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### A conceptual model of the species composition of the original riparian rainforest of the Clarence River Floodplain, New South Wales

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*Abstract:* The riparian rainforest on the streamside levees of the coastal floodplain of the Clarence River on the North Coast of New South Wales was cleared during the 1860s by small landholders seeking fertile land. Only three small remnants remain. Using a combination of historical species lists, corner trees from surveyors' portion plans, habitat information and the NSW Scientific Committee's (1999) determination for lowland rainforest on floodplain a conceptual model of the original distribution of rainforest suballiances on the levees of the Clarence River coastal floodplain is proposed.

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### Introduction

Before European settlement the banks of the coastal floodplain of the Clarence River in northern New South Wales (lat. 29.5°S, long. 153.2°E) (Figure 1) were vegetated by a band of rainforest that was known colloquially as 'brush' (Hodgkinson 1845, Rose 2012). In 1839, The Deputy Surveyor-General, Captain Perry onboard one of the first vessels to enter the Clarence River noted that:

owing to the denseness of the brush on the banks, no part of the country could be seen from the deck of the vessel, but was completely screened by a mass of most luxuriant vegetation: the stems of gigantic trees, covered with climbing plants of various descriptions, and which fell down in graceful festoons from the upper branches, produced an effect observable only in a region fresh from the hand of nature (Lang 1847 p. 40)

J D Lang was seeking land for Scottish immigrants and Commissioner Fry reported to him that on the lower 20 miles (32 km) that:

the immediate borders of the stream being covered with a dense impervious brush (Lang 1847 p.52)

and that for the next 30 miles (48km) the land:

becomes more elevated, more open, and of infinitely better description ....., a belt of brush varying in width from one to four hundred yards (91–366m) fringing the stream all the way up (Lang 1847 p. 52)

The first Europeans to move into the Clarence Valley were cedar getters and graziers who mainly left the riparian rainforest undisturbed. The cedar getters only selectively removed the valuable red cedar from the rainforest; most of the easy to cut cedar exhausted by 1842 (Vader 1987 p.94). The impenetrable rainforest was of no use to the grazier (Lang 1847, Stubbs 1996 p. 124) but changes to the land laws (The Order in Council of 1847 followed by the Crown Lands Alienation Act 1861) enabled farmers to obtain smaller blocks (Stubbs 1996). The 'brush' forest blocks along the banks of the Clarence River were sought after due to their fertile soil. Due to its luxuriant nature the 'brush' was not possible to burn and it could only be cleared by cutting down the large trees with an axe. This was hard work and would take a week to clear an acre  $(4,000 \text{ m}^2)$ . Virtually none of the timber was sold, but merely allowed to dry for about a year and then burnt. In the meantime the settlers planted maize in between

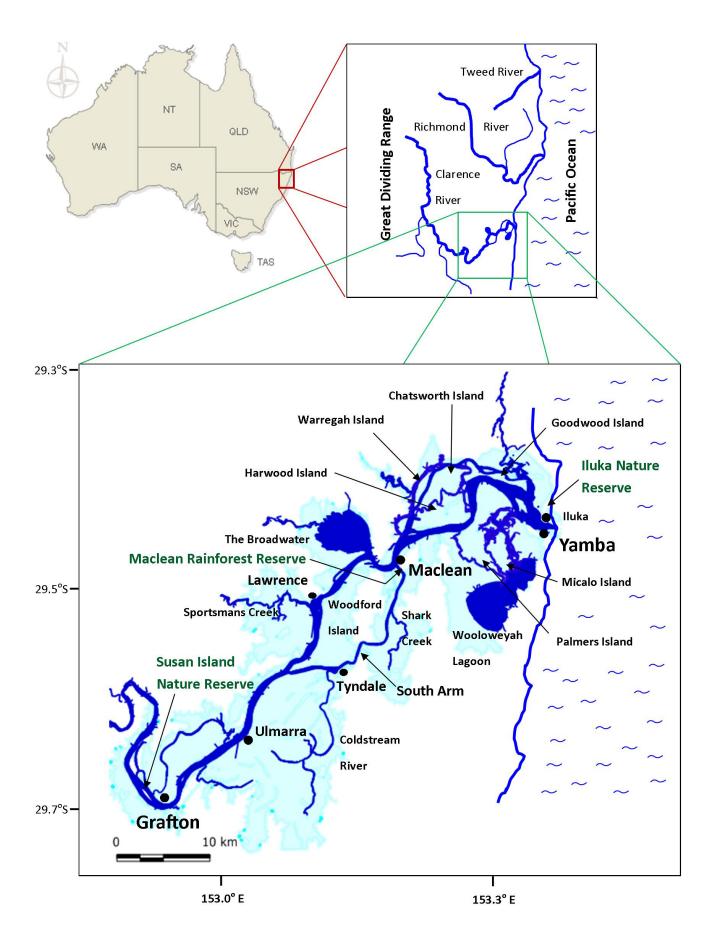


Figure 1. Map showing the location of the Clarence River floodplain (light blue), streams, islands, towns and remnant rainforest reserves.

the logs (McFarlane 1924). In this way the rainforest was rapidly cleared from the banks of the Clarence.

Charles Moore, Director of the Sydney Botanical Gardens visited the area in 1861 and found that:

Even the banks of the Clarence, which some six or eight years ago presented on both sides one continuous mass of this description of forest, varying in breadth from one hundred yards to almost half-a-mile has been already cleared for many miles – the fate which will soon overtake all the brush country available for cultivation, unless the government cause reserves to be made for the preservation of at least some portion of a class of trees which are both interesting and beautiful, even if not otherwise valuable (Moore 1861a).

By 1868 a reporter of the *Sydney Morning Herald* (16 December 1868 p. 5) found that:

The scrubs have wholly disappeared from the banks of the river and where once the vine clad trees rose up, wreathed with thick robes of foliage and tinted with bright flowers, there are now groups of farm buildings, lines of fencing, patches of garden, and green fields of waving corn.

Another reporter (*Sydney Morning Herald*, 10 August 1871 p. 2) noted that near the mouth:

The thick brushes which once grew here have been cut down on most of the islands, and given place to cultivation.

In his next article (*Sydney Morning Herald*, 14 August 1871 p. 2) he observes that:

The tourist may form some idea of the Clarence as it was when first discovered, in 1832, from the vegetation which still grows in rank luxuriance on some of the smaller islands – emerald gems in the glittering stream.

implying that the rest of the brushes (or riparian rainforest) had been totally cleared by that time.

The purpose of this paper is to present the available information of the now largely destroyed riparian rainforest in a manner that could be of use for anyone wishing to reestablish parts of this rainforest. For example Clarence Valley Council has an Environmental Trust grant for Clarence Estuary Riparian and Wetland Restoration and is actively engaged in riparian weed control, native plant establishment and livestock exclusion fencing. Clarence Landcare has a project for the collection of local native seed species and growing the plants/trees for specific projects (Wilson 2014a). A workshop of the Clarence Floodplain and Estuary Partnership agreed that riparian rehabilitation to be a priority activity for the partners (Wilson 2014b). This paper may help these agencies in their riparian restoration work to seek out species that were originally there and not only those that are currently in the riparian zone.

The starting point for this investigation was the NSW Scientific Committee's (1999) Determination for lowland rainforest on floodplain as an Endangered Ecological Community for the New South Wales North Coast Bioregion. This determination uses Floyd's (1990) classification for rainforests. Floyd (1990, v.2 microfiche) recorded the species found in the three remaining rainforest remnants (Susan Island Nature Reserve, Maclean Rainforest Reserve and Iluka Nature Reserve, Figure 1) on or near the Clarence floodplain. Historical surveyors' corner tree data and species lists from botanists, who visited the area prior to the clearing of the riparian rainforest, was another source for rainforest species found on the floodplain. Rich (1996) suggested that littoral rainforest may extend further inland along estuarine river systems, and as suballiance No. 16 is the main suballiance at the Iluka littoral rainforest reserve, this suballiance was also included in all of the assessments.

The available habitat and historical information was used to determine if any of the eleven suballiances in the Determination (NSW Scientific Committee 1999) could be excluded from being present on the Clarence floodplain and enabled the generation of a conceptual model of the distribution of rainforest suballiances across the riparian levees on the Clarence floodplain.

### Methods

Floyd (1990) used floristics or habitat characteristics to differentiate between rainforest suballiances with key characteristics based on soil type, location, altitude, rainfall etc. or a combination of habitat characteristics. Table 1 gives a simple scale created to subjectively assess the habitat of the Clarence floodplain to the habitat characteristics of the eleven suballiances (Floyd 1990) from the NSW Scientific Committees (1999) determination.

### Table 1. Criteria used in assessing the habitat fit of Floyd's suballiances to the riparian rainforest on the Clarence floodplain.

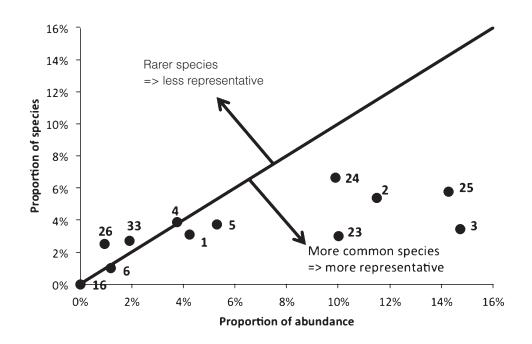
Assessment criteria	Habitat fit category
Good fit - the habitat criterial for the suballiances aligns with the habitat of the floodplain - the main suballiances	1
<i>Niches</i> – the habitat criterial for the suballiances aligns with small areas on the floodplain – present throughout in small areas.	2
Edges – the habitat criteria for the suballiances does not align with the main area of the floodplain, but it does for adjoining areas – transitional	3
No fit – the habitat criterial for the suballiances do not fit with the floodplain or its adjoining areas.	4

Ab	undance rating	Basis for abundance rating	Numerical rating
VC	Very common	Top 1–6 most common species	10
С	Common	More than 5 individuals	6
0	Occasional	2 to about 5 individuals	3
R	Rare	1 only seen	1

### Table 2. Numerical ratings applied to Floyd's (1990 v. 1 p. 23) abundance ratings

**Table 3 Worked example of the process of plotting abundance Vs number of species.** The value for *Ficus macrophylla* for Suballiance 1 is generated from it being present in two of four sites (data not shown) with abundance values of 3 (Occasional) and 6 (Common) to give a rounded down abundance value of 2.2 (sum of 9 divided by 4 = 2.25). This process was repeated for all the other suballiances of interest and also for another four species. The highlighted values are those that are plotted in Figure 2.

