Endangered Ecological Communities in Ku-ring-gai

Sydney Turpentine-Ironbark Forest



Description

Sydney Turpentine-Ironbark Forest (STIF) is a medium to tall open forest, dominated by tree species including Turpentine (*Syncarpia glomulifera)*, Blackbutt (*Eucalyptus pilularis)* and Smooth-barked Apple (*Angophora costata).*

In Ku-ring-gai it is found along Mona Vale Road, St. Ives, the southern end of Fox Valley Road and Bicentennial Park. Found along ridgelines and slopes on shale and shale-enriched sandstone soils. Seeds locked in this soil are the source of future generations of plants.

Protection and Threats

STIF is protected as an Endangered Ecological Community, under the *NSW Threatened Species Conservation Act 1995* and a Critically Endangered Ecological Community under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999.* Threats to this community include: clearing along ridgelines, small-scale residential clearing, nutrient enrichment, weed invasion, garden escapes, recreational damage and rubbish dumping. Fragmentation of the forest also creates challenges for regeneration.

Wildlife

This forest provides layers of habitat for wildlife, with mature trees providing nest hollows for Australia's largest owl - the Powerful Owl and also for the Glossy Black-Cockatoo.

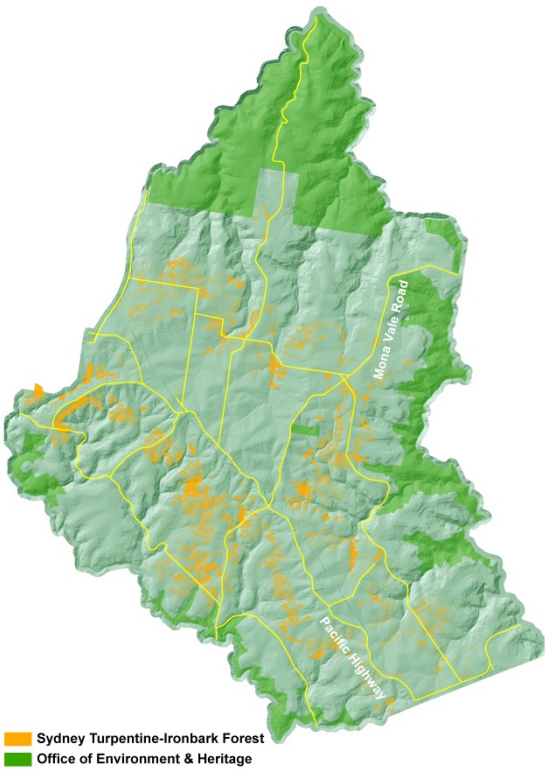
What can you do?

There's lots you can do to help preserve STIF:

- Join a Bushcare group
- Keep your pets under control and report any fox sightings to us
- Never dump rubbish in bushland - penalties apply
- Remove weeds from your garden to stop them spreading
- Install a raingarden to manage stormwater
- If you live near this forest community you can plant some of the forest's native species in your garden to help attract birds, mammals and butterflies (see list over)

For further information

- Visit the NSW Office of Environment & Heritage website



Only 0.5% of the original Sydney Turpentine-Ironbark Forest remains in Ku-ring-gai

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Sustaining Sydney's green heart

Ku-ring-gai Council

Species List

Canopy trees	
Botanical Name	Common Name
Angophora costata	Sydney Red Gum
Angophora floribunda	Rough-Barked Apple
Corymbia gummifera.	Red Bloodwood
Eucalyptus acmenoides	White Mahogany
Eucalyptus globoidea	White Stringybark
Eucalyptus paniculata	Grey Ironbark
Eucalyptus pilularis	Blackbutt
Eucalyptus resinifera	Red Mahogany
Eucalyptus saligna	Sydney Blue Gum
Syncarpia glomulifera	Turpentine

Smaller trees	
Botanical Name	Common Name
Acacia implexa	Hickory Wattle
Acacia parramattenis	Parramatta Wattle
Allocasuarina littoralis	Black She-Oak
Allocasuarina torulosa	Forest She-Oak
Ceratopetalum gummiferum	NSW Christmas Bush
Elaeocarpus reticulatus	Blueberry Ash
Exocarpos cupressiformis	Cherry Ballart; Native Cherry
Omalanthus populifolius	Bleeding Heart; Native Poplar
Pittosporum undulatum	Mock Orange
Tristaniopsis laurina	Water Gum

