea - *Laurelia novae-zealandiae*  
Swamp Maire - *Syzygium maire*  
Silver podocarp - *Lagarostrobos colensoi*  
Mountain cedar - *Libocedrus bidwillii*  
Kawaka - *Libocedrus plumosa*

Yellow podocarp - *Halocarpus biforme*  
Yellow silver podocarp - *Lepidothamnus intermedius*  
Silver podocarp (Manoa colensoi)  
Twiggy tree daisy - *Olearia virgata*  
Manuka - *Leptospermum scoparium*  
Cabbage tree - *Cordyline australis*  
Mountain cabbage tree - *Cordyline indivisa*

Dwarf cabbage tree - *Cordyline pumilo*

### Climbers / Epiphytes

Kowharawhara - *Astelia spp*  
Kahakaha - *Collospermum spp*

### Sub canopy

Kotukutuku (tree fuchsia) - *Fuchsia excorticata*  
*Coprosma rotundifolia*

## Grass and Herb swamps

### Emergent

*Carex secta*  
*Cortaderia toetoe*

### Canopy

*Phormium tenax*  
*Typha spp.*

*Carex virgata*  
*Scirpus lacustris*  
*Eleocharis sphacelata*  
*Juncus pallidus*  
*Carex geminata*  
*Hierochloa redolens*  
*Nertera balfouriana*

### Ground Floating /

#### Submerged

*Thelymitra venosa*

## Vegetated Peatlands

**Canopy**  
Bog podocarps (*Mancol; Lep int; Halbif*)  
*Myriophyllum pedunculatum*  
*Arbotanella caespitosa*  
*Celmisia graminifolia*  
*Oxalis lactea*

*Nertera balfouriana*  
**Ground Floating / Submerged**  
*Empodisma minus*  
*Leptocarpus similis*  
*Chinocloa rubra*  
*Droscera spathulata*  
*Droscera binata*

*Droscera arcturi*  
*Droscera stenopetala*  
*Corybas unguiculatus*  
*Donatia Novae-zealandiae*  
*Gleichnia dicarpa*  
*Sphagnum Lycopodium*

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## Plant Pest List

Status	Species		Status	Species	
	Common name	Scientific name		Common name	Scientific name
RCP	African Love Grass	Eragrostis curvula	CONT	Australian Sedge	Carex longebrachiata
RCP	Alligator weed	Alternanthera philoxeroides	CONT	Blackberry	Rubus fruticosus
RCP	Californian. Bullrush	Scheonoplectus californicus	CONT	Boneseed	Chrysanthemoides monilifera
RCP	Cathedral bells	Cobaea scandens	CONT	Broom	Cytisus scoparius
RCP	Chinese pennisetum	Pennisetum alopecuroides	CONT	Californian Thistle	Cirsium arvense
RCP	Dysophylla	Buddleja dysophylla	CONT	Gorse	Ulex europeaus
RCP	Evergreen Buckthorn	Rhamnus alaternus	CONT	Heather	Calluna vulgaris
RCP	Nassella Tussock	Nassella (or Stipa) trichotoma	CONT	Nodding Thistle	Carduus nutans
RCP	Purple Loosestrife	Lythrum salicaria	CONT	Old man's beard	Clematis vitalba
RCP	Pyp Grass	Ehrarta villosa	CONT	Perennial Nettle	Urtica dioica
RCP	Sagittaria	Sagittaria graminea ssp platiphylla	CONT	Plumeless Thistle	Carduus acanthoides
RCP	Senegal tea	Gymnocoronis spilanthoides	CONT	Ragwort	Senecio Jacoaea
			CONT	Variegated Thistle	Sylibum marianum
DCP	Spartina	Spartina spp	CONT	Wild ginger species:	
DCP	White Bryony	Bryonia cretica ssp dioica	CONT	Kahili Ginger	Hedychium gardnerianum
			CONT	Yellow Ginger	Hedychium flavescens
OCP	African Feather Grass	Pennisetum macrourum			
OCP	Pinus contorta	Pinus contorta	SURV	Banana passionfruit	Passiflora mollissima
OCP	Darwins Barberry	Berberis darwinii	SURV	Blue Morning Glory	Ipomoea indica
OCP	Woolly nightshade	Solanum mauritianum	SURV	Chilean Flame Creeper	Tropaelum speciosum
			SURV	Chilean Rhubarb	Gunnera tinctoria
SSP	Barberry	Berberis glaucocarpa	SURV	Climbing asparagus	Asparagus scandens
SSP	Bl.passion flower	Passiflora caerulea	SURV	Climbing spindleberry	Celastrus orbiculatus
SSP	Boxthorn	Lycium ferocissimus	SURV	Coastal Wattle / Sydney Golden Wattle	Acacia sophorae/ longifolia
SSP	Brush wattle	Paraserianthes lophantha	SURV	Egeria	Egeria Densa
SSP	Elder	Sambucus nigra	SURV	Grey Willow	Salix cinerea
SSP	Ivy	Hedera helix	SURV	Hornwort	Ceratophyllum demersum
SSP	Jap. Hon.suckle	Lonicera japonica	SURV	Japanes Walnut	Juglans ailantifolia
SSP	Jasmine	Jasminum polyanthum	SURV	Lagarosiphon	Lagarosiphon major
SSP	Pink Ragwort	Senecio glastifolius	SURV	Madeira vine	Anredera codifolia
SSP	Sycamore	Acer pseudoplatanus	SURV	Moth plant	Araujia sericifera
SSP	Wandering jew	Tradescantia fluminensis	SURV	Mugwort	Artemisia verlotiorum
			SURV	Nut Grass/Purple nutsedge	Cyperus rotundus
			SURV	Pampas & Purple Pamp.	Cortaderia selloana, C. jubata
			SURV	Parrot's Feather	Myriophyllum aquaticum

**RCP.**= Regional (Horizons.mw) Control Pest;

**DCP** = DoC Control Pest;

**OCP** = Occupier Control Pest;

**SSP** = Significant site pest;

**CONT** = Containment Pest;

**SURV** = Regional and National Surveillance Pest.

All plant pests in grey cells must be reported to Plant Pest Management Officers.