

5.2.1 Biodiversity

5.2.1.1 Purpose of the Code

The purpose of this code is to protect and enhance the Shire's ecosystems and the species they support in a manner that ensures their long term viability. In this regard, this code is intended to support the adopted Biodiversity Recovery Plan for Gatton and Laidley Shires, South-East Queensland 2003-2008.

5.2.1.2 Application of the Code

The provisions of this code apply to code or impact assessable development which is:

- a) material change of use for any purpose;
- b) building work;
- c) operational work; or
- d) reconfiguring a lot;

on land which is within or adjacent to a significant habitat area shown on Regulatory Map No. 1 – Significant Habitat Areas.

Significant habitat areas include areas of endangered regional ecosystems, of-concern regional ecosystems, and not of concern regional ecosystems which provide or potentially provide habitat for significant species, including threatened species, as well as wetland habitat areas.

Further information on the regional ecosystems and Gatton Shire vegetation map units applicable to each parcel can be obtained from Planning Scheme Policy No. 1 and the Gatton Shire Council Planning and Environment Department.

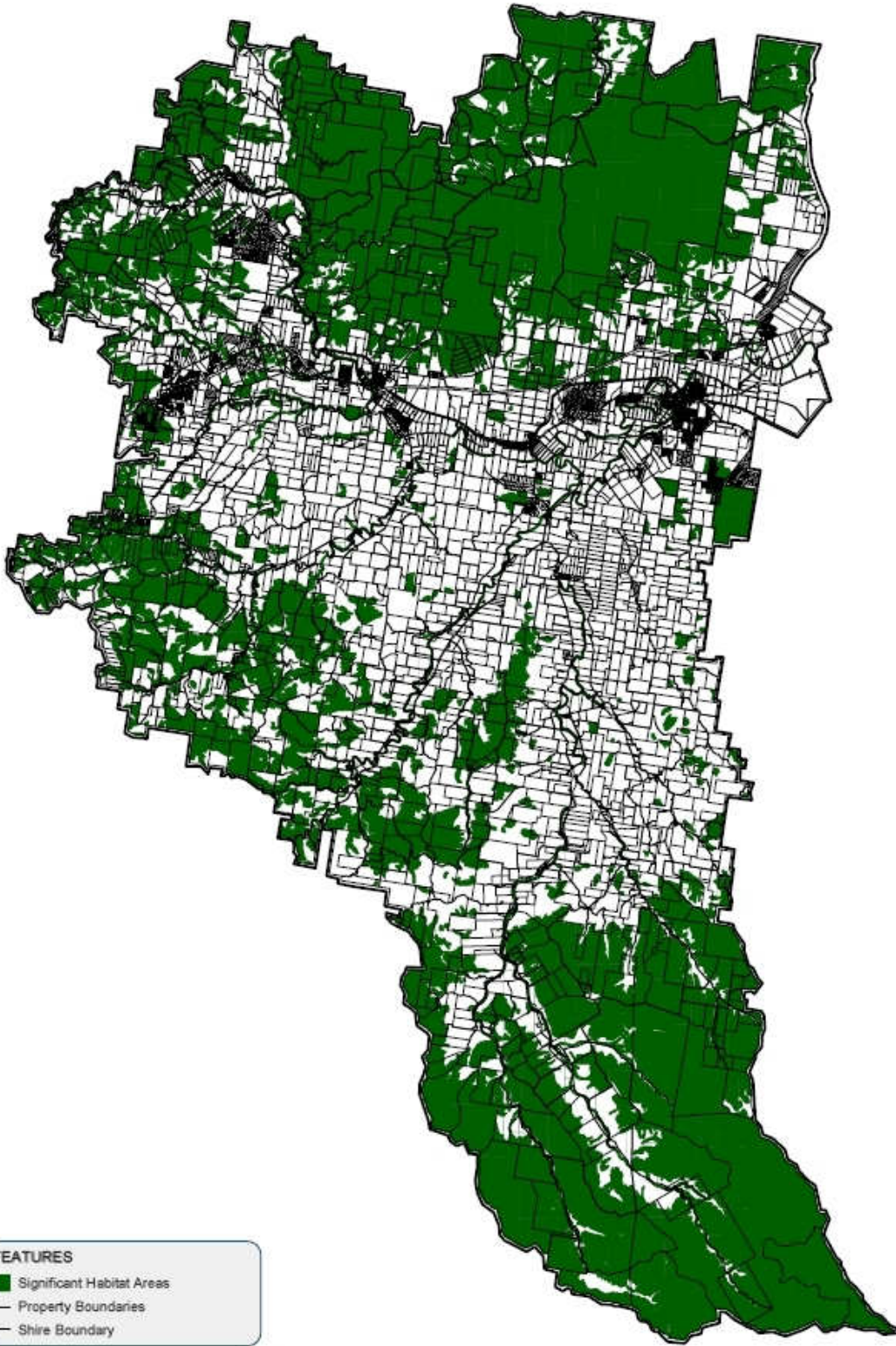
5.2.1.3 Performance Criteria and Acceptable Measures

Performance Criteria	Acceptable Measures
P1. Populations of significant species and their habitats and other identified significant habitat areas are retained, or where degraded, rehabilitated, and the impacts of development are minimized.	<p>A1.1 Known populations of significant species that occur in the area are conserved.</p> <p>A1.2 A comprehensive flora and fauna assessment and/or ecological assessment is undertaken to determine the conservation values of any ecologically significant vegetation and flora and fauna habitat on site.</p> <p>A1.3 An environmental management plan is prepared and implemented which addresses matters identified in Planning Scheme Policies Nos. 1 and 2.</p> <p>A1.4 Where applicable, a fire management plan is prepared as part of an environmental management plan, that demonstrates fire regimes suitable for conserving significant species and ecological communities.</p> <p>A1.5 Biodiversity assessment information accompanying applications is comprehensive, competent and adequate.</p>
P2. The relatively unfragmented nature of native vegetation areas is maintained.	<p>A2.1 Development occurs within existing cleared areas on a site.</p> <p>A2.2 There is no or minimal clearance of</p>

