



Palmwoods

Street tree strategy

Description of area and land use

Tucked into the foothills of the Blackall Range, Palmwoods lies in a gently undulating landscape. Named after the piccabeen palm groves that were once a significant feature of the landscape, Palmwoods was purpose-built as a timber town following construction of the North Coast rail line and later the focus shifted from timber to the production of fruit crops. Horticulture remains one of the major industries of the plan area today.

Residential estates continue to grow in the plan area with many young families moving to the conveniently located hinterland town. Despite steady growth in housing and traffic, Palmwoods has retained its historic charm and natural woodland character. Vistas over farmlands to the west and the backdrop of the steep ridge of the Blackall Range are important borrowed landscape elements that contribute significantly to the look and feel of the locality. The heritage character of the town itself is complemented by a cultivated landscape of signature trees.

Trees and landscape character

Eucalypt woodland, *Melaleuca* woodland, eucalypt forest and notophyll vine forest all naturally occur within the plan area. Blackbutt, brush box, pink bloodwood and tallowwood are the predominate natural character species and form dense stands along the town's major approach of Woombye–Palmwoods Road. The *Foliage and Shade Cover* map for the plan area shows numerous parcels of bushland where the trees are mostly over 18m high.

A strong character landscape is also evident in town with Illawarra flame tree, jacaranda, silky oak, silk trees and piccabeen palms signature species. This character palette complements the historic architecture of the town, and provides vertical scale to the village.

Canopy cover

Canopy statistics report that Palmwoods has a high volume of trees with 41% cover across all land types and 43% cover over the road reserve. *Foliage and Shade Cover* mapping shows extensive open areas in the plan area where farmland exists. Rural residential development is greatest south-west of the plan area. Quality streetscapes are establishing in these newer residential estates which show a good mix of street tree species and very good rates of occupancy (with few vacant sites evident).

Major opportunities and constraints

Good opportunity exists to reinforce and sustain natural character through footpath and feature plantings on the town's major entry-way where blackbutt, tallowwood, pink bloodwood and brush box dominate the landscape.

Open space areas along this route would also benefit from succession plantings and present good opportunity for the establishment of new street trees on parkland perimeters.

Significant potential to enhance the town's cultivated landscape character and reinvigorate the leafy village atmosphere with additional planting of the signature Illawarra flame trees and piccabeen palms has also been identified.

The southern section of the town (nearer to the station) presents the best opportunities for canopy building and increasing town amenity. Good potential for rejuvenation of this area of town with new street tree plantings exists. Additional signature plantings in this area could significantly lift amenity lending interest to the historic building façades and providing colourful accents.

Wide verges in the locality's older streets immediately surrounding the townscape present opportunity to infill avenues of jacaranda (with a suitable replacement species on account of the invasive plant status of the tree at present) to enhance these attractive shady spaces.

Pathways to the west side of town present good opportunity for street tree planting for the provision of shade.

The previously existing flying fox roost at Dunning Street is considered a constraint to future street tree planting. Although the flying foxes have not returned since a seasonal absence in 2014, the planting of any foraging or roost attracting species within the immediate area is considered a high risk.

Street tree planting strategies

Street tree planting sustains the hinterland character of the town with strong natural character themes along the town's northern approach and cultural character within the town centre.

The current street tree species mix and hinterland character of the town centre is reinforced with a return to the use of mango, macadamia and other traditional food trees as features (in garden bed locations) in recognition and celebration of Palmwood's history.

Rainforest species are used for street tree plantings in residential streetscapes with mixed planting themes followed where possible.

Character plantings and tree-lined streets are re-established in the southern section of town where new plantings will also provide additional shade to footpaths.

Signature character species are used for feature planting spaces and park perimeter plantings.

A network of shady spaces is established between the town's recreational facilities and local school.

Street tree planting is in accordance with the Placemaking Palmwoods Public Domain Master Plan (November 2014).