					]	Floyd's	suballi	ances				
Species	1	2	3	4	5	6	16	23	24	25	26	33
Ficus macrophylla	2.2	5.0	8.4	1.0	0.7			2.6	1.4			0.2
Dendrocnide excelsa	3.8	5.0	6.0	1.3	1.8			3.0	2.0			1.6
Streblus brunonianus	1.0	5.0	5.6		1.5			9.2	3.3	8.7	0.2	0.2
Malotus philippensis	1.5	1.5	4.4	2.0	1.5			6.0	4.0	5.3		0.6
Cryptocarya obovata	1.0	6.0	4.0	1.7	2.8	1.0		0.6	2.3	4.0	0.8	1.4
Sum of average abundance values	9.5	22.5	28.4	6.0	8.3	1.0		21.4	13.0	18.0	1.0	4.0
Total abundance value	225	196	193	160	156	86	193	214	132	126	107	213
Percentage of example list of the total abundance	4.2%	11.5%	14.7%	3.8%	5.3%	1.2%	0.0%	10.0%	9.8%	14.3%	0.9%	1.9%
No. of species (max. 5)	5	5	5	4	5	1	0	5	5	3	2	5
Total No. of species	161	93	146	103	134	99	95	166	75	52	80	184
Percentage of example list of the total no. of species	3.1%	5.4%	3.4%	3.9%	3.7%	1.0%	0.0%	3.0%	6.7%	5.8%	2.5%	2.7%



**Figure 2** Worked example of plotting abundance Vs number of species. The graph has separated the suballiances into two groups. In the more representative group, only four of the seven suballiances where all five species were represented made it into this group. In suballiance 25, only 3 species were present, but due to them being very common, this suballiance has also made it into the more representative group. Using the proportion of numbers and abundance provides an extra dimension in trying to complete this historical jigsaw puzzle. Suballiances that are above the line will tend to be less representative, as the species that are present are less common. In contrast, those suballiances that are very abundant will tend to be placed below the dividing line, as their higher abundance values will push them to the right on the graph.

A species list was created from the original surveyors' corner tree data and species lists from botanists who visited the region prior to the clearing of the rainforest and will be referred to as the historical species list (Appendix 1).

The historical species list was compared to the species list in each of Floyd's (1990) suballiances to extract the number of species represented, and to generate an abundance rating. Floyd (1990) has provided a species list for each of his suballiances with an associated abundance rating from 2–5 representative sites. This abundance rating was converted to numerical values to reflect the relative weighting of the original rating (Table 2). It is a simple progressive scale with the interval between groups increasing by one and it aims to provide weight to the important species without completely ignoring the others. A linear scale (1, 2, 3, 4) was used initially but it was considered that it did not put enough emphasis on the very common species and too much emphasis on rare species.

The abundance values for each species were averaged to give an average abundance for that species in that suballiance. The average abundance values were then summed for the historical species that were present in each of the suballiances. The proportion of the sum of the abundance values for the historical species to the total of the abundance value for each suballiance was plotted against the proportion of the number of species from the historical list to the total number of species in the suballiance. This process is explained in a simplified example (Table 3, Figure 2).

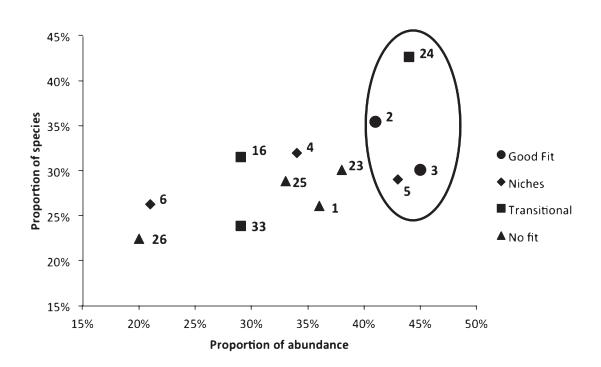
### Results

Two botanists' visited the region prior to the complete loss of the riparian rainforest, Charles Moore and William Carron.

Charles Moore (1861a, b, 1867), Director of the Sydney Botanic Gardens, collected many rainforest specimens on his visit to the Clarence in 1861, with 28 named in two separate newspaper articles. It is also recorded that he published *A catalogue of Northern Timbers*, which he later revised several times (King 1974). The Botanic Gardens Library (part of the National Herbarium of New South Wales) was not able to locate a copy of this Catalogue, but had a copy of his catalogue of *Woods indigenous to the Northern district of the colony* from the *London International Exhibition, 1862*. This catalogue had 116 timber specimens from the Clarence and Richmond districts, with 75 of these from the Clarence, some without species names.

William Carron (1872a, b), a collector for the Sydney Botanic Gardens was sent to the Northern Rivers to seek out possible sites for timber reserves. Only one rainforest timber reserve, located 6–7 miles (10–11 km) north of Grafton, with 20 tree species was nominated.

A list of 77 species (the historical species list, Appendix 1) was compiled from botanists' data combined with the surveyors' corner tree data. Though the corner tree data was only recorded as common names, it was possible to suggest a scientific name with the aid of a list of 78 species from the adjacent Richmond River region



**Figure 3.** The proportion of species from the historical list in each of Floyd's (1990) suballiances (Table 4 for names) plotted against the proportion of the average abundance of that species in the suballiance with the subjective habitat rating displayed as various point shapes. The suballiances within the circle are those more likely to have been present on the Clarence floodplain.

#### Table 3. Possible explanations as to why these species were not represented in the 12 suballiances of interest.

### No. of Reason species

2

- 3 Only the genus was nominated
- 1 *Callerya megasperma* A vine only tree data has been captured in this project.
- 3 **Doubles** two species names eventually converged to one species.
- 3 These may be incorrectly named:

Acacia trinervata: Restricted to western Sydney and adjacent lower Blue Mountains (Flora of Australia v. 11B 2001 p. 45) and therefore may be incorrectly named.

*Epicarpurus orientalis:* The common name of Elm and the description suggest the name *Aphananthe philippinensis* may be more correct.

Owenia venosa: The common name of Tulipwood and the description suggest the name Harpullia pendula may be more correct.

#### 4 These species were not listed in the 12 suballiances of interest due to incorrect habitat:

*Acacia binervata:* In more or less abundance all along the coast; a handsome, small sized tree. Timber hard, and occasionally used for carpenters' tools. MALLA WAUNDIE. Clarence and Richmond brush forests (Moore 1861b).

*Denhamia pittosporoides:* In dry rainforest and vine thicket on basaltic or basaltically enriched soil (Floyd 2008). A tree of moderate size; timber not used. Clarence brush forests (Moore 1861b).

*Erythrina vespertilio:* Dry and semi-dry rainforests and also in adjoining open forest country (Floyd 2008). On open forest land bordering on the thick brush forests (Moore 1861b).

*Geijera salicifolia:* In dry rainforest on steep dry stony slopes and sides of gorges. On skeletal soils derived from slates (Floyd 2008). Brush forests, generally in the Northern districts (Moore 1861b).

#### 1 This species may have been totally lost to NSW:

*Cupaniopsis serrata:* Not recorded with certainty in NSW. (Floyd 2008). A very ornamental tree of small size, plentiful in the brushes. Timber not used. GULWIN GULWIN. Richmond and Clarence (Moore 1861b).

Unknowns - The following species were unable to be located in the Australian Plant Name Index:

*Nephelium lanuginosum: Sapindaceae.* A fine tree, attaining a height of 80 feet and 3 feet in diameter. Timber occasionally used for building purposes. UROOBIE. Clarence and Richmond brush forests, plentiful (Moore 1861b).

*Nephelium lucidum:* Julip wood. This tree is very generally known wherever it grows, both on account of the beauty of its heart wood, and its excellence for firewood; for this latter purpose it is preferred about Grafton, where it is abundant, to almost any other. The tree grows to a large size, but it is seldom that the stem is solid, being generally decayed near the heart. The wood is exceedingly strong, and richly coloured with different shades, from black to yellow, will take a high polish, and in a good specimen is very beautiful. This has been occasionally employed in Sydney for cabinet work, but it does not appear to have received that attention that it deserves. (Moore 1861a, p.3)

(Clarence and Richmond Examiner and New England Advertiser, 1 April, 1873, Appendix 5). The likely current scientific and common names were determined using the Australian Plant Name Index (www.cpbr.gov. au/apni/) cross referenced with Floyd (2008). Of the 77 species in the complete list 60 were represented in the 12 suballiances that were deemed to be of interest (Appendix 2). An attempt has been made to ascertain why the other 17 species were not represented (Table 3).

The 12 suballiances were subjectively assessed for habitat fit (Table 4). The proportion of the sum of the average abundance values (Appendix 3) for each suballiance was plotted against the proportion of the number of species in each suballiance (Figure 3). In addition, the habitat fit rating of each suballiance was noted on the graph by different shape points. The resulting graph provided some insight on the fit of the 12 suballiances to the Clarence floodplain (Figure 3).

### Discussion

The main criteria used to determine the possible distribution of Floyd's rainforest suballiances across the Clarence floodplain was a subjective assessment of the fit of the habitat characteristics of each suballiance to the habitat of the Clarence floodplain. To provide supporting evidence a methodology has been created that utilises a historical species list in a "what if" scenario. If the historical species list had been collected in a particular suballiance, then a particular proportion of the number of species and their abundance would have resulted. These values would vary for each suballiance along both axes, providing an extra dimension of the fit of each suballiance to the Clarence floodplain. There are many reasons why this methodology is not particularly robust, however, in much the same way that a palaeontologist will suggest how an animal may look, from a few bones, it is an attempt to use the available historical data to provide some insight into species distribution in rainforests that were cut down in the 1860s (Stubbs 1996, Rose 2012).

Table 4. Habitat descriptions of the suballiances nominated by the New South Wales Scientific Committee as being associated with the community lowland rainforest of New South Wales North Coast bioregion. In addition, the littoral suballiance No. 16 has been included. These have been ranked for habitat fit (Table 1) to the Clarence floodplain with qualifying remarks.

Suballiance	<b>Comments</b> (1 <sup>st</sup> line – Suballiance name, 1st paragraph – comments from Floyd 1990 v.2; 2nd paragraph – qualifying remarks for the Clarence floodplain)	Habitat fit categ.
1	<i>Heritiera trifoliolatum</i> Lowland krasnozem. North from Bellinger River. Less flood prone than No.3. Krasnozem soils are not present on the Clarence floodplain.	4
2	<i>Toona – Flindersia</i> <b>spp.</b> Lowland alluvium. Well drained sites on the fertile alluvial flats, which were initially logged and now farmed. May suffer from seasonal moisture stress. Good fit for the Clarence floodplain as it has a low rainfall period during spring.	1
3	<i>Cryptocarya obovata – Dendrocnide excels – Ficus spp – Araucaria</i> Floodplain alluvium. The major sub-alliance on the well-drained, fertile, basaltically-enriched alluvial lowland floodplains north from the Manning River, the majority now under agriculture. Good fit for the Clarence.	1
4	<i>Elaeocarpus grandis</i> Streambank alluvium. Exists as a lowland riverine fringing community within a more extensive community eg No 5, 6 or 33. The stream bank location is due to the large fruit (up to 30mm diameter), which is dispersed by water and not by birds in New South Wales. This could have been a niche community along the banks of the Clarence.	2
5	<i>Castanospermum – Dysoxylum mollissimum</i> Moist, alluvial flats and benches. A reliable soil moisture level appears to be a major requirement. Often derived from weathering of lowland plateaux. This suballiance can occur where hills merge with the floodplain without a backswamp in between e.g. at Maclean, Woodford Island, Ashby and Tyndale.	2
6	<ul> <li>Archontophoenix – Livistona</li> <li>Excess soil moisture. Also known as palm forests. Drainage is impeded and there is free surface water during the wet season. Soil type is not critical.</li> <li>No palm forests are indicated on the portion plans, only 'tall ferns'. However, it could be a transition community to the backswamps in some locations.</li> </ul>	2
16	<i>Syzygium luehmannii – Acmena hemilampra</i> Well developed littoral rainforest on deep sand. Rich (1996) has suggested that this suballiance can extend further up the rivers away from the true littoral zone and thus there could have been a transition from this to the main suballiances close to the mouth of the river.	3
23	<i>Ficus</i> spp – <i>Streblus</i> – <i>Dendrocnide</i> – <i>Cassine</i> Central and South coasts on krasnozem at moderate low altitude. To the south of the Bellinger Valley. It occupies dry rocky slopes, ravines and headlands on fertile but often shallow soils. It does not occupy a streamside niche. Wrong location and soil type.	4
24	<i>Castanospermum – Grevillea robusta</i> Gallery rainforest along streams on basaltic alluvium in minimal rainfall areas (950–1100mm). Mainly in the upper Clarence and Richmond valleys. A drier phase of the suballiance No. 5. The annual rainfall on the floodplain is too high for this suballiance to be a major component of the floodplain. However, it fits with the upper end of the floodplain around Grafton as a transition to the main suballiances.	3
25	<i>Streblus – Austromytus</i> Streambank basaltic alluvium with high rainfall. Richmond River. Wrong location.	4
26	Waterhousea floribunda/Tristaniopsis laurina Southern Extension of No. 24 on less fertile alluvium. Wrong location.	4
33	Ceratopetalum/Schizomeria – Argyrodendron/Sloanea Warm temperate/subtropical rainforest on alluvium or enriched yellow earth. Sloanea above 650m altitude. A transition suballiance between the subtropical and warm temperate rainforests often in gullies. The floodplain environment on the Clarence of levees transitioning to backplains does not seem to fit this suballiance. Some small areas may be present as per the comments for No 5, in gullies that merge onto alluvial terraces.	3