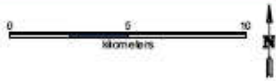
Performance Criteria	Acceptable Measures
	vegetation in identified significant habitat areas.
P3. Ecological corridors are identified and retained or re-established to maintain, improve or create connectivity between habitat areas and to allow wildlife movement between habitat areas.	<p>A3.1 Development does not occur in locations that would preclude or significantly diminish the retention or re-establishment of ecological corridors linking with identified significant habitat areas.</p> <p>A3.2 Degraded ecological corridors are rehabilitated or re-established.</p>
<p>P4. Development layout, planning and construction minimizes impacts on the edges of native vegetation ("edge effects") as a result of:</p> <p>a) garden plants that are potential bushland weeds;</p> <p>b) domestic animals that could prey on native wildlife;</p> <p>c) rubbish dumping that could cause pollution of habitat or pose a risk to wildlife that may forage rubbish for food;</p> <p>d) light pollution that may pose a risk to wildlife, in particular nocturnal wildlife;</p> <p>e) noise pollution that may pose a risk to wildlife; and</p> <p>f) vandalism that may pose a risk to native vegetation and wildlife.</p>	<p>A4.1 Appropriate separation or buffering is provided to minimise the impact of edge effects</p> <p>A4.2 Landscaping predominantly involves the use of native species typical of the particular ecosystem.</p> <p>A4.3 Landscaping does not involve any species known to invade or that could potentially invade significant habitat areas.</p> <p>A4.4 An environmental management plan is prepared and implemented which addresses measures to control edge effects.</p>
<p>P5. Development layout, planning and construction minimizes impacts on waterways and wetlands, with regard to:</p> <p>a) surface and ground water flow patterns of waterways and wetlands;</p> <p>b) the effects of siltation or pollution; and</p> <p>c) the wet/dry cycles of seasonally inundated (ephemeral) wetlands.</p>	<p>A5.1 Appropriate separation or buffering is provided to minimise impacts on waterways or wetlands.</p> <p>A5.2 Riparian or wetland vegetation and habitat is retained or, where in a degraded state, rehabilitated.</p> <p>A5.3 Specific management principles outlined in Planning Scheme Policy No 1. are implemented.</p>
P6. Significant habitat areas have secure protection.	A6.1 Significant habitat areas are subject to a conservation agreement (such as a Nature Refuge, Land for Wildlife or Statutory Covenant Agreement, refer Planning Scheme Policy No 2) or are transferred to community ownership or control (such as Council or community group trusteeship).

5.2.1.4 Matters Relevant to the Assessment of Alternative Solutions

- a) As listed in section 5.1.2.



- FEATURES**
- Significant Habitat Areas
 - Property Boundaries
 - Shire Boundary



OVERLAY MAP 1
BIODIVERSITY AREAS

DATE 17/06/2016 SHIRE OF PLAINFIELD ACTING 2016

PLANNING SCHEME POLICY No. 1

BIODIVERSITY

- (1) *In the planning scheme, overarching policy direction with regard to the protection of the natural environment is provided by Desired Environmental Outcome 2.1.1, which states:*
Gatton Shire's natural environment is protected, so that biodiversity, ecological processes and air, land and water quality are maintained.
- (2) The planning scheme incorporates several measures intended to support this desired environmental outcome, including:
 - (a) The identification of significant habitat areas on Regulatory Map No. 1, which include areas of endangered regional ecosystems, of-concern regional ecosystems, and regional ecosystems that are not of concern but provide, or potentially provide habitat for significant species, including threatened species, as well as wetland habitat areas (NOTE: You will need to refer to Council for advice on the regional ecosystems and Gatton Shire vegetation map units applicable to your land).
 - (b) The inclusion of the Biodiversity Code No. 5.2.1 to manage development in a way that protects and enhances the Shire's ecosystems and the species they support in a manner that ensures their long term viability.
- (3) This policy supports the implementation and interpretation of the Biodiversity Code, and is based on the recommendations contained in the *Biodiversity Recovery Plan for the Gatton and Laidley Shires South-East Queensland 2003-2008* and Appendix A and Appendix B to that Recovery Plan.

Council may adopt other, non-planning scheme, measures and incentives to support the objectives of the Biodiversity Code and the Recovery Plan, recognising that the clearance of native vegetation in Gatton and Laidley Shires is now at a very low level, with most landholders valuing and appreciating their native vegetation. In this context, the best outcomes will be achieved through cooperative processes that recognise the willingness of most landholders to conserve their native vegetation and the often very significant management costs involved.

(4) Regional ecosystem management principles

Land management activities and proposed development in Gatton Shire should respond to the regional ecosystem management principles identified in Schedules 1 and 2 to this policy and the significant habitat areas shown on Regulatory Map No.1.

More detailed vegetation descriptions for each of the Regional Ecosystems can be found in the *Gatton Shire Vegetation Mapping Report* (Grimshaw, 2000) and in the *Biodiversity Recovery Plan for the Gatton and Laidley Shires South-East Queensland 2003-2008* and Appendix A and Appendix B to that Recovery Plan. Further information can be obtained from the Gatton Shire Council Planning and Environment Department.

The management principles are the base measures that are considered necessary for the continued survival and progressive recovery of the significant species and ecological communities.

SCHEDULE 1: Regional Ecosystem Management Principles

- 1.1 Obtain Queensland Herbarium regional ecosystem mapping for the subject land. Consult with the Gatton Shire Council Planning and Environment Department to determine if updated Queensland Herbarium regional ecosystem mapping and corresponding regional ecosystem profiles have been produced. The most recent regional ecosystem profile update should be used.
- 1.2 From the Queensland Herbarium regional ecosystem mapping, identify which Regional Ecosystems are present on the subject land.
- 1.3 Refer to the relevant regional ecosystem profiles in Schedule 2 of this policy. Consult with the Gatton Shire Council Planning and Environment Department to determine if updated Queensland Herbarium regional ecosystem mapping and corresponding regional ecosystem profiles have been produced. The most recent regional ecosystem profile update should be used.
- 1.4 Consult the Vegetation mapping & assessment references given for each regional ecosystem, using the *Gatton Shire Vegetation Mapping Report* (Grimshaw 2000) and accompanying maps, and other references where given. For further information consult the Gatton Shire Council Planning and Environment Department.
- 1.5 Obtain significant species location records for the subject land from the Gatton Shire Council Planning and Environment Department and the Queensland Environmental Protection Agency (EPA)/Queensland Parks and Wildlife Service (QPWS).
- 1.6 Conserve known populations of the significant species listed for each regional ecosystem present on the subject land or parcel. Carry out surveys to identify any additional populations of the significant species and conserve these populations. If available, Council may issue fact sheets or other information materials to assist with significant species surveys and conservation.

The significant species listed for each regional ecosystem are the species that are known to utilise that regional ecosystem habitat within the Gatton Shire area. These species may or may not be present in patches of that regional ecosystem on a given property at a given time. However, the presence or absence of a particular species at any given time does not mean that it is not using the regional ecosystem habitat at other times. For example, a particular bird species may utilise several scattered patches of the same regional ecosystem habitat. It may be found in only one patch at a given time, but need all of the patches for its survival. In another example, a particular plant species may appear to be absent, but is actually present as seeds that will germinate after the next fire.

Any species shown as having a 'potential occurrence' has not been recorded in that regional ecosystem habitat within the Gatton Shire area, but is likely to be present.

For more detailed information in regard to the conservation of particular significant species, refer to *Descriptions, Habitat and Threats for the Significant Species and Ecological Communities of Gatton and Laidley Shires, South-East Queensland* (Appendix B to the Biodiversity Recovery Plan for Gatton and Laidley Shires, South-East Queensland 2003-2008). For further information consult the Gatton Shire Council Planning and Environment Department.