Street tree palettes

Signature trees

Avenue trees and feature nodes

*Alectryon subdentatus** (hard alectryon) (trial locations)
Araucaria bidwillii (bunya) (in garden beds only)
Argyrodendron trifoliolatum (white booyong)
Beilschmeidia obtusifolia (blush walnut)
Corymbia intermedia (pink bloodwood)
Diploglottis campbellii (small-leaved tamarind)
Elaeocarpus eumundii (Eumundi quandong)
Elaeocarpus grandis (blue quandong)
Elaeocarpus obovatus (hard quandong)
Ellatostachys xylocarpa (white tamarind)
Eucalyptus pilularis (blackbutt)
Eucalyptus microcorys (tallow wood)
Ficus opposita (sandpaper fig)
Flindersia brayleyana (Queensland maple)
Flindersia bennettiana (Bennett's ash)
Flindersia xanthoxyla (yellowwood)
Grevillea robusta (silky oak)
Harpullia pendula (tulipwood)
Harpullia hiliiana (blunt-leaf tulipwood)
Liquidambar styraciflua (sweetgum)
Lophostemon confertus (brush box)
Macadamia integrifolia (macadamia)
Mangifera indica (mango) (in garden beds only)
Mischarytera lautereriana (corduroy tamarind)
Morus nigra (mulberry)
Planchonella australis (black apple)
Syncarpia glomulifera (turpentine)
Syzygium oleosum (blue lilly pilly)
Syzygium (syn. *Acmena*) *smithii* (riberry)
Tamarindus indica (tamarind)
Waterhousia floribunda (syn. *Syzygium floribundum*) (weeping lilly pilly)

See also *Locally native species for natural character features* palettes for use where appropriate.

Signature trees (cont.)

Trees for accent and highlights

Archontophoenix cunninghamiana (piccabeen palm)
Brachychiton acerifolius (Illawarra flame tree)
Brachychiton discolor (lacebark)
Corymbia ptychocarpa (swamp bloodwood)
Stenocarpus sinuatus (firewheel)

Trees for local streets

*Alectryon subdentatus** (hard alectryon) (trial locations)
*Alectryon subcinereus** (wild quince) (trial locations)
Backhousia citriodora (lemon myrtle)
Brachychiton acerifolius (Illawarra flame tree)
Buckinghamia celcissima (ivory curl)
Cryptocarya triplinervis (three-veined laurel)
Cupaniopsis parvifolia (small-leaved tuckeroo)
Diploglottis australis (native tamarind)
Elaeocarpus eumundii (Eumundi quandong)
Elaeocarpus obovatus (hard quandong)
Flindersia australis (Crow's ash)
Flindersia xanthoxyla (long jack/yellowwood)
*Guioa semi-glauca** (wild quince) (trial locations)
Harpullia hiliiana (blunt-leaf tulipwood)
Harpullia pendula (tulipwood)
*Litsea leefiana** (brown bolly gum) (trial locations)
Lophostemon confertus (brush box) (where existing only)
Podocarpus elatus (brown pine)
Waterhousia floribunda (syn. *Syzygium floribundum*) (weeping lilly pilly)
Syzygium (syn. *Acmena*) *hemilampra* (broad leaf form) (blue satinash)
Tristaniopsis laurina 'Luscious' (water gum)
Xanthostemon chrysanthus (golden penda)

Street tree palettes are also appropriate for use in the localities of Chevallum and Landers Shoot.