Assessing habitat characteristics of the eleven rainforest suballiances nominated by the New South Wales Scientific Committee as possibly being present prior to European settlement on the Clarence floodplain, enabled four to be eliminated. Of the remaining suballiances it is suggested that three were present in niche environments, two plus a littoral rainforest suballiance occupied transitional environments and two were the main suballiances. The habitat ranking process for the suballiances was supported to some extent by the abundance and species number data generated from Floyd's (1990, v.2 microfiche) species lists when cross referenced with the historical species list (Appendix 1, Figure 3).

Suballiance No. 23 rated almost as high as the suballiances suggested for the Clarence floodplain (Figure 3), even though it is only present on the NSW Central and South Coasts. This could be due to either of two reasons: Option 1) Floyd (1990, v.1 p. 36) noted that in prior times that the region to the north of the Clarence was drier and seemed to be a major barrier to the north-south movement of some rainforest species. The concept of a species barrier was supported by Rich (1996) who grouped 33 littoral rainforest remnants from all of NSW into 3 groups using PATN analysis. The Iluka littoral rainforest near the mouth of the Clarence River was the northern most representative of the southern group, providing additional evidence of the Clarence as a boundary for some rainforest species. If the rainforest species on the floodplain followed the trend of the littoral rainforest species by having a stronger affinity with the southern rainforest groups, this could explain why the southern suballiance No. 23 rated so highly in Figure 3. Option 2) The second reason could be that those who contributed to the historical species list may have been more familiar with the rainforest species closer to home (Sydney), and so they were more familiar with the species from suballiance No. 23. The contrary

argument to this option is the position of suballiance No. 23 in Figure 3, where it lies more to the right on the graph indicating that it is fairly well represented (Figure 3). If this option were true, it would be expected that the species would be less abundant and therefore placed further to the left in Figure 3.

Initial work with this concept using a smaller species list and plotting absolute numbers instead of proportions gave a poor rating for suballiance No. 25, which is described as being from the Richmond River (the next river valley to the north of the Clarence)(Rose 2012). This provided further evidence to support Option 1) above, however, with the revised methodology this is no longer as clear cut. Suballiance No. 25 is a dry rainforest type with a high rainfall, and as the lower Clarence floodplain has a relatively dry spring (Rose 2012, p. 24), it was expected that this suballiance would have a fit on the Clarence and perhaps it did. However, this is not a strong link and it can be argued that the data presented in Figure 3 could support the idea that at some time in the past the region directly to the north of the Clarence was a barrier for the north-south movement of rainforest species.

Floyd (1990, v.1 p 23) in setting up his classification of New South Wales Rainforests comments that:

It must be kept in mind at all times that the subformations, alliances and particularly the suballiances are merely nodes or fairly frequent clusters of species along a continuous graduation. Some areas will fall somewhere between two nodes or suballiances.

Keeping these comments in mind a conceptual model of the possible distribution of suballiances throughout the Clarence floodplain is proposed with the boundaries in the diagram acting as transition zones (Figure 4). In this model suballiance No. 4 occupies sections directly on the

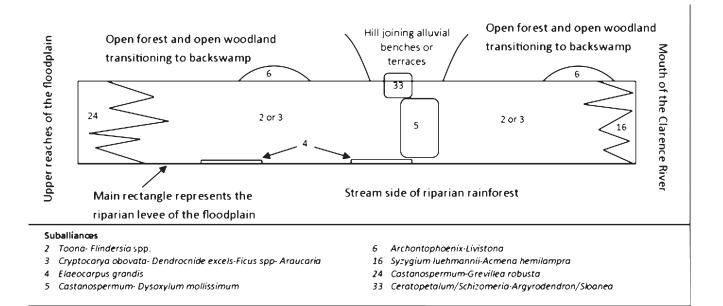


Figure 4. Proposed conceptual model of the occurrence and arrangement of the various rainforest suballiances on the Clarence floodplain.

riverbank, transitioning to the two major and one niche suballiance that occupy the bulk of the alluvial streamside levees. The two major suballiances are No. 2 and No. 3. Floyd indicates that suballiance No. 2 may suffer from seasonal moisture stress, which is a characteristic of the Clarence floodplain during spring. A climate and geomorphological (e.g. bank height, Rose 2012) gradient does exist along the Clarence floodplain and some species differentiation would be expected as a consequence. The corner trees from the portion plans provided some data on species distribution; however, only two rainforest species had more than four representatives, making any subregional suballiance delineation highly speculative.

Apart from Carron's Grafton brush species list (Appendix I), the only species location comments in the historical record refer to the Hoop pine, *Araucaria cunninghamii*, in the lower river:

(i) Hodgkinson (1845 p. 97) notes that: *The brushes* near the mouth of the Clarence are interspersed with the beautiful variety of pine I have already described...

(ii) Perry investigating a northern branch off the main river not far from the mouth (perhaps around Chatsworth Island via Middle Channel) found ... some nooks presenting pine brushes. The height of the pine trees, at the full growth, is about ninety feet, and they are as straight as an arrow. (Lang 1847, p. 45)

(iii) Pines were used as corner trees in four instances, all from Warregah Island. The only instance where pines were specifically referred to on portion plans was as a pine forest near the current day Maclean golf course (northern end of Woodford Island), which is upstream from where the above comments were made.

Floyd's (1990, v.2 microfiche) species lists indicate that *Araucaria cunninghamii* is present in suballiance No. 3 but not in suballiance No. 2, providing some support that at least on the lower floodplain that suballiance No. 3 may have been more dominant than suballiance No. 2.

Floyd commented that the rainforest on Susan Island, located at the upper reaches of the floodplain, contains four emergent species typical of dry rainforest. As a consequence, the conceptual model includes a zone of transition at the upper end of the floodplain from the two major suballiances No. 2 and No. 3 into the dry rainforest suballiance No. 24. This suballiance is present in the upper reaches of the Clarence River and plausibly could have transitioned into the floodplain. Suballiance No. 24 rates very highly in Figure 3 and sits on the midline between less and more representative. This indicates that a lot of the less abundant species from this suballiance were known to those, who contributed to the historical species list. Most of these people would have been based in Grafton during their visit to the region and it is plausible that their knowledge of the rainforest species closer to Grafton would have been better than those further away. However, as Suballiance 24 does not sit further to the right in Figure 3, it is fair to place it as a transitional suballiance on the Clarence floodplain.

At the mouth of the Clarence a zone of transition to the littoral rainforest suballiance No. 16 is included. Rich (1996) has suggested that littoral rainforest can be found inland as far as 3.1km and further inland along estuarine rivers (e.g. Stotts Island on the Tweed River is 15 km upstream and 8 km inland). The analysis of the historical data rates suballiance No. 16 on the midline between less and more representative, which is indicative of a transitional suballiance – the species are present to some extent, but as they are not fully suited, are not all that abundant.

The niche suballiance present in the main body of the riparian rainforest is suballiance No. 5, which is present on alluvial flats or benches that have been created by the weathering of an adjacent hill or plateau. A number of situations exist on the floodplain where the geomorphology is stream-bench-hill, without a backswamp in between e.g. near Maclean High School, where a remnant of this suballiance used to exist until destroyed by flying

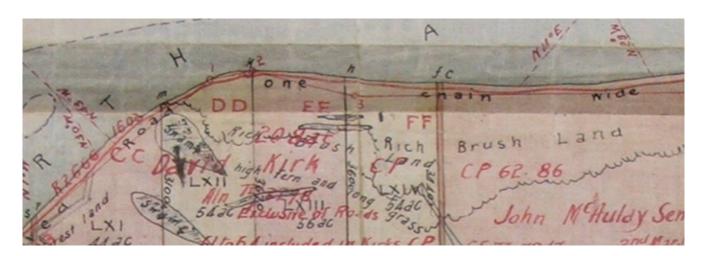


Figure 5 Portion plan of the northern part of Chatsworth Island showing a reference to 'high fern and long grass'. Surveyed 1862. (Department of Lands, Grafton, C62)

foxes (Silver 2010). It is possible that this suballiance transitioned into the warm rainforest suballiance No. 33 from the bench into gullies in the adjacent hill. It has been included as such in the conceptual model.

Floyd (1990 v.2 p. 23) notes that there are two examples of suballiance No. 6 in the lower Clarence region, with one on the floodplain. An early newspaper article about Susan Island records among other plants that Bangalow palms (Archontophoenix cunninghamiana) are present (Clarence and Richmond Examiner and New England Advertiser, 20 January, 1880, p. 3). As expected this suballiance rates poorly in the historical data analysis (Figure 3) as only a few species have high abundance ratings (Appendix 4). From a habitat point of view suballiance No. 6 fits as a transition suballiance from the main body of the riparian rainforest to the backswamps. As noted previously, both Hodgkinson and Perry commented on the abundance of pines on the lower river. Hoop pines (Araucaria cunninghamii) were observed at Stotts Island (Tweed River, northern New South Wales) within one of the largest examples of suballiance No. 6, where they are present on slightly higher areas in amongst the palm trees (Floyd, 1990, v. 2 p. 22). There were no references to palm forests on the 1860s portion plans. There were, however, many references to 'high fern' (e.g. Figure 5) in the areas where this suballiance may have been expected to be present but no documentation was found to confirm its identity (possibly Bracken Pteridium esculentum, Ed.).

As an aid to those using the suballiance conceptual model (Figure 4), the 45 most abundant species in Floyds (1990) species list from each suballiance as determined by the ranking system used in Table 1 is given in Appendix 4.