- 1.7** Determine if State and/or Commonwealth legislative requirements apply. The Queensland Department of Natural Resources, Mines and Energy administers State land clearing and other relevant legislation. Approval from the Commonwealth Government may also be required prior to carrying out activities which could impact on the habitat of any nationally listed threatened species. In the first instance consult the Gatton Shire Council Planning and Environment Department.
- 1.8** Prepare a property management plan that conserves the habitat of the significant species listed for each regional ecosystem. The property management plan should address:
- (a) Vegetation assessment reference information from the *Gatton Shire Vegetation Mapping Report* (Grimshaw 2000) and accompanying maps, and other references where given in Schedule 2. For further information consult the Gatton Shire Council Planning and Environment Department.
 - (b) Habitat and threat information from *Descriptions, Habitat and Threats for the Significant Species and Ecological Communities of Gatton and Laidley Shires, South-East Queensland* (Appendix B to the Biodiversity Recovery Plan for Gatton and Laidley Shires, South-East Queensland 2003-2008). For further information consult the Gatton Shire Council Planning and Environment Department.
 - (c) Appropriate land use and management, as identified in (a) *Land Use Planning Handbook for the Lockyer Catchment*, (b) *Living in the Lockyer - A Landholders Guide to Land, Water, Wildlife and Vegetation Management in the Lockyer Catchment and Surrounds* and (c) *Living in the Lockyer - Property Management Planning Kit*. For further information consult the Gatton Shire Council Planning and Environment Department.
 - (d) Appropriate fire regimes, as identified in the products and materials from the South-East Queensland Fire and Biodiversity Consortium. For further information consult the Gatton Shire Council Planning and Environment Department.
 - (e) Appropriate grazing practices, as identified in the CSIRO publication *Balancing Conservation and Production: Understanding and Using Landscape Thresholds in Property Planning*. For further information consult the Gatton Shire Council Planning and Environment Department.
 - (f) Appropriate timber harvesting and thinning practices. For further information consult the Queensland Department of Natural Resources, Mines and Energy.
 - (g) Actions for pest plant and animal control. For further information consult the Queensland Department of Natural Resources, Mines and Energy.
- 1.9** Where possible, protect significant habitat areas through a conservation agreement (such as a Nature Refuge, Land for Wildlife or Statutory Covenant Agreement, refer Planning Scheme Policy No 2) or transfer to community ownership or control (such as Council or community group trusteeship).

SCHEDULE 2: Regional Ecosystem Profiles

The regional ecosystem profiles in this schedule are compatible with Version 4.0 of the Queensland Herbarium regional ecosystem mapping.

Regional Ecosystem 12.3.2

Regional Ecosystem 12.3.2
Vegetation mapping & assessment references Gatton Shire map unit(s) 3d
Floristic description (constant characteristic species in bold type) <i>Eucalyptus pilularis</i> (Blackbutt), <i>Eucalyptus microcorys</i> (Tallow wood) ± <i>Eucalyptus tereticornis</i> , <i>Corymbia intermedia</i> , <i>Lophostemon confertus</i> , <i>Lophostemon suaveolens</i> , <i>Archontophoenix cunninghamiana</i> (occasional), <i>Callistemon viminalis</i> and rainforest tree and shrub species
General structure Extremely/very tall open forest/woodland
Significant RE status No concern at present
Significant plants <i>Macrozamia lucida</i> (Pineapple zamia)
Significant invertebrates Nil
Significant amphibians <i>Adelotus brevis</i> (Tusked frog)
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Phascolarctos cinereus</i> (Koala)

Regional Ecosystem 12.3.3

Regional Ecosystem 12.3.3
Vegetation mapping & assessment references Gatton Shire map unit(s) 3b, 3c
Floristic description (constant characteristic species in bold type) <i>Eucalyptus tereticornis</i> (Queensland blue gum, Forest red gum) ± <i>Eucalyptus crebra</i> ± <i>Corymbia citriodora</i> ± <i>Corymbia intermedia</i> ± <i>Angophora subvelutina/floribunda</i> ± <i>Corymbia clarksoniana</i> ± <i>Corymbia tessellaris</i>
General structure Grassy open forest to woodland
Significant RE status Endangered
Significant plants <i>Picris evae</i> (Hawk weed) (potential occurrence) <i>Stemmacantha australis</i> (Native thistle) (potential occurrence) <i>Thesium australe</i> (Thesium) (potential occurrence) <i>Wahlenbergia scopulicola</i> (A herb with no common name) (potential occurrence)
Significant invertebrates Nil
Significant amphibians <i>Adelotus brevis</i> (Tusked frog) <i>Cyclorana alboguttata</i> (Greenstripe frog) <i>Cyclorana brevipes</i> (Superb collared-frog) <i>Cyclorana verrucosa</i> (Warty water-holding frog, Rough frog) <i>Limnodynastes salmini</i> (Salmon-striped frog)
Significant reptiles Nil
Significant birds <i>Erythrorchis radiatus</i> (Red goshawk)
Significant mammals <i>Phascolarctos cinereus</i> (Koala)

Regional Ecosystem 12.3.7

Regional Ecosystem 12.3.7
Vegetation mapping & assessment references Gatton Shire map unit(s) 3a
Floristic description (constant characteristic species in bold type) <i>Eucalyptus tereticornis</i> (Queensland blue gum, Forest red gum), <i>Casuarina cunninghamiana</i> (River she-oak), <i>Callistemon viminalis</i> (Weeping bottlebrush) ± <i>Waterhousea floribunda</i> ± <i>Castanospermum australe</i> ± <i>Lomandra hystrix/longifolia</i> ± <i>Melaleuca bracteata</i> ± <i>Lophostemon suaveolens</i> ± <i>Maclura cochinchinensis</i>
General structure Shrubby open forest to woodland sometimes with closed understorey
Significant RE status No concern at present
Significant plants Nil
Significant invertebrates Nil
Significant amphibians <i>Adelotus brevis</i> (Tusked frog) <i>Cyclorana alboguttata</i> (Greenstripe frog) <i>Cyclorana brevipes</i> (Superb collared-frog) <i>Cyclorana verrucosa</i> (Warty water-holding frog, Rough frog) <i>Limnodynastes salmini</i> (Salmon-striped frog)
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl) <i>Rallus pectoralis</i> (Lewin's rail) <i>Rostratula benghalensis</i> (Painted snipe)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Phascolarctos cinereus</i> (Koala)

Regional Ecosystem 12.3.8 (and other wetland areas)