Locally native species for natural character features

Woodland/open forest

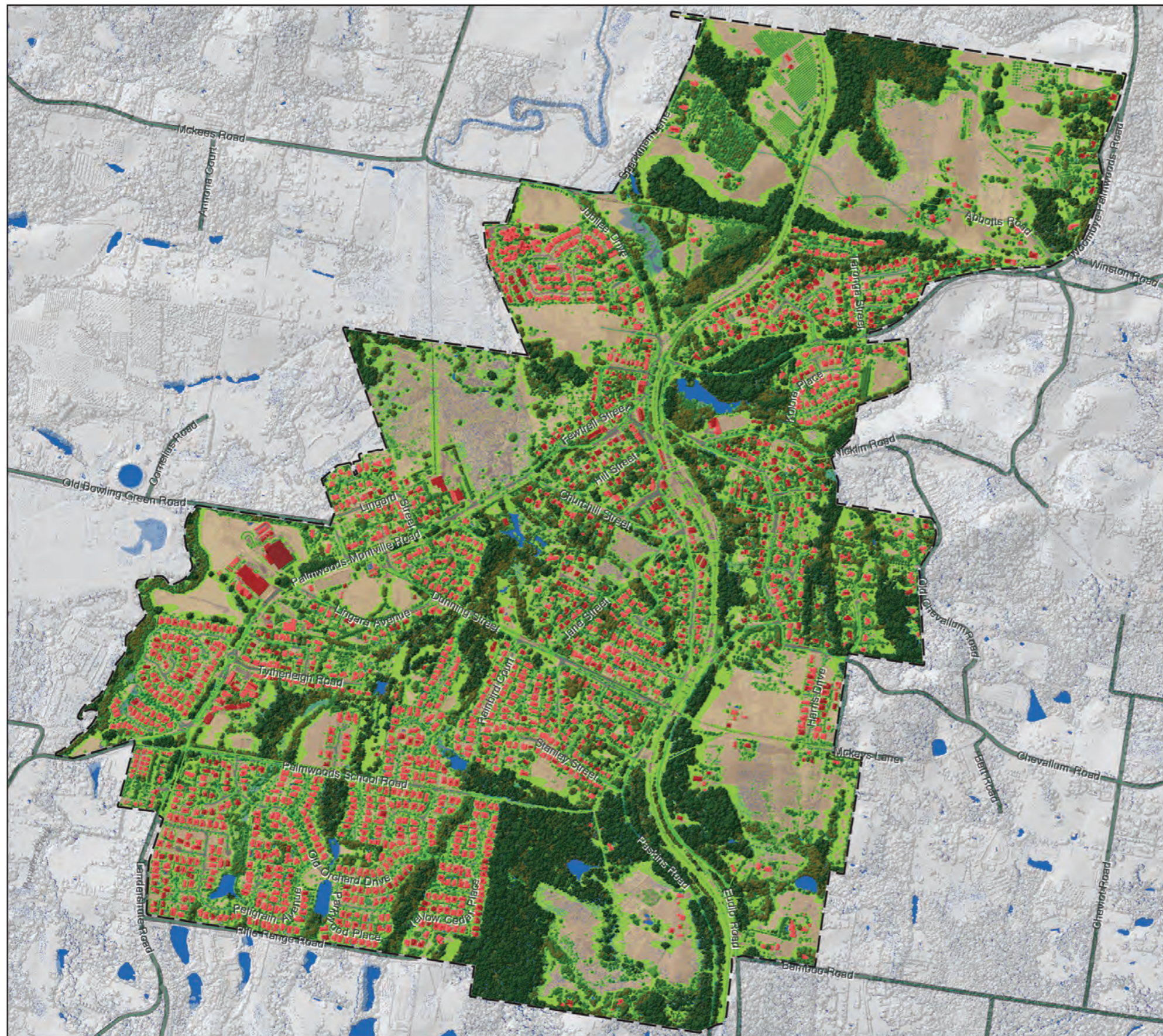
Angophora woodsiana (smudgy apple)
Corymbia intermedia (pink bloodwood)
Eucalyptus grandis (flooded gum)
Eucalyptus microcorys (tallowwood)
Eucalyptus pilularis (blackbutt)
Eucalyptus resinifera (red mahogany)
Eucalyptus siderophloia (grey ironbark)
Lophostemon confertus (brush box)
Syncarpia glomulifera (turpentine)

Rainforest

Agathis robusta (kauri pine)
Araucaria cunninghamii (hoop pine)
Argyrodendron trifoliolatum (white booyong)
Backhousia myrtifolia (willow myrtle)
Castanospermum australe (Moreton Bay chestnut)
Cryptocarya hypospodia (purple laurel)
Cryptocarya obovata (pepperberry)
Cryptocarya triplinervis (three-veined laurel)
Cupaniopsis parvifolia (small leaved tuckeroo)
Ficus coronata (sand paper fig)
Diospyros geminata (scaly ebony)
Drypetes deplanchei (yellow tulipwood)
Flindersia australis (Crow's ash)
Elaeocarpus grandis (blue quandong)
Excoecaria dallachyana (scrub poison tree)
Ficus fraseri (Fraser Island fig)
Ficus macrophylla (Moreton Bay fig)
Flindersia xanthoxyla (long jack/yellowwood)
Olea paniculata (native olive)
Syzygium francisii (giant water gum)

Foliage and Shade Cover

Palmwoods Local Plan Area



Legend

Vegetation Height (m)	Building Height (m)
0 - 0.3	0 - 1
0.3 - 2	1.0 - 2.8
2.0 - 6	2.8 - 5.0
6.0 - 12	5.0 - 12.0
12.0 - 18	12.0 - 65
18.0 - 80	Water Bodies
Canopy Shade	Local Plan Area Boundary

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0 55 110 220 330 440 Metres
1:12,000 at A3 size

Path: F:\MapRequests\StreetTreeMasterPlan\Maps\BulkProducedMaps\FoliageShadeCover_MAPBOOK_Landscape_20160630.mxd

Priority Planting Plan

Palmwoods Local Plan Area



Legend

Priority planting locations

Nodes and Parkland perimeters

- Esplanade no view
- Park perimeter planting
- Space for group planting
- Space for single compact tree
- Space for single large canopy tree
- Vegetative screen or buffer

Priority planting locations

Major thoroughfares and Walkable routes

- Road verge - Key pedestrian route
- Road verge - Local access or residential street
- Road verge - Major thoroughfare
- Local Plan Area boundary
- Priority Development Area (Maroochydore City Centre)
- Priority Development Area (Caloundra South)
- Declared Master Planned Areas (Maroochydore & Palmview)



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