A total of 17 species from the historical list were not present in the 12 suballiances of interest. Most of these species were collected by Moore in 1861, at a time when there were still substantial areas of rainforest on the floodplain. A reason for their absence could be found for most of the species, however, two species were not able to be located in the Australian Plant Name Index and one (Cupaniopsis serrata) may have been totally lost to New South Wales. The presence of these species in the historical list indicate that the remaining rainforest remnants do not necessarily fully represent what was originally there. This is quite plausible, as the remnants are in locations that are not typical of the habitat of the majority of the original riparian rainforest. The conceptual model (Figure 4) cannot be classified as a complete solution, but based on the currently available evidence, as presented in this paper, it may be a fair representation of what may have been there.

### Conclusion

We may never know the true species composition of the original riparian rainforest of the Clarence floodplain, but this paper has attempted to use the available information to generate a concept of what may have been there. Models do not always generate the correct answer. They do, however, provide a framework that promotes discussion and the basis for the construction of alternatives.

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### References

- Carron, W (1872a) Timber Reserves in the Clarence River District. *The Sydney Morning Herald*. 19th August.
- Carron, W (1872b) Timber Reserves (Report on In Clarence, Richmond and Tweed River Districts). *Legislative Assembly New South Wales*: 861–872.
- Flora of Australia Volume 11B (2001) *Mimosaceae, Acacia part 2.* ABRS/CSIRO Publishing, Melbourne.
- Floyd, AG (1990) Australian Rainforests in New South Wales. Surrey Beatty and Sons, NSW National Parks and Wildlife Service.
- Floyd, AG (2008) Rainforest tress of mainland south-eastern Australia. Terania Rainforest Publishing, Lismore, Australia.
- Ensbey, F (2010) *Clarence Valley Council Riparian Action Strategy.* Clarence Valley Council, Grafton.
- Hodgkinson, C (1845) *Australia from Port Macquarie to Moreton Bay*. T. and W. Boone, London.
- King, CJ (1974) Moore, Charles (1820–1905), Australian Dictionary of Biography, Online Edition, Australian National University.
- Lang, JD (1847) *Cooksland in north-eastern Australia*. Longman, Brown, Green and Longmans, London.
- McFarlane, D (1924) *A History of the Clarence River*. complied from a series of articles in the Daily Examiner by Job (2005). Clarence River Historical Society Inc, Grafton, New South Wales.
- Moore, C (1861a) Scrub Timbers of the Clarence and Richmond Districts. *The Courier*. Brisbane, Qld. 26 September 2–3.
- Moore, C (1861b) Woods indigenous to the Northern district of the colony. London International Exhibition, 1862 : Catalogue of the natural and industrial products of New South Wales. pp. 27–32.
- Moore, C (1867) Woods from the Northern Districts of the Colony. *The Sydney Morning Herald*. 21st February.
- NSW Scientific Committee (1999) Lowland rainforest on floodplain in the NSW North Coast Bioregion – endangered ecological community – final, NSW Department of Environment and Conservation, Sydney.

- Rich, A (1996) What is littoral about rainforest? A study of floristic patterns in coastal rainforests of subtropical eastern Australia. Faculty of Resource Science and Management. Lismore, Southern Cross University. Honours thesis: 120.
- Rose, P (2012) Riparian vegetation on the Clarence Floodplian: historical insights as an aid for today's management, Southern Cross University, Lismore, Australia. M Sc. Thesis.
- Rose, P, Specht, A, Whelan, M & Stubbs, B (2010) Riparian vegetation change on the Clarence River floodplain. *Australasian Journal of Environmental Management* 17: 223–234.
- Silver, V (2010) Draft Maclean flying-fox management strategy, prepared for Clarence Valley Council and Department of Environment and Climate Change and Water, GeoLINK, Lennox Head, New South Wales.
- Stubbs, BJ (1996) A question of competing values: forest and timber conservation in New South Wales, 1838–1996, Southern Cross University, Lismore. PhD Thesis: pp 615.

Vader, J (1987) *Red Gold: The tree that built a nation*. New Holland Publishers (Australia) Pty Ltd. Frenches Forest NSW.

- Wilson, P (2014a) Clarence Floodplain and Estuary Partnership Meeting Minutes 5<sup>th</sup> June 2014, Clarence Valley Council, Grafton, NSW.
- Wilson, P (2014b) Outcomes and actions from CF & EP Workshop, 15<sup>th</sup> October 2014, Clarence Valley Council, Grafton, NSW.

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### Appendix 1. Historical species list – Brush (rainforest) species from the Clarence floodplain as recorded in the mid-19th century

	D	escribed by			Common name	S	Likely current names from the Australian Plant Name Index			
Scientific name (at time of description)	. Moore	Carron	Surveyors	Moore (1861)	Carron (1871)	Surveyors (Wilson: 1841–42, others: 1857–1870)	Scientific name	Common name		
Acacia cunninghamii	∼.	0	Ø	Bastard Myall			Acacia trinervata	Three-veined wattle		
Acacia umbrosa	•			Malla waundie			Acacia binervata	Two-veined hickory		
Achras australis	•			Native plum or iron wood			Pouteria australis	Black apple		
Acmena spp	•			Hickory or lignur vitae	n		Myrtaceae			
Acronychia hillii	•						Sarcomelicope simplicifolia subsp. simplicifolia	Yellowwood		
Ailantus spp.	•			Agundi-gundie			Ailanthus triphysa	White bean		
Alphitonia excellea	•	•		Mountain ash	red ash		Alphitonia excelsa	Red ash		
Araucaria cunninghamii	•	•	•	Pine	Morton Bay pine	Pine	Araucaria cunninghamii	Hoop pine		
Atherosperma micranthum Daphnandra micrantha	•			Tdun-dambie	light yellow wood		Daphnandra micrantha	Manning River socketwood		
Baloghia lucida	•			Nun nala			Baloghia inophylla	Brush bloodwood		
Brachychiton luridum	•			sycamore			Brachychiton discolor	Brush kurrajong		
Busbeckia arborea	•			Tree Caper			Capparis arborea	Brush caper berry		
Cargillia pentamera	•	•		black myrtle	black-myrtle		Diospyros pentamera	Grey persimmon		
Castanospermum australe	•	•	•	Moreton Bay Chestnut or bean tree	bean-tree	Bean	Castanospermum australe	Black bean		
Cedreia toona	•	•	•	Cedar	red cedar	Cedar	Toona ciliata	Red cedar		
Celtis opaca	•						Celtis paniculata	Native hackberry		
Commersonia spp.	•			Brown Kurrajong	<b>7</b>		Commersonia bartramia	Brown kurrajong		
Cryptocarya glaucescens	•			White sycamore			Cryptocarya glaucescens	Silver sycamore		
Cryptocarya obovata	•									
Tetranthera ferruginea	•			ugaulbie			Cryptocarya obovata	Pepperberry		
Cupania anacardioides	•						Cupaniopsis anacardioides	Tuckeroo		
Cupania australis	•			Native tamarind			Diploglottis australis	Native tamarind		
Diploglottis cunninghamii	•									

Described by				Common name	es	m the Australian Plant		
Scientific name (at time of description)	Moore	Carron	Surveyors	Moore (1861)	Carron (1871)	Surveyors (Wilson: 1841–42, others: 1857–1870)	Scientific name	Common name
Cupania pseud-orchis	∼.	0	S	Iccaaya			Jagera pseudorhus	Foambark Tree
Cupania semiglauca	•	•					Guioa semiglauca	Wild quince
Cupania serrata	•			Gulwin gulwin			Cupaniopsis serrata	Smooth tuckeroo
Cupania xylocarpa	•			wootarie			Elattostachys xylocarpa	White tamarind
Diospyros spp.	•						Diospyros spp	
Denhamia pittosporoides	•						Denhamia pittosporoides	Orange boxwood
Duboisia myoporoides	•		•	Corkwood		Cork	Duboisia myoporoides	Cork
Dysoxylon fraserianum	•	•	•		rosewood	Rosewood	Dysoxylum fraserianum	Rosewood, Rose mahogany
Dysoxylon muelleri	•			Pencil cedar or turnip wood			Dysoxylum mollissimum	Miva mahogany
Echinocarpus australis	•			-			Sloanea australis	Blush alder
Endiandra virens	•			Bat & Ball, Nativ pomegranate	/e		Endiandra virens	White apple
Epicarpurus orientalis	•			Elm			Epicarpurus orientalis	
Erythrina vespertilionis	•						Erythrina vespertilio	Grey corkwood
Eugenia ventenatii	•			Large-leafed water gum			Syzygium floribundum	Weeping satinash
Euodia erythrococca	•			Water gam			Dinosperma erythrococcum	n Tingle-tongue
Ficus aspera	•			Small leafed fig			Ficus obliqua	Small leaved fig
Ficus macrophylla	•		•	Large leaved fig		Fig	Ficus macrophylla	Moreton Bay fig
Flindersia australis	•			Ash, beech		Ash	Flindersia australis	Crows ash
1 indersia dastraits			•	Asii, beech		Whitewood	Flindersia schottiana	Crows usi
Geijera salicifolia	•			Balsam Capivi tree			Geijera salicifolia	Green satinheart
Geissois benthamii	•						Geissois benthamii	Brush mahogany
			•			Beech	Gmelina leichhardtii	White beech
Grevillea robusta	•	•			silky-oak		Grevillea robusta	Southern silky oak
Harpullia pendula	•	•	•		tulip-wood	Tulip	Harpullia pendula	Tulipwood
Hartighsia rufa	•			Woggi-amabbie			Dysoxylum rufum	Rusty mahogany
Hodgkinsonia ovatiflora	•			larribie			Hodgkinsonia ovatiflora	Golden ash
Jambosa australis	•			Cherry of the Clarence			Syzygium australe	Brush cherry
Lophostemon australis	•						Lophostemon confertus	Brush box
Mooria campylosperma.	•			Urra wymbie			Citronella moori	Soapy box
Morus brunoniana Myrtus acmenoides	•	•	•	lagaulbie White myrtle	hickory	Hickory	Streblus brunonianus Gossia acmenoides	Whalebone tree Ironwood
Myrtus melastom?e	•						Rhodamnia rubescens	Brush turpentine
Nephelium lanuginosum	•			uroobie				
Nephelium leiocarpum		•					Alectryon subcinereus	Wild quince, bird's eye
Nephelium lucidum	•			Julip wood				Notice alive
Olea paniculata Owenia venosa	•	•		marblewood Tulip wood	marble-wood		Olea paniculata Owenia venosa	Native olive Tulipwood
Panax elegans	•			undambie			Polyscias elegans	Celery wood
Pseudalangium spp.				Walm babie			Alangium villosum subsp.	Black muskheart
r seuaaangum spp.	•			Walli Uaule			polyosmoides	DIACK HIUSKIICALL

Described by					Common name	S	Likely current names from the Australian Plant Name Index			
Scientific name (at time of description)	Moore	Carron	Surveyors	Moore (1861)	Surveyors (Wilson: Carron (1871) 1841–42, others: 1857–1870)		Scientific name	Common name		
Rhus rhodanthema	4		s.	light yellow wood	d satin or yellow wood	Yellowwood	Rhodosphaera rhodanthema	a Tulip satinwood		
Rottlera discolor	•						Mallotus discolor	Yellow kamala		
Rottlera tinctoria	•						Mallotus philippensis	Orange kamala		
Schmidelia anodonta	•			gomphan			Mischocarpus anodontus	Pear fruited tamarind		
Stenocarpus salignus	•			beefwood or silky oak	y		Stenocarpus salignus	Red silky oak		
Stenocarpus sinuatue		•			beefwood or silky oak		Stenocarpus sinuatus	White silky oak		
Synoum glandulosum	•			Rosewood			Synoum glandulosum	Scentless rosewood		
Tabern?emontana spp. Tarrietia argyrodendron	•			Bitter bark Iron wood or byong			Heritiera trifoliolatum	Brown tulip oak		
Trochocarpa laurina		•			bush cherry		Trochocarpa laurina			
Urtica gigas Urtica photiniophylla	•		•	Large Nettle tree Small-leaved nettle		Nettle	Dendrocnide excelsa Dendrocnide photinophylla	Giant stinging tree Shining leaved stinging tree		
Vitex spp	•			Beech-tree			Premna lignum-vitae	Yellow hollywood		
Wistaria megasperma	•						Callerya megasperma	Native wistaria		

# Appendix 2. The 60 species of the total of 77 species from the historical list (Appendix 1) also present in Floyd's (1990) species list.