Regional Ecosystem 12.3.8 (and other wetland areas)
Vegetation mapping & assessment references <i>Lockyer Wetlands Directory</i> . For more information contact the Gatton Shire Council Planning and Environment Department.
Floristic description (constant characteristic species in bold type) Natural and artificial wetlands including Regional Ecosystem 12.3.8
General structure Natural and artificial wetlands
Significant RE status Of-concern (areas of Regional Ecosystem 12.3.8 only)
Significant plants <i>Brasenia schreberi</i> (Watershield) <i>Carex lophocarpa</i> (A sedge) <i>Cyperus gunnii</i> subsp. <i>novae-hollandiae</i> (Fleked flatsedge) <i>Cyperus squarrosus</i> (Bearded flatsedge) <i>Damasonium minus</i> (Starfruit) <i>Eryngium vesiculosum</i> (Prostrate blue devil) <i>Potamogeton pectinatus</i> (Sago pondweed)
Significant invertebrates Nil
Significant amphibians <i>Cyclorana alboguttata</i> (Greenstripe frog) <i>Cyclorana brevipes</i> (Superb collared-frog) <i>Cyclorana verrucosa</i> (Warty water-holding frog, Rough frog) <i>Limnodynastes salmini</i> (Salmon-striped frog)
Significant reptiles Nil
Significant birds <i>Accipiter novaehollandiae</i> (Grey goshawk) <i>Ephippiorhynchus asiaticus</i> (Black-necked stork) <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Falco hypoleucos</i> (Grey falcon) <i>Melithreptus gularis</i> (Black-chinned honeyeater) <i>Nettapus coromandelianus</i> (Cotton pygmy-goose) <i>Rallus pectoralis</i> (Lewin's rail) <i>Rostratula benghalensis</i> (Painted snipe) <i>Stictonetta naevosa</i> (Freckled duck)
Significant mammals Nil

Regional Ecosystem 12.3.11

Regional Ecosystem 12.3.11
Vegetation mapping & assessment references Gatton Shire map unit(s) 3e
Floristic description (constant characteristic species in bold type) <i>Eucalyptus tereticornis</i> (Queensland blue gum, Forest red gum), <i>Melaleuca quinquenervia</i> (Coastal paperbark) ± <i>Corymbia intermedia</i>
General structure Tall woodland to tall open forest
Significant RE status Of concern
Significant plants <i>Picris evae</i> (Hawk weed) (potential occurrence) <i>Thesium australe</i> (Thesium) (potential occurrence) <i>Wahlenbergia scopulicola</i> (A herb with no common name) (potential occurrence)
Significant invertebrates Nil
Significant amphibians <i>Adelotus brevis</i> (Tusked frog) <i>Cyclorana alboguttata</i> (Greenstripe frog) <i>Cyclorana brevipes</i> (Superb collared-frog) <i>Cyclorana verrucosa</i> (Warty water-holding frog, Rough frog) <i>Limnodynastes salmini</i> (Salmon-striped frog)
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk)
Significant mammals <i>Phascolarctos cinereus</i> (Koala)

Regional Ecosystem 12.5.1

Regional Ecosystem 12.5.1
Vegetation mapping & assessment references Gatton Shire map unit(s) 5c, 5d, 5e
Floristic description (constant characteristic species in bold type) <i>Corymbia trachyphloia</i> (Brown bloodwood), <i>Corymbia citriodora/henryi</i> (Spotted gum/Large-leaved spotted gum) ± <i>Eucalyptus helidonica</i> ± <i>Eucalyptus taurina</i> ± <i>Eucalyptus dura</i> ± <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i> ± <i>Corymbia gummifera</i> ± <i>Angophora woodsiana</i> ± <i>Eucalyptus planchoniana</i> ± <i>Lysicarpus angustifolius</i>
General structure Shrubby open forest to woodland
Significant RE status No concern at present
Significant plants <i>Acacia leichhardtii</i> (A shrub with no common name) <i>Caustis blakei</i> subsp. <i>macrantha</i> (Foxtails, 'Koala fern') <i>Eucalyptus helidonica</i> (Helidon Hills white mahogany) <i>Eucalyptus taurina</i> (Helidon Hills ironbark) <i>Grevillea quadricauda</i> (A shrub with no common name) <i>Grevillea singuliflora</i> (Single-flower grevillea) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence) <i>Leonema obtusifolium</i> (Helidon Hills phebalium) <i>Lysicarpus angustifolius</i> (Budgeroo) <i>Paspalidium grandispiculatum</i> (Helidon Hills panic) <i>Poranthera</i> sp. (Mt. Ballow G. Leiper AQ502886) (Mt. Beerwah poranthera)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles <i>Delma torquata</i> (Collared delma)
Significant birds <i>Erythrorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Phascolarctos cinereus</i> (Koala) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo) <i>Pseudomys novaehollandiae</i> (New Holland mouse)

Regional Ecosystem 12.5.6

Regional Ecosystem 12.5.6
Vegetation mapping & assessment references Gatton Shire map unit(s) 5a, 5b, 8c
Floristic description (constant characteristic species in bold type) <i>Eucalyptus pilularis (Blackbutt)</i> ± <i>Eucalyptus microcorys</i> ± <i>Eucalyptus helidonica</i> ± <i>Corymbia trachyphloia</i> ± <i>Corymbia intermedia</i> ± <i>Eucalyptus biturbinata</i> ± <i>Angophora woodsiana</i>
General structure Shrubby to grassy open forest
Significant RE status Endangered
Significant plants <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Accipiter novaehollandiae</i> (Grey goshawk) <i>Calyptorhynchus lathami</i> (Glossy black-cockatoo) <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl) <i>Tyto novaehollandiae</i> (Masked owl (southern subsp.))
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Phascolarctos cinereus</i> (Koala) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo) <i>Pseudomys novaehollandiae</i> (New Holland mouse)

Regional Ecosystem 12.8.1

Regional Ecosystem 12.8.1
Vegetation mapping & assessment references Gatton Shire map unit(s) 8h
Floristic description (constant characteristic species in bold type) <i>Eucalyptus saligna</i> (Sydney blue gum), <i>Eucalyptus campanulata</i> (New England blackbutt) ± <i>Eucalyptus eugenioides</i> ± <i>Eucalyptus laevopinea</i>
General structure Shrubby to grassy open forest
Significant RE status No concern at present
Significant plants <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence)
Significant invertebrates Nil
Significant amphibians <i>Litoria brevipalmata</i> (Green-thighed frog) (potential occurrence) <i>Litoria pearsoniana</i> (Cascade treefrog) (potential occurrence) <i>Mixophyes fleayi</i> (Fleay's barred-frog)
Significant reptiles <i>Coeranoscincus reticulatus</i> (Three-toed snake-toothed skink) <i>Hoplocephalus stephensii</i> (Stephen's banded snake) (potential occurrence)
Significant birds <i>Climacteris erythroptera</i> (Red-browed treecreeper) <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl) <i>Tyto tenebricosa</i> (Sooty owl) (potential occurrence)
Significant mammals <i>Chalinolobus dwyeri</i> (Large-eared pied bat) <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Kerivoula papuensis</i> (Golden-tipped bat) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo) <i>Pseudomys oralis</i> (Hasting's River mouse) (potential occurrence)