Shrubs	
Botanical Name	Common Name
Acacia floribunda	White Sally; Gossamer Wattle
Acacia longifolia	Sydney Golden Wattle
Acacia terminalis	Sunshine Wattle
Acacia ulicifolia	Prickly Moses
Breynia oblongifolia	Coffee Bush
Bursaria spinosa	Blackthorn, Boxthorn
Dodonaea triquetra	Large Leaf Hop Bush
Hibbertia aspera	Rough Guinea Flower
Indigofera australis	Australian Indigo
Kunzea ambigua	Tick Bush
Leucopogon juniperinus	Prickly Beard Heath
Maytenus silvestris	Orange Bush
Notelaea longifolia	Large Mock Olive
Omalanthus populifolius	Bleeding Heart; Native Poplar
Ozothamnus diosmifolius	Rice Flower; Sago Bush
Pittosporum revolutum	Wild Yellow Jasmine
Platylobium formosum	Handsome Flat Pea
Polyscias sambucifolia	Elderberry Panax
Pultenaea flexilis	Graceful Bush-Pea
Xanthosia pilosa	Woolly Xanthosia
Zieria smithii	Sandfly Zieria

Ground layer - graminoids	
Botanical Name	Common Name
Aristida vagans	Threeawn Speargrass
Austrodanthonia racemosa	Slender Wallaby Grass
Austrodanthonia tenuior	East Coast Wallaby Grass
Austrostipa rudis	Veined Spear-Grass
Bothriochloa decipiens	Red Grass; Redleg Grass
Carex inversa	Knob Sedge
Cyperus gracilis	Slender Flat-Sedge
Dichelachne micrantha	Plume Grass
Dichelachne species	Plume Grass
Echinopogon caespitosus	Tufted Hedgehog Grass
Echinopogon ovatus	Forest Hedgehog Grass
Entolasia marginata	Margined Panic Grass
Entolasia stricta	Wiry Panic Grass
Eragrostis brownii	Brown's Lovegrass
Imperata cylindrica var. major	Blady Grass
Lepidosperma laterale	Variable Swordsedge
Lomandra filiformis	Wattle Mat Rush
Lomandra longifolia	Spiny-Headed Mat Rush
Lomandra multiflora	Many-Flowered Mat Rush
Microlaena stipoides	Weeping Grass
Oplismenus aemulus	Creeping Beard Grass
Oplismenus imbecillus	Creeping Beard Grass
Panicum simile	Two-Colour Panic
Poa affinis	
Themeda australis	*Kangaroo Grass*

Ground layer - ferns & herbs	
Botanical Name	Common Name
Blechnum cartilagineum	Gristle Fern
Brunoniella australis	Blue Trumpet
Calochlaena dubia	Rainbow Fern
Centella asiatica	Indian Pennywort
Cryptostylis erecta	Bonnet Orchid
Cyathea australis	Black Tree-Fern
Desmodium rhytidophyllum	Tick-Trefoil
Desmodium varians	Slender Tick-Trefoil
Dianella caerulea	Tufted Lily
Dianella longifolia	Blueberry Lily
Dichondra Repens	Kidney Weed
Euchiton Sphaericus	Star Cudweed
Galium gaudichaudii	Rough Bedstraw
Geranium homeanum	Northern Cranesbill
Goodenia hederacea	Forest Goodenia
Lindsaea linearis	Screw Fern
Opercularia diphylla	
Oxalis perennans	Grassland Wood Sorrel
Plantago debilis	Shade Plantain
Poranthera microphylla	Small Poranthera
Pratia purpurascens	Whiteroot
Pseuderanthemum variabile	Pastel Flower
Pteridium esculentum	Common Bracken
Pterostylis nutans	Nodding Greenhood
Veronica plebeia	Trailing Speedwell
Wahlenbergia gracilis	Sprawling Bluebell

Climbers	
Botanical Name	Common Name
Billardiera scandens	Hairy Apple Berry
Cassytha species	Devil's Twine
Cayratia clematidea	Native Grape
Clematis species	Headache Vine
Commelina cyanea	Native Wandering Jew
Eustrephus latifolius	Wombat Berry
Geitonoplesium cymosum	Scrambling Lily
Glycine clandestina	Twining Glycine
Glycine microphylla	Small-Leaf Glycine
Glycine tabacina	Variable Glycine
Hardenbergia Violacea	Purle Coral Pea; False Sarsparilla
Hibbertia Dentata	Climbing Guinea Flower
Kennedia rubicunda	Dusky Coral Pea
Morinda jasminoides	Sweet Morinda
Pandorea pandorana	Wonga Wonga Vine
Smilax glyciphylla	Sweet Sarsaparilla
Stephania japonica var. discolor.	Snake Vine
Tylophora barbata	Bearded Tylophora
Billardiera scandens	Hairy Apple Berry