Family	Species	Name in 1990	Common name
Alangiaceae	Alangium villosum		Black muskheart
Anacardiaceae	Rhodosphaera rhodanthema		Deep yellowwood
Araliaceae	Polyscias elegans		Celery wood
Araucariaceae	Araucaria cunninghamii		Hoop pine
Cannabaceae	Celtis paniculata	Fa. Ulmaceae	Native hackberry
Capparaceae	Capparis arborea		Native pomegranate
Cardiopteridaceae	Citronella moorei	Fa. Icacinaceae	Soapy Box
Cunoniaceae	Geissois benthamii		Red carabeen
Ebenaceae	Diospyros pentamera		Grey persimon
Elaeocarpaceae	Sloanea australis		Mainden's blush
Epacridaceae	Trochocarpa laurina		Tree heath
Euphorbiaceae	Baloghia inophylla		Brush bloodwood
	Mallotus discolor		Yellow kamalla
	Mallotus philippensis		Orange kamalla
Fabaceae	Castanospermum australe		Black bean
Lauraceae	Cryptocarya glaucescens		Jackwood
	Cryptocarya obovata		Pepperberry
	Endiandra virens		White apple
Meliaceae	Dyoxylum fraserianum		Rosewood
	Dysoxylum mollissimum	Dysoxylum muelleri	Red bean
	Dyoxylum rufum		Hairy Rosewood
	Synoum glandulosum		Scentless rosewood
	Toona ciliata	Toona australis	Red cedar
Monimiaceae	Daphnandra micrantha	Fa. Atherospermataceae	Socketwood
Moraceae	Ficus macrophylla		Moreton Bay fig
	Ficus obliqua		Small leaved fig
	Streblus brunonianus		Whalebone tree

MyrtaceaeGossia acmenoidesAustromyrtus acmenoidesScrub ironwoodLophostemon confertusBrush boxRhodamnia rubescensScub turpentine		Species	Name in 1990	Common name
Rhodamnia rubescens Scub turpentine	Myrtaceae	Gossia acmenoides	Austromyrtus acmenoides	Scrub ironwood
		Lophostemon confertus		Brush box
		Rhodamnia rubescens		Scub turpentine
Syzygium australe Brush cherry		Syzygium australe		Brush cherry
Syzgium floribundum Waterhousea floribunda Weeping myrtle		Syzgium floribundum	Waterhousea floribunda	Weeping myrtle
Oleraceae Olea paniculata Native olive	Oleraceae	Olea paniculata		Native olive
Proteaceae Grevillea robusta Silky oak	Proteaceae	Grevillea robusta		Silky oak
Stenocarpus salignus Scrub beefwood		Stenocarpus salignus		Scrub beefwood
Stenocarpus sinuatus Wheel of fire tree		Stenocarpus sinuatus		Wheel of fire tree
RhamnaceaeAlphitonia excelsaRed ash	Rhamnaceae	Alphitonia excelsa		Red ash
Rubiaceae Hodgkinsonia ovatiflora Golden ash	Rubiaceae	Hodgkinsonia ovatiflora		Golden ash
Rutaceae Dinosperma erythrococcum Melicope erthrococca Tingletongue	Rutaceae	Dinosperma erythrococcum	Melicope erthrococca	Tingletongue
Flindersia australis Teak		Flindersia australis		Teak
Flindersia schottiana Bumpy ash		Flindersia schottiana		Bumpy ash
Sarcomelicope simplicifolia Yellow acronychia		Sarcomelicope simplicifolia		Yellow acronychia
Sapindaceae Alectryon subcinereus Wild quince	Sapindaceae	Alectryon subcinereus		Wild quince
Cupaniopsis anacardioides Tuckeroo		Cupaniopsis anacardioides		Tuckeroo
Diploglottis australis Tamarind		Diploglottis australis		Tamarind
Elattostachys xylocarpa Short-leaf beetroot		Elattostachys xylocarpa		Short-leaf beetroot
Guioa semiglauca Guioa		Guioa semiglauca		Guioa
Harpullia pendula Tulipwood		Harpullia pendula		Tulipwood
Jagera pseudohus Foambark		Jagera pseudohus		Foambark
Mischocarpus anodontus Few-leaved brush apple		Mischocarpus anodontus		Few-leaved brush apple
SapotaceaePouteria australisPlanchonella australisBlack apple	Sapotaceae	Pouteria australis	Planchonella australis	Black apple
Simaroubaceae Ailanthus triphysa White bean	Simaroubaceae	Ailanthus triphysa		White bean
Solenaceae Duboisia myoporoides Soft corkwood	Solenaceae	Duboisia myoporoides		Soft corkwood
Sterculiaceae Heritiera trifoliolatum Argyrodendron trifoliolatum White booyong	Sterculiaceae	Heritiera trifoliolatum	Argyrodendron trifoliolatum	White booyong
Brachychiton discolor Lacebark tree		Brachychiton discolor		Lacebark tree
Commersonia bartramia Brown kurrajong		Commersonia bartramia		Brown kurrajong
Urticaceae Dendrocnide excelsa Giant stinging tree	Urticaceae	Dendrocnide excelsa		Giant stinging tree
Dendrocnide photinophylla Shining-leaved stinging tree		Dendrocnide photinophylla		
Verbenaceae Gmelina leichhardtii white beech	Verbenaceae	Gmelina leichhardtii		white beech
Premna lignum-vitae Lignum-vitae		Premna lignum-vitae		Lignum-vitae

## Appendix 3. The historical list of species (Appendix 2) with average abundance data using the rating in Table 2 applied to the abundance data taken from Floyd (1990).

	Floyd's suballiances													
Species	1	2	3	4	5	6	16	23	24	25	26	33		
Ailanthus triphysa	1.5						0.8	0.2	0.3			0.2		
Alangium villosum	1.5	3.5	2.8	1.3	1.5	0.2	1	0.2				1.2		
Alectryon subcinereus	0.5	0.5	0.6	1				2.6	1.3		0.3	0.8		
Alphitonia excelsa	1.8	2	2.6	0.3	1.8	0.2	0.8	2.6	0.3	3	4.8	2.4		
Araucaria cunninghamii			1.4			0.6	1.5	0.6	0.3					
Argyrodendron trifoliolatum	9.0	1	2.4	0.3	2.3			0.6	2			1.2		
Austromyrtus acmenoides		1.5	0.2					0.8		2.3		0.2		
Baloghia inophylla	2.5	1.5	1.2		1	0.6	0.3	3.8	5.3		0.8	2.6		
Brachychiton discolor		0.5	1.8					1.2	0.3					
Capparis arborea	1.5		2.6	1	1			3.8		4				
Castanospermum australe	1.0		2.6	1	10				8.7	3		1.2		
Celtis paniculata	05	1.5	0.8	0.3	1		1.8	0.4	1					
Citronella moorei	1.3	0.5		2	0.8			1.2				1		
Commersonia bartramia	1.0	1.5	0.8	0.3	0.3		1.5	2	0.3			0.6		
Cryptocarya glaucescens		1.5		1.3	0.3	0.6	0.3	0.2			3	2.8		
Cryptocarya obovata	1.0	6	4	1.7	2.8	1		0.6	2.3	4	0.8	1.4		
Cupaniopsis anacardioides			0.2		0.3	0.2	7.3	3.2						
Daphnandra micrantha	2.5	3	1.8	3.3		0.6		1.4	3		1.5	2.4		
Dendrocnide excelsa	3.8	5	6	1.3	1.8			3	2			1.6		

	Floyd's suballiances													
Species	1	2	3	4	5	6	16	23	24	25	26	33		
Dendrocnide photinophylla	2.8	2	2	1.3	2.3		4.5	0.6	1			0.6		
Diospyros pentamera	3.3	3	2.4		1.8	0.6	3.5	3.8	1	1		3		
Diploglottis australis	2.5	3	2	3	2.5		0.8	2.2	1.3	1.3	0.8	2.2		
Duboisia myoporoides	1.5		0.2									0.8		
Dyoxylum fraserianum	2.0	2	0.2	1	1.5		0.8	2.4	2		0.8	1.6		
Dyoxylum muelleri	2.5	0.5	1.2	3.3	5	0.8	1	0.6				0.6		
Dyoxylum rufum	0.3	4.5	2.2	0.3	0.3		0.3	0.2	1			1.2		
Elattostachys xylocarpa								0.6	0.3					
Endiandra virens	0.8											0.2		
Ficus macrophylla	2.3	5	8.4	1	0.8			2.6	1.3			0.2		
Ficus obliqua	2	1.5	3	0.3		0.2	1.8	0.8						
Flindersia australis	0.8		0.4		0.8			0.6				0.2		
Flindersia schottiana			0.8	0.3	2.3		4.8	0.6				0.8		
Geissois benthamii	3.8			2	3.3							5.2		
Gmelina leichhardtii	0.8		0.2	1.3	0.3	0.2	1	0.6	0.3		0.3	1.6		
Grevillea robusta	0.0	3	1.4	1.5	0.5	0.2	1	0.0	4.7	1.7	2.5	1.0		
Guioa semiglauca	2.5	0.5	2	1.3	1.5	0.6	4.5	4.4	1.3	2	2.3	2.4		
Harpullia pendula	0.3	3.5	2.8	1.5	0.3	0.2	0.8		1.5	-	2.5	2.1		
Hodgkinsonia ovatiflora	0.5	0.5	0.8	1	0.8	1.2	4.3	0.4	0.3	1.3		0.2		
Jagera pseudohus	1.8	3	3	0.3	2.3	0.6	1.3	1.4	0.5	2	1	0.2		
Lophostemon confertus	4.5	1.5	5	2.3	1.8	0.6	3	1.4	0.3	2	1	3		
Malotus discolor	2.5	1.5	0.6	2.5	1.5	0.0	1.5	0.6	0.5			0.2		
Malotus aiscolor Malotus philippensis	1.5	1.5	0.0 4.4	2	1.5		1.5	6	4	5.3		0.2		
	1.5	1.5	4.4	2	1.5				4	5.5		0.0		
Melicope erythrococca								0.6						
Mischocarpus anodontus						0.2								
Olea paniculata	0.3		0.4			0.6	1	3.8	0.7					
Planchonella australis	1.8	0.5	2.4	1	1.3		1	2		0.7	1	1.6		
Polyscias elegans	2.0	3	1.4	1	1.8	0.6	2	1.6	0.3			1.4		
Premna lignum-vitae									1					
Rhodamnia rubescens	0.5	3			1	0.6		1.2				2.4		
Rhodosphaera rhodanthema									1					
Sarcomelicope simplicifolia	0.8		0.4		1.8		1.5	2				0.4		
Sloanea australis	5.8		2	7.7	3.3	2.6		0.6			0.3	3.2		
Stenocarpus salignus								0.4				1.6		
Stenocarpus sinuatus	0.8		0.6	1	0.8	0.2		0.6				0.2		
Streblus brunonianus	1.0	5	5.6		1.5			9.2	3.3	8.7	0.3	0.2		
Synoum glandulosum			_	2	0.8	1.8	0.3	0.6			0.8	3		
Syzygium australe	1.5	_	1	2	0.3	0.5	1.8	0.8	4	1.3	0.6	0.8		
Toona australis	0.3	5	1.4	5.3	2.3	0.2		1	2.3		0.8	0.6		
Trochocarpa laurina						2.6	2.3	0.6				2.8		
Waterhousea floribunda			1.8					0.6						
Sum of average abundance values	82	83	87	56	69	18	58	84	59	42	22	63		
Total abundance value	225	196	193	160	156	86	193	214	132	126	107	213		
Percentage of historial list of the total abundance	37%	42%	45%	35%	44%	21%	30%	39%	45%	33%	20%	30%		
No. of species (max. 60)	44	35	45	34	41	26	31	52	33	15	18	45		
Total No. of species	161	93	146	103	134	99	95	166	75	52	80	184		
Percentage of historial list of the total no. of species	27%	38%	31%	33%	31%	26%	33%	31%	44%	29%	23%	24%		