Regional Ecosystem 12.8.4

Regional Ecosystem 12.8.4
Vegetation mapping & assessment references Gatton Shire map unit(s) 8n
Floristic description (constant characteristic species in bold type) <i>Argyrodendron actinophyllum</i> (Black jack, Black booyong), <i>Sloanea woollsii</i> (Yellow carabeen), <i>Elaeocarpus kirtonii</i> (Silver quandong), <i>Ficus</i> spp. (Fig species), <i>Orites excelsa</i> (Prickly ash, White beefwood), <i>Dysoxylum fraseranum</i> (Rosewood, Rose mahogany), <i>Araucaria cunninghamii</i> (Hoop pine)
General structure Complex notophyll closed forest
Significant RE status No concern at present
Significant plants Nil
Significant invertebrates Nil
Significant amphibians <i>Kyarranus kundagungan</i> (Red-and-yellow mountain-frog) <i>Lechriodus fletcheri</i> (Black-soled frog) <i>Litoria brevipalmata</i> (Green-thighed frog) (potential occurrence) <i>Litoria pearsoniana</i> (Cascade treefrog) (potential occurrence) <i>Mixophyes fleayi</i> (Fleay's barred-frog)
Significant reptiles <i>Coeranoscincus reticulatus</i> (Three-toed snake-toothed skink) <i>Hoplocephalus stephensii</i> (Stephen's banded snake) (potential occurrence)
Significant birds <i>Accipiter novaehollandiae</i> (Grey goshawk) <i>Atrichornis rufescens</i> (Rufous scrub-bird) (potential occurrence) <i>Cyclopsitta diopthalma coxeni</i> (Coxen's fig-parrot) (potential occurrence) <i>Menura alberti</i> (Albert's lyrebird) <i>Podargus ocellatus plumiferous</i> (Plumed frogmouth) (potential occurrence) <i>Tyto tenebricosa</i> (Sooty owl) (potential occurrence)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Kerivoula papuensis</i> (Golden-tipped bat)

Regional Ecosystem 12.8.9

Regional Ecosystem 12.8.9
Vegetation mapping & assessment references Gatton Shire map unit(s) 8e
Floristic description (constant characteristic species in bold type) <i>Lophostemon confertus</i> (Brush box) ± (<i>Eucalyptus tereticornis</i> , <i>Eucalyptus biturbinata</i> , <i>Eucalyptus eugenioides</i> , <i>Eucalyptus melliodora</i> , emergents) ± <i>Allocasuarina torulosa</i> , with mixed rainforest/riparian species and fern species
General structure Tall open forest
Significant RE status Of concern
Significant plants <i>Hibbertia monticola</i> (potential occurrence)
Significant invertebrates Nil
Significant amphibians <i>Kyarranus kundagungan</i> (Red-and-yellow mountain-frog) <i>Lechriodus fletcheri</i> (Black-soled frog) <i>Litoria brevipalmata</i> (Green-thighed frog) (potential occurrence) <i>Litoria pearsoniana</i> (Cascade treefrog) (potential occurrence) <i>Mixophyes fleayi</i> (Fleay's barred-frog)
Significant reptiles <i>Coeranoscincus reticulatus</i> (Three-toed snake-toothed skink) <i>Hoplocephalus stephensii</i> (Stephen's banded snake) (potential occurrence)
Significant birds <i>Calyptorhynchus lathami</i> (Glossy black-cockatoo) <i>Climacteris erythroptera</i> (Red-browed treecreeper) <i>Cyclopsitta diophthalma coxeni</i> (Coxen's fig-parrot) (potential occurrence) <i>Menura alberti</i> (Albert's lyrebird) <i>Podargus ocellatus plumiferous</i> (Plumed frogmouth) (potential occurrence) <i>Tyto tenebricosa</i> (Sooty owl) (potential occurrence)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Kerivoula papuensis</i> (Golden-tipped bat) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo) <i>Pseudomys oralis</i> (Hasting's River mouse) (potential occurrence)

Regional Ecosystem 12.8.14

Regional Ecosystem 12.8.14
Vegetation mapping & assessment references Gatton Shire map unit(s) 8a, 8b, 8c, 8i
Floristic description (constant characteristic species in bold type) <i>Eucalyptus eugenioides</i> (Thin-leaved stringybark, White stringybark), <i>Eucalyptus biturbinata</i> (Grey gum), <i>Eucalyptus melliodora</i> (Yellow box, Honey box), <i>Eucalyptus tereticornis</i> (Queensland blue gum, Forest red gum) ± <i>Eucalyptus crebra</i> ± <i>Angophora floribunda/subvelutina</i> ± <i>Eucalyptus quadrangulata</i> ± <i>Allocasuarina torulosa</i>
General structure Grassy open forest
Significant RE status No concern at present
Significant plants <i>Bothriochloa bunyensis</i> (Bunya bluegrass) <i>Dichanthium setosum</i> (Bristly bluegrass) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence) <i>Picris evae</i> (Hawk weed) (potential occurrence) <i>Stemmacantha australis</i> (Native thistle) (potential occurrence) <i>Wahlenbergia scopulicola</i> (A herb with no common name) (potential occurrence)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles <i>Hoplocephalus stephensii</i> (Stephen's banded snake) (potential occurrence)
Significant birds <i>Calyptorhynchus lathami</i> (Glossy black-cockatoo) <i>Climacteris erythropters</i> (Red-browed treecreeper) <i>Dasyornis brachypterus</i> (Eastern bristlebird) (potential occurrence) <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl) <i>Xanthomyza phrygia</i> (Regent honeyeater)
Significant mammals <i>Chalinolobus dwyeri</i> (Large-eared pied bat) <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Phascolarctos cinereus</i> (Koala) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo) <i>Pseudomys novaehollandiae</i> (New Holland mouse) <i>Pseudomys oralis</i> (Hasting's River mouse) (potential occurrence)

Regional Ecosystem 12.8.16

Regional Ecosystem 12.8.16
Vegetation mapping & assessment references Gatton Shire map unit(s) 8k
Floristic description (constant characteristic species in bold type) <i>Eucalyptus albens</i> (White box), <i>Eucalyptus crebra</i> (Narrow-leaved ironbark) ± <i>Eucalyptus tereticornis</i> ± <i>Eucalyptus melliodora</i> ± <i>Eucalyptus melanophloia</i> ± <i>Angophora floribunda</i> ± <i>Corymbia clarksoniana</i>
General structure Grassy woodland
Significant RE status No concern at present
Significant plants <i>Callitris baileyi</i> (Bailey's cypress pine) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles <i>Hoplocephalus stephensii</i> (Stephen's banded snake) (potential occurrence)
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl) <i>Tyto novaehollandiae</i> (Masked owl (southern subsp.)) <i>Xanthomyza phrygia</i> (Regent honeyeater)
Significant mammals <i>Chalinolobus dwyeri</i> (Large-eared pied bat) <i>Chalinolobus picatus</i> (Little pied bat) <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Phascolarctos cinereus</i> (Koala) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo) <i>Pseudomys oralis</i> (Hasting's River mouse) (potential occurrence)