### Appendix 4. Rainforest trees by suballiance that have been sorted by abundance.

These lists have been created from Floyd's species list (Floyd 1990, v. 2 microfiche) and have been sorted so that the top 45 most abundant species from the represented sites are listed. These could be the species to be used to start any rainforest recreation activities. This assumes that the more abundant species are the more successful in the ecological niche for that particular suballiance and therefore have the greatest chance of becoming established. These lists would be used in conjunction with the model of the location of the suballiances on the floodplain as an aid in species selection for any given site on the floodplain.

The lists show the species name using the 1990 names used in Floyd (1990). The abundance rating is shown for each of the listed sites and the average rating across all sites. In addition, the highest abundance rating for all sites is shown.

### Table 2 (from main document) Numerical rating values applied to Floyd's (1990 v. 1 p. 23) abundance ratings.

Abun	dance rating	Basis for abundance rating	Numerical rating			
VC	Very common	Top 1–6 most common species	10			
С	Common	More than 5 individuals	6			
0	Occasional	2 to about 5 individuals	3			
R	Rare	1 only seen	1			

### Suballiance No. 2 Toona – Flindersia spp.

Site	Location					
1	Stotts Is NR					

2 Hortons Ck., Leasehold

				Sit	te	Av. abund.	Max of	
Family	Genus	Species	Common	1	2	ratings	abund. ratings	
Sapindaceae	Elattostachys	nervosa	Beetroot	3	10	6.5	10	
Lauraceae	Cryptocarya	obovata	Pepperberry	6	6	6	6	
Rutaceae	Flindersia	schottina	Bumpy ash	6	6	6	6	
Ulmaceae	Aphananthe	philippinensis	Native elm	10		5	10	
Moraceae	Ficus	macrophylla	Moreton bay fig	10		5	10	
Moraceae	Streblus	brunonianus	Whalebone tree	10		5	10	
Urticaceae	Dendrocnide	excelsa	Giant stinging tree		10	5	10	
Meliaceae	Melia	azedarach var. australasica	White cedar		10	5	10	
Meliaceae	Toona	australis	Red cedar		10	5	10	
Sterculiaceae	Argyrodendron	actinophyllum	Black booyong	10		5	10	
Moraceae	Ficus	coronata	Creek sandpaper fig	6	3	4.5	6	
Meliaceae	Dyoxylum	rufum	Hairy Rosewood	6	3	4.5	6	
Sapindaceae	Harpullia	pendula	Tulipwood	6	1	3.5	6	
Alangiaceae	Alangium	villosum	Black muskheart	1	6	3.5	6	
Podocacarpaceae	Podocarpus	elatus	Brown pine	6		3	6	
Arecaceae	Archontophoenix	cunninghamiana	Bangalow palm	3	3	3	3	
Proteaceae	Grevillea	robusta	Silky oak		6	3	6	
Atherospermataceae	Daphnandra	micrantha	Socketwood		6	3	6	
Lauraceae	Endiandra	muelleri	Green-leaved rose walnut		6	3	6	
Lauraceae	Neolitsea	dealbata	White bolly gum		6	3	6	
Euphorbiaceae	Cleistanthus	cunnunghamii	Cleistanthus	6		3	6	
Euphorbiaceae	Croton	verreauxii	Green native cascarilla	3	3	3	3	
Euphorbiaceae	Drypetes	australasica	Yellow tulip	6		3	6	
Celastraceae	Denhamia	celastroides	Orange boxwood		6	3	6	
Sapindaceae	Diploglottis	australis	Tamarind	3	3	3	3	
Sapindaceae	Jagera	pseudohus	Foambark	3	3	3	3	
Elaeocarpaceae	Elaeocarpus	grandis	Blue fig	6		3	6	
Elaeocarpaceae	Elaeocarpus	obovatus	Blueberry ash	6		3	6	
Myrtaceae	Austromyrtus	bidwillii	Python tree	3	3	3	3	
Myrtaceae	Rhodamnia	rubescens	Scub turpentine		6	3	6	
Araliaceae	Polyscias	legans	Celery wood	3	3	3	3	

Sapotaceae	Planchonella	laurifolia	Blush coondoo	6		3	6
Ebenaceae	Diospyros	pentamera	Grey persimon	3	3	3	3
Urticaceae	Dendrocnide	photinophylla	Shining-leaved stinging tree	1	3	2	3
Rutaceae	Acronychia	oblongifolia	Common acronychia	1	3	2	3
Meliaceae	Dyoxylum	fraserianum	Rosewood	1	3	2	3
Rhamnaceae	Alphitonia	excelsa	Red ash	3	1	2	3
Ulmaceae	Celtis	paniculata	Native hackberry	3		1.5	3
Moraceae	Ficus	fraseri	Sandpaper fig	3		1.5	3
Moraceae	Ficus	obliqua	Small-leaved fig	3		1.5	3
Moraceae	Ficus	virens var. sublanceolata	White fig	3		1.5	3
Moraceae	Ficus	watkinsiana	Strangler fig		3	1.5	3
Lauraceae	Beilschmiedia	obtusifolia	Hard bolly gum	3		1.5	3

### Suballiance No. 3 Cryptocarya obovata – Dendrocnide excels – Ficus spp – Araucaria

Site	Location
1	Stotts Is. N.R.
2	Boat Harbour N.R.
3	Susan Island. N.R.
4	Bellingen Is. Rec. Res.

5 Wingham Brush Rec. & Flora Res.

						Site			Av.	Max of
Family	Genus	Species	Common	1	2	3	4	5	abund. ratings	abund. ratings
Moraceae	Ficus	macrophylla	Moreton bay fig	10	6	10	6	10	8.4	10
Ulmaceae	Aphananthe	philippinensis	Native elm	10	10	6		10	7.2	10
Urticaceae	Dendrocnide	excelsa	Giant stinging tree			10	10	10	6	10
Moraceae	Streblus	brunonianus	Whalebone tree	6	6	10		6	5.6	10
Meliaceae	Melia	azedarach var. australasic	aWhite cedar		3	3	6	10	4.4	10
Euphorbiaceae	Malotus	philippensis	Orange kamalla	3	10	6		3	4.4	10
Moraceae	Ficus	coronata	Creek sandpaper fig	1	3	6	10	1	4.2	10
Lauraceae	Cryptocarya	obovata	Pepperberry	3	10	1	3	3	4	10
Lauraceae	Endiandra	pubens	White bark walnut		10		6		3.2	10
Moraceae	Ficus	obliqua	Small-leaved fig	3	6		6		3	6
Sapindaceae	Jagera	pseudohus	Foambark		6	3	6		3	6
Sapindaceae	Harpullia	pendula	Tulipwood	3	1	10			2.8	10
Alangiaceae	Alangium	villosum	Black muskheart		1		3	10	2.8	10
Capparaceae	Capparis	arborea	Native pomegranate		6	1		6	2.6	6
Fabaceae	Castanospermum	australe	Black bean		6	3	1	3	2.6	6
Rutaceae	Euodia	micrococca	White euodia		6		6	1	2.6	6
Rhamnaceae	Alphitonia	excelsa	Red ash	3	6	3		1	2.6	6
Elaeocarpaceae	Elaeocarpus	obovatus	Blueberry ash	6	3	3		1	2.6	6
Myrtaceae	Eucalyptus	tereticornis	Forest red gum		3	10			2.6	10
Myrtaceae	Syzygium	francisii	Giant water-gum	6	6		1		2.6	6
Sterculiaceae	Argyrodendron	trifoliolatum	White booyong		6		6		2.4	6
Sapotaceae	Planchonella	australis	Black apple		6			6	2.4	6
Ebenaceae	Diospyros	pentamera	Grey persimon	3		3	3	3	2.4	3
Lauraceae	Cinnamomum	oliveri	Oliver's sasafrass		10		1		2.2	10
Meliaceae	Dyoxylum	rufum	Hairy Rosewood		3	1	1	6	2.2	6
Arecaceae	Archontophoenix	cunninghamiana	Bangalow palm	10					2	10
Moraceae	Ficus	watkinsiana	Strangler fig		3	1	6		2	6
Urticaceae	Dendrocnide	photinophylla	Shining-leaved stinging tree	1	6		3		2	6
Lauraceae	Neolitsea	dealbata	White bolly gum		3	1	3	3	2	3
Mimosaceae	Pararchidendron	pruinosum	Snow-wood		1	3	3	3	2	3
Sapindaceae	Diploglottis	australis	Tamarind		3		6	1	2	6
Sapindaceae	Guioa	semiglauca	Guioa	1	3		3	3	2	3
Elaeocarpaceae	Sloanea	australis	Mainden's blush				10		2	10
Atherospermatacea	e Daphnandra	micrantha	Socketwood		3			6	1.8	6

Lauraceae	Endiandra	muelleri	Green-leaved rose walnut		6	3			1.8	6
Lauraceae	Litsea	australis	Brown bolly gum		6	3			1.8	6
Euphorbiaceae	Drypetes	australasica	Yellow tulip	6	3				1.8	6
Sapindaceae	Elattostachys	nervosa	Beetroot		3		3	3	1.8	3
Sterculiaceae	Brachychiton	discolor	Lacebark tree		3	6			1.8	6
Myrtaceae	Waterhousea	floribunda	Weeping myrtle				6	3	1.8	6
Araucariaceae	Araucaria	cunninghamii	Hoop pine	3	3			1	1.4	3
Moraceae	Ficus	fraseri	Sandpaper fig	1	3	3			1.4	3
Proteaceae	Grevillea	robusta	Silky oak		3	1	3		1.4	3

### Suballiance No. 4 Elaeocarpus grandis

Site Location

1 Wanganui P.P.

Terania Ck., Nightcap N.P.
 Middle Ck., Gibraltar Range N.P.

							Av.	Max of
Family	Genus	Species	Common	1	2	3	abund. ratings	abund. ratings
Arecaceae	Archontophoenix	cunninghamiana	Bangalow palm	10	10	10	10.0	10
Elaeocarpaceae	Sloanea	australis	Mainden's blush	10	10	3	7.7	10
Elaeocarpaceae	Elaeocarpus	grandis	Blue fig	3	6	10	6.3	10
Escelloniaceae	Cuttsia	viburnea	Elderberry	3	3	10	5.3	10
Meliaceae	Toona	australis	Red cedar	10		6	5.3	10
Moraceae	Ficus	coronata	Creek sandpaper fig	6	6	3	5.0	6
Atherospermataceae	Daphnandra	micrantha	Socketwood	6	3	1	3.3	6
Lauraceae	Cryptocarya	rigida	Rose maple			10	3.3	10
Meliaceae	Dyoxylum	melleri	Red bean	10			3.3	10
Myrtaceae	Syzygium	crebrinerva	Purple cherry	10			3.3	10
Lauraceae	Endiandra	pubens	White bark walnut	6	3		3.0	6
Cunoniaceae	Caldcluvia	paniculosa	Corkwood	3		6	3.0	6
Euphorbiaceae	Glochidion	ferdinandi	Cheese tree	6		3	3.0	6
Sapindaceae	Castanospora	alphandii	Brown tamarind	6	3		3.0	6
Sapindaceae	Diploglottis	australis	Tamarind	6		3	3.0	6
Myrtaceae	Austromyrtus	lasioclada	Velvet myrtle	6	3		3.0	6
Moraceae	Ficus	watkinsiana	Strangler fig	1		6	2.3	6
Lauraceae	Neolitsea	dealbata	White bolly gum	1		6	2.3	6
Icacinaceae	Pennantia	cunninghamii	Brown beech	3	1	3	2.3	3
Myrtaceae	Lophostemon	confertus	Brush box	1		6	2.3	6
Cunoniaceae	Geissois	benthamii	Red carabeen	6			2.0	6
Meliaceae	Synoum	glandulosum	Scentless rosewood			6	2.0	6
Euphorbiaceae	Malotus	philippensis	Orange kamalla	3		3	2.0	3
Icacinaceae	Citronella	moorei	Soapy box	3		3	2.0	3
Myrtaceae	Acema	smithii var. minor	Small leaved lilly pilly	6			2.0	6
Myrtaceae	Syzygium	australe	Brush cherry			6	2.0	6
Myrtaceae	Syzygium	hodgkinsoniae	Smooth-bark rose apple	6			2.0	6
Myrtaceae	Tristaniosis	laurina	Water gum	6			2.0	6
Lauraceae	Cryptocarya	obovata	Pepperberry	3	1	1	1.7	3
Urticaceae	Dendrocnide	excelsa	Giant stinging tree	1		3	1.3	3
Urticaceae	Dendrocnide	photinophylla	Shining-leaved stinging tree	1		3	1.3	3
Eupomatiaceae	Eupomatia	laurina	Bolwarra	1		3	1.3	3
Lauraceae	Cryptocarya	glaucescens	Jackwood	1		3	1.3	3
Lauraceae	Endiandra	muelleri	Green-leaved rose walnut	3		1	1.3	3
Pittosporaceae	Hymenosporum	fiavum	Native frangipani	1		3	1.3	3
Pittosporaceae	Pittosporum	undulatum	Sweet pittosporum	3		1	1.3	3
Cunoniaceae	Ceratopetalum	apetalum	Coachwood	1		3	1.3	3
Cunoniaceae	Schizomeria	ovata	Crabapple	1		3	1.3	3
Mimosaceae	Acacia	melanoxylon	Blackwood	1		3	1.3	3

Meliaceae	Melia	azedarach var. australasica	White cedar	1	3	1.3	3
Anacardiaceae	Euroschinus	falcata	Chinaman's cedar	3	1	1.3	3
Sapindaceae	Guioa	semiglauca	Guioa	1	3	1.3	3
Myrtaceae	Syzygium	olersum	Blue cherry	1	3	1.3	3

### Suballiance No. 5 Castanospermum – Dysoxylum mollissimum

ah N.R.
na Reserve

					Site			Av.	Max of
Family	Genus	Species	Common	1	2	3	4	abund. ratings	abund. ratings
Fabaceae	Castanospermum	australe	Black bean	10	10	10	10	10.0	10
Meliaceae	Dyoxylum	muelleri	Red bean			10	10	5.0	10
Cunoniaceae	Geissois	benthamii	Red carabeen	3	10			3.3	10
Elaeocarpaceae	Sloanea	australis	Mainden's blush		10	3		3.3	10
Meliaceae	Anthocarapa	nitidula	Bog onion	3	6	3		3.0	6
Lauraceae	Cryptocarya	obovata	Pepperberry	1	3	1	6	2.8	6
Moraceae	Ficus	watkinsiana	Strangler fig	6	3		1	2.5	6
Mimosaceae	Pararchidendron	pruinosum	Snow-wood	3	1	3	3	2.5	3
Sapindaceae	Diploglottis	australis	Tamarind	1	3	3	3	2.5	3
Moraceae	Ficus	fraseri	Sandpaper fig			6	3	2.3	6
Urticaceae	Dendrocnide	photinophylla	Shining-leaved stinging tree	6			3	2.3	6
Lauraceae	Endiandra	muelleri	Green-leaved rose walnut		3	6		2.3	6
Lauraceae	Endiandra	pubens	White bark walnut	3		6		2.3	6
Rutaceae	Flindersia	schottina	Bumpy ash			6	3	2.3	6
Meliaceae	Toona	australis	Red cedar	3		3	3	2.3	3
Sapindaceae	Arytera	distylis	Two-leaved coogara	6		3		2.3	6
Sapindaceae	Jagera	pseudohus	Foambark	3		3	3	2.3	3
Elaeocarpaceae	Sloanea	woollsii	Yellow carabeen		6	3		2.3	6
Sterculiaceae	Argyrodendron	trifoliolatum	White booyong	3	3	3		2.3	3
Sterculiaceae	Brachychiton	acerifolius	Flame tree	6	1	1		2.0	6
Ulmaceae	Aphananthe	philippinensis	Native elm			1	6	1.8	6
Urticaceae	Dendrocnide	excelsa	Giant stinging tree	3		3	1	1.8	3
Rutaceae	Sarcomelicope	simplicifolia	Yellow acronychia		1	3	3	1.8	3
Meliaceae	Melia	azedarach var. australasica	White cedar	3		3	1	1.8	3
Sapindaceae	Sarcopteryx	stipata	Steelwood	6		1		1.8	6
Rhamnaceae	Alphitonia	excelsa	Red ash	3		3	1	1.8	3
Myrtaceae	Lophostemon	confertus	Brush box	6			1	1.8	6
Myrtaceae	Syzygium	crebrinerva	Purple cherry		1	6		1.8	6
Myrtaceae	Syzygium	hodgkinsoniae	Smooth-bark rose apple	6		1		1.8	6
Araliaceae	Polyscias	legans	Celery wood	3		3	1	1.8	3
Ebenaceae	Diospyros	pentamera	Grey persimmon	3	1	3		1.8	3
Moraceae	Streblus	brunonianus	Whalebone tree				6	1.5	6
Proteaceae	Macadamia	tetraphylla	Rough-shelled bush nut			3	3	1.5	3
Atherospermataceae	Daphnandra	tenuipes	Red-flowered socketwood	3	3			1.5	3
Lauraceae	Neolitsea	australiensis	Smooth-barked booly gum			6		1.5	6
Lauraceae	Neolitsea	dealbata	White bolly gum	3		3		1.5	3
Cunoniaceae	Pseudoweinmannia	lachnocarpa	Mararie	6				1.5	6
Rutaceae	Euodia	micrococca	White euodia			6		1.5	6
Rutaceae	Melicope	octandra	Doughwood			6		1.5	6
Meliaceae	Dyoxylum	fraserianum	Rosewood	3		3		1.5	3
Euphorbiaceae	Actephila	lindleyi	Actephila			6		1.5	6
Euphorbiaceae	Malotus	discolor	Yellow kamalla			6		1.5	6
Euphorbiaceae	Malotus	philippensis	Orange kamalla			3	3	1.5	3
1			c						

### Suballiance No. 6 Archontophoenix – Livistona

#### Site Location

1	Stotts Is. N.R.
2	Round Mtn. Lease

- Terania Ck., Nightcap N.P. Clarence Peak, freehold Yahou Is. N.R.
- 3 4 5

				Site		Av.	Max of			
Family	Genus	Species	Common	1	2	3	4	5	abund. ratings	abund. ratings
Arecaceae	Archontophoenix	cunninghamiana	Bangalow palm	3	10	10	10		6.6	10
Arecaceae	Livistona	australis	Cabbage tree palm	10	3		10	10	6.6	10
Elaeocarpaceae	Sloanea	australis	Mainden's blush		3	10			2.6	10
Epacridaceae	Trochocarpa	laurina	Tree heath		3		10		2.6	10
Moraceae	Ficus	coronata	Creek sandpaper fig		6	6			2.4	6
Lauraceae	Endiandra	discolor	Rose walnut		6		6		2.4	6
Elaeocarpaceae	Elaeocarpus	grandis	Blue fig		6	6			2.4	6
Sapotaceae	Planchonella	laurifolia	Blush coondoo		10				2	10
Meliaceae	Synoum	glandulosum	Scentless rosewood		3		6		1.8	6
Euphorbiaceae	Glochidion	ferdinandi	Cheese tree				3	6	1.8	6
Myrtaceae	Melaleuca	quinquenervia	Broad-leaved paper-bark	3				6	1.8	6
Oleraceae	Notelaea	lonifolia	Large mock-olive		3			6	1.8	6
Elaeocarpaceae	Elaeocarpus	obovatus	Blueberry ash	6	1	1			1.6	6
Rutaceae	Acronychia	oblongifolia	Common acronychia				1	6	1.4	6
Casuarinaceae	Casuarina	glauca	Swamp she-oak	3				3	1.2	3
Lauraceae	Endiandra	globosa	Black walnut		6				1.2	6
Lauraceae	Neolitsea	dealbata	White bolly gum		6				1.2	6
Cunoniaceae	Ceratopetalum	gummiferum	NSW christmas bush				6		1.2	6
Cunoniaceae	Schizomeria	ovata	Crabapple				6		1.2	6
Mimosaceae	Acacia	maidenii	Mainden's wattle					6	1.2	6
Mimosaceae	Archidendron	grandifolorum	Pink lace-flower		3	3			1.2	3
Euphorbiaceae	Glochidion	sumatranum	Umbrella cheese tree		6				1.2	6
Myrtaceae	Acema	smithii	Lilli Pilly				3	3	1.2	3
Myrtaceae	Callistemon	salignus	White bottlebrush					6	1.2	6
Myrtaceae	Rhodamnia	maideniana	Smooth-leaved brush turpentine		6				1.2	6
Myrtaceae	Syzygium	olersum	Blue cherry		3		3		1.2	3
Rubiaceae	Hodgkinsonia	ovatiflora	Golden ash		3		3		1.2	3
Lauraceae	Cryptocarya	obovata	Pepperberry	1	3	1			1	3
Meliaceae	Dyoxylum	melleri	Red bean	1	3				0.8	3
Sapindaceae	Mischocarpus	pyiformis	Brush apple	1	3				0.8	3
Myrtaceae	Syzygium	moorei	Rose apple	1	3				0.8	3
Araucariaceae	Araucaria	cunninghamii	Hoop pine	3					0.6	3
Moraceae	Ficus	fraseri	Sandpaper fig					3	0.6	3
Moraceae	Ficus	watkinsiana	Strangler fig		3				0.6	3
Atherospermataceae	Daphnandra	micrantha	Socketwood			3			0.6	3
Lauraceae	Cryptocarya	glaucescens	Jackwood				3		0.6	3
Lauraceae	Cryptocarya	rigida	Rose maple				3		0.6	3
Lauraceae	Endiandra	muelleri	Green-leaved rose walnut		3				0.6	3
Lauraceae	Endiandra	pubens	White bark walnut			3			0.6	3
Lauraceae	Endiandra	sieberi	Hard corkwood				3		0.6	3
Escelloniaceae	Cuttsia	viburnea	Elderberry			3			0.6	3
Pittosporaceae	Hymenosporum	fiavum	Native frangipani		3				0.6	3
Pittosporaceae	Pittosporum	undulatum	Sweet pittosporum				3		0.6	3

### Suballiance No. 16 Syzygium luehmannii – Acmena hemilampra

Site Location Broken Head N.R. & Rec. Reserve 1 2 3 luka N.R.