Regional Ecosystem 12.8.17

Regional Ecosystem 12.8.17
Vegetation mapping & assessment references Gatton Shire map unit(s) 8d
Floristic description (constant characteristic species in bold type) <i>Eucalyptus crebra</i> (Narrow-leaved ironbark), <i>Eucalyptus melanophloia</i> (Silver leaf ironbark, Broad leaf ironbark) ± <i>Corymbia clarksoniana</i> ± <i>Corymbia tessellaris</i> ± <i>Eucalyptus tereticornis</i> ± <i>Angophora floribunda</i> ± <i>Eucalyptus melliodora</i> ± <i>Brachychiton populneus</i>
General structure Grassy woodland
Significant RE status No concern at present
Significant plants <i>Callitris baileyi</i> (Bailey's cypress pine) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence) <i>Picris evae</i> (Hawk weed) (potential occurrence) <i>Stemmacantha australis</i> (Native thistle) <i>Wahlenbergia scopulicola</i> (A herb with no common name) (potential occurrence)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles <i>Hoplocephalus stephensii</i> (Stephen's banded snake) (potential occurrence)
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl) <i>Tyto novaehollandiae</i> (Masked owl (southern subsp.))
Significant mammals <i>Chalinolobus dwyeri</i> (Large-eared pied bat) <i>Chalinolobus picatus</i> (Little pied bat) <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Phascolarctos cinereus</i> (Koala) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo) <i>Pseudomys novaehollandiae</i> (New Holland mouse) <i>Pseudomys oralis</i> (Hasting's River mouse) (potential occurrence)

Regional Ecosystem 12.8.19

Regional Ecosystem 12.8.19
Vegetation mapping & assessment references Gatton Shire map unit(s) 8j
Floristic description (constant characteristic species in bold type) Heterogeneous mix of trees (stunted), shrubs, forbs and grasses including <i>Eucalyptus tereticornis</i> (Queensland blue gum, Forest red gum), <i>Eucalyptus melliodora</i> (Yellow box, Honey box), <i>Angophora floribunda</i> (Rough barked apple), <i>Acacia</i> spp., <i>Bursaria spinosa</i> var. <i>macrophylla</i> , <i>Xanthorrhoea glauca</i> , <i>Hovea</i> spp., <i>Doryanthes palmeri</i> , <i>Cassinia</i> spp., <i>Pimelia linifolia</i> , <i>Plectranthus graveolens</i> , <i>Sorghum leiocladum</i> , <i>Poa</i> spp., <i>Themeda triandra</i> , <i>Asperula conferta</i> etc.
General structure Mid-high woodland/ open woodland or tall shrubland
Significant RE status Of concern
Significant plants <i>Bothriochloa bunyensis</i> (Bunya bluegrass) <i>Dichanthium setosum</i> (Bristly bluegrass) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence) <i>Picris evae</i> (Hawk weed) (potential occurrence) <i>Stemmacantha australis</i> (Native thistle) (potential occurrence) <i>Wahlenbergia scopulicola</i> (A herb with no common name) (potential occurrence)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Petrogale penicillata</i> (Brush-tailed rock wallaby) <i>Pseudomys novaehollandiae</i> (New Holland mouse) <i>Pseudomys oralis</i> (Hasting's River mouse) (potential occurrence)

Regional Ecosystem 12.8.21

Regional Ecosystem 12.8.21
Vegetation mapping & assessment references Gatton Shire map unit(s) 8m
Floristic description (constant characteristic species in bold type) <i>Brachychiton rupestris</i> (Narrow-leaved bottletree), <i>Flindersia australis</i> (Crow's ash), <i>Flindersia collina</i> (Broad-leaved leopard tree), <i>Vitex lignumvitae</i> (Lignum vitae), <i>Elatostachys xylocarpa</i> (White tamarind), <i>Ficus</i> spp. (Fig species), <i>Dendrocnide excelsa</i> (Giant stinging tree), <i>Arytera foveolata</i> (Pitted coogera) ± <i>Pouteria cotinifolia</i> var. <i>cotinifolia</i> ± <i>Erythroxylum australe</i> (<i>Araucaria cunninghamii</i> absent in Gatton & Laidley Shires)
General structure Microphyll closed forest to semi-evergreen vine thicket sometimes on boulder scree
Significant RE status Endangered
Significant plants <i>Clematis fawcettii</i> (A woody climber with no common name) <i>Floydia praealta</i> (Ball nut, Opossum nut) (potential occurrence) <i>Sarcochilus dilatatus</i> (A small epiphyte with no common name)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles <i>Hoplocephalus stephensii</i> (Stephen's banded snake) (potential occurrence)
Significant birds <i>Cyclopsitta diophthalma coxeni</i> (Coxen's fig-parrot) (potential occurrence) <i>Tyto tenebricosa</i> (Sooty owl) (potential occurrence)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Petrogale penicillata</i> (Brush-tailed rock wallaby)

Regional Ecosystem 12.9/10.2

Regional Ecosystem 12.9/10.2
Vegetation mapping & assessment references Gatton Shire map unit(s) 9a, 9c
Floristic description (constant characteristic species in bold type) <i>Corymbia citriodora/henryi</i> (Spotted gum/Large-leaved spotted gum), <i>Eucalyptus crebra</i> (Narrow-leaved ironbark) ± <i>Angophora leiocarpa</i> ± <i>Corymbia intermedia</i> ± <i>Eucalyptus tereticornis</i> ± <i>Eucalyptus carnea</i> ± <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i> ± <i>Eucalyptus tindaliae</i> ± <i>Eucalyptus major</i>
General structure Shrubby open forest to woodland
Significant RE status No concern at present
Significant plants <i>Callistemon formosus</i> (White cliff bottlebrush) <i>Mentha grandiflora</i> (Gorge pennyroyal) <i>Triplarina bancroftii</i> (A shrub with no common name)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Lathamus discolor</i> (Swift parrot) <i>Lophoictinia isura</i> (Square-tailed kite) <i>Melithreptus gularis</i> (Black-chinned honeyeater) <i>Ninox strenua</i> (Powerful owl) <i>Psephotus pulcherrimus</i> (Paradise parrot) (potential occurrence)
Significant mammals <i>Chalinolobus picatus</i> (Little pied bat) <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.9/10.3

Regional Ecosystem 12.9/10.3
Vegetation mapping & assessment references Gatton Shire map unit(s) 9d
Floristic description (constant characteristic species in bold type) <i>Eucalyptus moluccana</i> (Gum topped box, Grey box) ± <i>Corymbia citriodora</i> ± <i>Eucalyptus crebra</i> ± <i>Eucalyptus tereticornis</i> ± <i>Eucalyptus carnea</i> ± <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i> ± <i>Eucalyptus major</i>
General structure Grassy sometimes shrubby open forest
Significant RE status Of concern
Significant plants <i>Acacia blakei</i> subsp. <i>diphylla</i> (Blake's wattle) <i>Acacia montana</i> (A shrub with no common name) <i>Bertya opposens</i> (Broad-leaved Bertya) <i>Callistemon formosus</i> (White cliff bottlebrush) <i>Eucalyptus sideroxylon</i> (Mugga, red ironbark)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Melithreptus gularis</i> (Black-chinned honeyeater) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.9/10.5

Regional Ecosystem 12.9/10.5
Vegetation mapping & assessment references Gatton Shire map unit(s) 9b, 9f, 10a, 10b, 10c
Floristic description (constant characteristic species in bold type) <i>Eucalyptus helidonica</i> (Helidon Hills white mahogany), <i>Corymbia trachyphloia</i> (Brown bloodwood), <i>Corymbia citriodora</i> (Spotted gum), <i>Eucalyptus taurina</i> (Helidon Hills ironbark) ± <i>Lysicarpus angustifolius</i>
General structure Shrubby open forest to woodland
Significant RE status No concern at present
Significant plants <i>Acacia leichhardtii</i> (A shrub with no common name) <i>Allocasuarina inophloia</i> (Thready (Woolly)-barked oak) <i>Bertya</i> sp. (Helidon Hills G. Leiper AQ457013) (A shrub with no common name) <i>Caustis blakei</i> subsp. <i>macrantha</i> (Foxtails, 'Koala fern') <i>Eucalyptus helidonica</i> (Helidon Hills white mahogany) <i>Eucalyptus taurina</i> (Helidon Hills ironbark) <i>Gahnia clarkei</i> (Tall sawsedge) <i>Grevillea quadricauda</i> (A shrub with no common name) <i>Grevillea singuliflora</i> (Single-flower grevillea) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence) <i>Leionema obtusifolium</i> (Helidon Hills phebalium) <i>Leptospermum lamellatum</i> (A shrub with no common name) <i>Lysicarpus angustifolius</i> (Budgeroo) <i>Melastoma affine</i> (Blue tongue) <i>Paspalidium grandispiculatum</i> (Helidon Hills panic) <i>Poranthera</i> sp. (Mt Ballow G. Leiper AQ502886) (Mt. Beerwah poranthera)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles <i>Delma torquata</i> (Collared delma)
Significant birds <i>Calyptorhynchus lathami</i> (Glossy black-cockatoo) <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Lophoictinia isura</i> (Square-tailed kite) <i>Ninox strenua</i> (Powerful owl) <i>Tyto novaehollandiae</i> (Masked owl (southern subsp.))
Significant mammals <i>Chalinolobus picatus</i> (Little pied bat) <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Petrogale penicillata</i> (Brush-tailed rock wallaby) <i>Pseudomys novaehollandiae</i> (New Holland mouse)

Regional Ecosystem 12.9/10.6

Regional Ecosystem 12.9/10.6
Vegetation mapping & assessment references Gatton Shire map unit(s) 9j
Floristic description (constant characteristic species in bold type) <i>Acacia harpophylla (Brigalow)</i> ± <i>Casuarina cristata</i> ± <i>Brachychiton rupestris</i> ± <i>Acacia fasciculifera</i> ± <i>Alectryon diversifolius</i> ± <i>Santalum lanceolatum</i> ± <i>Carissa ovata</i>
General structure Open forest
Significant RE status Endangered
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.9/10.7

Regional Ecosystem 12.9/10.7
Vegetation mapping & assessment references Gatton Shire map unit(s) 9h
Floristic description (constant characteristic species in bold type) <i>Eucalyptus crebra</i> (Narrow-leaved ironbark) ± <i>Eucalyptus melanophloia</i> ± <i>Eucalyptus tereticornis</i> ± <i>Corymbia tessellaris</i> ± <i>Corymbia clarksoniana</i> ± <i>Allocasuarina luehmannii</i>
General structure Grassy woodland (sometimes with vine thicket understorey)
Significant RE status Of concern
Significant plants <i>Callitris baileyi</i> (Bailey's cypress pine) <i>Grevillea quadricauda</i> (A shrub with no common name) <i>Stemmacantha australis</i> (Native thistle) (potential occurrence)
Significant invertebrates Nil
Significant amphibians <i>Cyclorana alboguttata</i> (Greenstripe frog) <i>Cyclorana brevipes</i> (Superb collared-frog) <i>Cyclorana verrucosa</i> (Warty water-holding frog, Rough frog) <i>Limnodynastes salmini</i> (Salmon-striped frog)
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Geophaps scripta scripta</i> (Squatter pigeon (southern subsp.)) <i>Lathamus discolor</i> (Swift parrot) <i>Lophoictinia isura</i> (Square-tailed kite) <i>Neophema pulchella</i> (Turquoise parrot) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.9/10.14

Regional Ecosystem 12.9/10.14
Vegetation mapping & assessment references Gatton Shire map unit(s) 10d
Floristic description (constant characteristic species in bold type) <i>Eucalyptus pilularis (Blackbutt)</i> ± <i>Corymbia trachyphloia</i> ± <i>Eucalyptus helidonica</i> ± <i>Angophora woodsiana</i> ± <i>Eucalyptus microcorys</i> ± <i>Syncarpia verecunda</i> ± <i>Corymbia intermedia</i> ± <i>Allocasuarina torulosa</i>
General structure Shrubby to grassy open forest
Significant RE status No concern at present
Significant plants <i>Eucalyptus helidonica</i> (Helidon Hills white mahogany) <i>Gahnia clarkei</i> (Tall sawsedge) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence) <i>Macrozamia lucida</i> (Pineapple zamia) <i>Melastoma affine</i> (Blue tongue) <i>Rubus probus</i> (A native raspberry)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Accipiter novaehollandiae</i> (Grey goshawk) <i>Calyptorhynchus lathami</i> (Glossy black-cockatoo) <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl) <i>Tyto novaehollandiae</i> (Masked owl (southern subsp.))
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.9/10.15

Regional Ecosystem 12.9/10.15
Vegetation mapping & assessment references Gatton Shire map unit(s) 9i
Floristic description (constant characteristic species in bold type) <i>Flindersia australis</i> (Crow's ash), <i>Flindersia collina</i> (Broad-leaved leopard tree), <i>Brachychiton rupestris</i> (Narrow-leaved bottle tree), <i>Acacia fasciculifera</i> (Rosewood), <i>Ficus spp.</i> (Fig species) ± <i>Flindersia xanthoxyla</i> ± <i>Vitex lignumvitae</i> ± <i>Excoecaria dallachyana</i> ± <i>Pouteria cotinifolia</i> var. <i>cotinifolia</i> ± <i>Bursaria incana</i> ± <i>Croton insularis</i> ± <i>Drypetes deplanchei</i> ± <i>Owenia venosa</i> ± <i>Secamone elliptica</i>
General structure Microphyll closed forest to semi-evergreen vine thicket
Significant RE status Endangered
Significant plants <i>Eucalyptus melanoleuca</i> (Yarraman ironbark) <i>Floydia praealta</i> (Ball nut, Opossum nut) (potential occurrence) <i>Sarcochilus dilatatus</i> (A small epiphyte with no common name)
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Cyclopsitta diophthalma coxeni</i> (Coxen's fig-parrot) (potential occurrence) <i>Turnix melanogaster</i> (Black-breasted button-quail)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.9/10.19

Regional Ecosystem 12.9/10.19
Vegetation mapping & assessment references Gatton Shire map unit(s) 9f, 9g
Floristic description (constant characteristic species in bold type) <i>Corymbia citriodora/henryi</i> (Spotted gum/Large-leaved spotted gum) , ± <i>Eucalyptus crebra</i> ± <i>Angophora woodsiana</i> ± <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i> ± <i>Eucalyptus major</i>
General structure Shrubby open forest to woodland
Significant RE status No concern at present
Significant plants <i>Acacia blakei</i> subsp. <i>diphylla</i> (Blake's wattle) <i>Acacia montana</i> (A shrub with no common name) <i>Allocasuarina inophloia</i> (Thready (Woolly)-barked oak) <i>Bertya opposens</i> (Broad-leaved Bertya) <i>Boronia splendida</i> (Splendid Boronia) <i>Callistemon formosus</i> (White cliff bottlebrush) <i>Eucalyptus bakeri</i> (Baker's mallee) <i>Eucalyptus melanoleuca</i> (Yarraman ironbark) <i>Eucalyptus sideroxylon</i> (Mugga, red ironbark) <i>Grevillea quadricauda</i> (A shrub with no common name) <i>Hibbertia monticola</i> (Mountain guinea flower) (potential occurrence) <i>Melaleuca groveana</i> (Grove's paperbark) <i>Mentha grandiflora</i> (Gorge pennyroyal) <i>Sophora fraseri</i> (Brush sophora) <i>Triodia</i> sp. (Porcupine grass, Spinifex) (potential occurrence)
Significant invertebrates <i>Nesolycaena albosericea</i> (Satin (blue) opal butterfly) (potential occurrence)
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Calyptorhynchus lathami</i> (Glossy black-cockatoo) <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Lophoictinia isura</i> (Square-tailed kite) <i>Ninox strenua</i> (Powerful owl) <i>Tyto novaehollandiae</i> (Masked owl (southern subsp.))
Significant mammals <i>Chalinolobus picatus</i> (Little pied bat) <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Petrogale penicillata</i> (Brush-tailed rock wallaby) <i>Pseudomys novaehollandiae</i> (New Holland mouse)

Regional Ecosystem 12.11.3

Regional Ecosystem 12.11.3
Vegetation mapping & assessment references Gatton Shire map unit(s) 11c
Floristic description (constant characteristic species in bold type) <i>Eucalyptus pilularis</i> (Blackbutt) ± <i>Corymbia citriodora/henryi</i> ± <i>Eucalyptus biturbinata</i> ± <i>Eucalyptus microcorys</i>
General structure Very tall open forest
Significant RE status No concern at present
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.11.5

Regional Ecosystem 12.11.5
Vegetation mapping & assessment references Gatton Shire map unit(s) 11a
Floristic description (constant characteristic species in bold type) <i>Corymbia citriodora/henryi</i> (Spotted gum/Coarse spotted gum), <i>Eucalyptus crebra</i> ± <i>Corymbia intermedia</i> ± <i>Eucalyptus major</i> ± <i>Eucalyptus melanophloia</i> ± <i>Eucalyptus tereticornis</i> ± <i>Eucalyptus microcorys</i> ± <i>Eucalyptus biturbinata</i> ± <i>Eucalyptus carnea</i> ± <i>Eucalyptus eugenioides</i> ± <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i>
General structure Tall woodland to tall open forest
Significant RE status No concern at present
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.11.6

Regional Ecosystem 12.11.6
Vegetation mapping & assessment references Gatton Shire map unit(s) 11d
Floristic description (constant characteristic species in bold type) <i>Eucalyptus tereticornis</i> (Queensland blue gum, Forest red gum), <i>Eucalyptus crebra</i> (Narrow-leaved ironbark) ± <i>Angophora subvelutina</i> ± <i>Eucalyptus melanophloia</i> ± <i>Corymbia intermedia</i>
General structure Very tall open forest/woodland
Significant RE status No concern at present
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo)

Regional Ecosystem 12.11.9

Regional Ecosystem 12.11.9
Vegetation mapping & assessment references Gatton Shire map unit(s) 11b
Floristic description (constant characteristic species in bold type) <i>Eucalyptus tereticornis</i> (Queensland blue gum, Forest red gum), <i>Eucalyptus crebra</i> (Narrow-leaved ironbark) ± <i>Angophora subvelutina</i> ± <i>Eucalyptus melanophloia</i> ± <i>Corymbia intermedia</i> ± <i>Eucalyptus biturbinata</i> ± <i>Eucalyptus eugenioides</i> ± <i>Eucalyptus melliodora</i> ± <i>Allocasuarina torulosa</i>
General structure Very tall open forest/woodland
Significant RE status Of concern
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence) <i>Potorous tridactylus tridactylus</i> (Long-nosed potoroo)

Regional Ecosystem 12.12.3

Regional Ecosystem 12.12.3
Vegetation mapping & assessment references Gatton Shire map unit(s) 11a
Floristic description (constant characteristic species in bold type) <i>Corymbia citriodora/henryi</i> (Spotted gum/Coarse spotted gum), <i>Eucalyptus crebra</i> (Narrow-leaved ironbark) ± <i>Corymbia intermedia</i> ± <i>Eucalyptus major</i> ± <i>Eucalyptus melanophloia</i> ± <i>Eucalyptus tereticornis</i> ± <i>Eucalyptus microcorys</i> ± <i>Eucalyptus biturbinata</i> ± <i>Eucalyptus carnea</i> ± <i>Eucalyptus eugenioides</i> ± <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i>
General structure Tall woodland to tall open forest
Significant RE status Of concern
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.12.5

Regional Ecosystem 12.12.5
Vegetation mapping & assessment references Gatton Shire map unit(s) 12a
Floristic description (constant characteristic species in bold type) <i>Corymbia citriodora</i> (Spotted gum), <i>Eucalyptus moluccana</i> (Gum topped box, Grey box), <i>Eucalyptus crebra</i> (Narrow-leaved ironbark) ± <i>Eucalyptus eugenioides</i> ± <i>Corymbia tessellaris</i> ± <i>Eucalyptus melanophloia</i> ± <i>Eucalyptus tereticornis</i>
General structure Very tall open forest, tall open forest, tall woodland
Significant RE status No concern at present
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)

Regional Ecosystem 12.12.15

Regional Ecosystem 12.12.15
Vegetation mapping & assessment references Gatton Shire map unit(s) 11c
Floristic description (constant characteristic species in bold type) <i>Eucalyptus pilularis</i> (Blackbutt) ± <i>Corymbia citriodora/henryi</i> ± <i>Eucalyptus biturbinata</i> ± <i>Eucalyptus microcorys</i>
General structure Very tall open forest
Significant RE status No concern at present
Significant plants Nil
Significant invertebrates Nil
Significant amphibians Nil
Significant reptiles Nil
Significant birds <i>Erythrotriorchis radiatus</i> (Red goshawk) <i>Ninox strenua</i> (Powerful owl)
Significant mammals <i>Dasyurus maculatus maculatus</i> (Spotted-tailed quoll (southern subsp.)) (potential occurrence)