Bundagen F.R. Yarrahapinni Ecology Study Centre 4

				Site			Av.	Max of	
Family	Genus	Species	Common	1	2	3	4	abund. ratings	abund. ratings
Sapindaceae	Mischocarpus	pyiformis	Brush apple	6	10	6	10	8.0	10
Myrtaceae	Syzygium	luehmannii	Riberry		10	10	10	7.5	10
Sapindaceae	Cupaniopsis	anacardioides	Tuckeroo	10	6	10	3	7.3	10
Euphorbiaceae	Drypetes	australasica	Yellow tulip	3	10	1	6	5.0	10
Rutaceae	Acronychia	imperforata	Beach acronychia	3	10	3	3	4.8	10
Rutaceae	Flindersia	schottina	Bumpy ash	3	10		6	4.8	10
Anacardiaceae	Euroschinus	falcata	Chinaman's cedar		6	10	3	4.8	10
Moraceae	Ficus	watkinsiana	Strangler fig		6	6	6	4.5	6
Urticaceae	Dendrocnide	photinophylla	Shining-leaved stinging tree		6	6	6	4.5	6
Sapindaceae	Guioa	semiglauca	Guioa	3	6	6	3	4.5	6
Arecaceae	Archontophoenix	cunninghamiana	Bangalow palm	10	1	3	3	4.3	10
Rubiaceae	Hodgkinsonia	ovatiflora	Golden ash	10	1	3	3	4.3	10
Podocacarpaceae	Podocarpus	elatus	Brown pine	1	3	6	6	4.0	6
Ulmaceae	Aphananthe	philippinensis	Native elm	10			6	4.0	10
Proteaceae	Banksia	integrifolia	Coast banksia	3	3	10		4.0	10
Celastraceae	Cassine	australis	Red olive berry	3	6	6	1	4.0	6
Sapindaceae	Arytera	divaricara	Coogara		10	3	3	4.0	10
Myrtaceae	Acema	hemilampra	Broad-leaved lilly pilly	6	10			4.0	10
Rubiaceae	Canthium	coprosmoides	Coast canthium	6	6	1	3	4.0	6
Myrtaceae	Rhodomyrtus	psidioides	Native guava	3	3	3	6	3.8	6
Myrtaceae	Syzygium	olersum	Blue cherry	3	6	3	3	3.8	6
Oleraceae	Notelaea	lonifolia	Large mock-olive		6	3	6	3.8	6
Ebenaceae	Diospyros	pentamera	Grey persimon		10	3	1	3.5	10
Euphorbiaceae	Glochidion	ferdinandi	Cheese tree	6	3	1	3	3.3	6
Lauraceae	Litsea	australis	Brown bolly gum	3	3	3	3	3.0	3
Rutaceae	Flindersia	bennettiana	Bennett's ash	6	6			3.0	6
Rutaceae	Halfordia	kendack	Saffronheart	6	6			3.0	6
Sapindaceae	Alectryon	coniaceus	Beach bird's eye		6	6		3.0	6
Myrtaceae	Lophostemon	confertus	Brush box	3	3	3	3	3.0	3
Moraceae	Ficus	coronata	Creek sandpaper fig		1	3	6	2.5	6
Moraceae	Ficus	fraseri	Sandpaper fig	3	3	1	3	2.5	3
Myrtaceae	Rhodamnia	argentea	Malletwood		6		3	2.3	6
Epacridaceae	Trochocarpa	laurina	Tree heath		3	3	3	2.3	3
Myrtaceae	Acema	smithii	Lilli Pilly		1	6	1	2.0	6
Araliaceae	Polyscias	legans	Celery wood	3	1	3	1	2.0	3
Ulmaceae	Celtis	paniculata	Native hackberry		3	1	3	1.8	3
Moraceae	Ficus	obliqua	Small-leaved fig		3	3	1	1.8	3
Lauraceae	Endiandra	discolor	Rose walnut		1	6		1.8	6
Euphorbiaceae	Claoxylon	australe	Brittlewood		6	1		1.8	6
Myrtaceae	Syzygium	australe	Brush cherry	1		6		1.8	6
Araucariaceae	Araucaria	cunninghamii	Hoop pine	6				1.5	6
Arecaceae	Livistona	australis	Cabbage tree palm		3		3	1.5	3
Lauraceae	Cryptocarya	triplinervis	Three veined laurel	3	3			1.5	3
	-								

### Suballiance No. 24 Castanospermum – Grevillea robusta

### Site Location

- 1 Sawpit Ck., Border Ranges N.P.
- 2 Moore Park Rec. Reserve
- 3 Yorklea, Freehold

Family	Genus	Species	Common	1	Site 2	3	Av. abund. ratings	Max of abund. ratings
Fabaceae	Castanospermum	australe	Black bean	6	10	10	8.7	10
Casuarinaceae	Casuarina	cunninghamiana	River oak		10	6	5.3	10
Ulmaceae	Aphananthe	philippinensis	Native elm	3	10	3	5.3	10
Euphorbiaceae	Baloghia	inophylla	Brush bloodwood	6	10		5.3	10
Moraceae	Ficus	coronata	Creek sandpaper fig	6	6	3	5.0	6
Proteaceae	Grevillea	robusta	Silky oak	3	10	1	4.7	10
Euphorbiaceae	Malotus	philippensis	Orange kamalla	3	6	3	4.0	6
Myrtaceae	Syzygium	australe	Brush cherry	6	3	3	4.0	6
Myrtaceae	Syzygium	francisii	Giant water-gum	10	1		3.7	10
Podocacarpaceae	Podocarpus	elatus	Brown pine		10		3.3	10
Moraceae	Streblus	brunonianus	Whalebone tree	3	6	1	3.3	6
Myrtaceae	Eucalyptus	grandis	Flooded gum	10			3.3	10
Myrtaceae	Melaleuca	bracteata	White cloud tree		10		3.3	10
Atherospermataceae	Daphnandra	micrantha	Socketwood	6	3		3.0	6
Mimosaceae	Acacia	concurrens	Curracabah		6	3	3.0	6
Surianaceae	Guifoylia	monostylis	Native plum	6	3		3.0	6
Sapindaceae	Arytera	divaricara	Coogara	6	3		3.0	6
Lauraceae	Beilschmiedia	elliptica	Grey walnut	1	6		2.3	6
Lauraceae	Cryptocarya	obovata	Pepperberry	3	3	1	2.3	3
Lauraceae	Cryptocarya	triplinervis	Three veined laurel		1	6	2.3	6
Meliaceae	Toona	australis	Red cedar	6	1		2.3	6
Urticaceae	Dendrocnide	excelsa	Giant stinging tree	6			2.0	6
Lauraceae	Beilschmiedia	obtusifolia	Hard bolly gum	3	3		2.0	3
Mimosaceae	Pararchidendron	pruinosum	Snow-wood		6		2.0	6
Meliaceae	Dyoxylum	fraserianum	Rosewood	6			2.0	6
Meliaceae	Melia	azedarach var. australasica	<i>i</i> White cedar	3	3		2.0	3
Sapindaceae	Elattostachys	nervosa	Beetroot	6			2.0	6
Sterculiaceae	Argyrodendron	actinophyllum	Black booyong	6			2.0	6
Sterculiaceae	Argyrodendron	trifoliolatum	White booyong	6			2.0	6
Myrtaceae	Acema	smithii	Lilli Pilly			6	2.0	6
Myrtaceae	Callistemon	viminalis	Drooping bottlebrush		3	3	2.0	3
Moraceae	Ficus	macrophylla	Moreton bay fig	3	1		1.3	3
Rutaceae	Acronychia	oblongifolia	Common acronychia		1	3	1.3	3
Sapindaceae	Alectryon	subcinereus	Wild quince	3	1		1.3	3
Sapindaceae	Diploglottis	australis	Tamarind	3	1		1.3	3
Sapindaceae	Guioa	semiglauca	Guioa	3	1		1.3	3
Ulmaceae	Celtis	paniculata	Native hackberry		3		1.0	3
Urticaceae	Dendrocnide	photinophylla	Shining-leaved stinging tree	3			1.0	3
Lauraceae	Endiandra	muelleri	Green-leaved rose walnut	1	1	1	1.0	1
Lauraceae	Litsea	australis	Brown bolly gum	3			1.0	3
Lauraceae	Neolitsea	australiensis	Smooth-barked booly gum	3			1.0	3
Lauraceae	Neolitsea	dealbata	White bolly gum		3		1.0	3
Pittosporaceae	Hymenosporum	fiavum	Native frangipani		3		1.0	3

### Suballiance No. 33 Ceratopetalum/Schizomeria – Argyrodendron/Sloanea

Site	Location
1	Hogans Scrub, Freehold
2	Middle Ck., F.R., Marengo S.F.
3	Bruxner Park F.R., Orara East S.F.
4	Waterfall and Cockerawombeeba Cks., Mt. Boss S.F.
5	Weelah N.R.

						Site			Av.	Max of
Family	Genus	Species	Common	1	2	3	4	5	abund. ratings	abund. ratings
Elaeocarpaceae	Sloanea	woollsii	Yellow carabeen	3	10	10	10	3	7.2	10
Cunoniaceae	Geissois	benthamii	Red carabeen	1	3	6	10	6	5.2	10
Sterculiaceae	Argyrodendron	actinophyllum	Black booyong		10	3	6	6	5	10
Atherospermataceae	Doryphora	sassafras	Sassafras	6	6	3	6	3	4.8	6
Cunoniaceae	Ceratopetalum	apetalum	Coachwood	10	3	10			4.6	10
Arecaceae	Archontophoenix	cunninghamiana	Bangalow palm	10		10			4	10
Lauraceae	Cryptocarya	meissneriana	Thick-leaved laurel	3			10	6	3.8	10
Escelloniaceae	Polyosma	cunninghamii	Featherwood	3	3	6	3	3	3.6	6
Cunoniaceae	Caldcluvia	paniculosa	Corkwood	3	3	3	3	6	3.6	6
Lauraceae	Cryptocarya	microneura	Murrogun	3		6	1	6	3.2	6
Elaeocarpaceae	Sloanea	australis	Mainden's blush	6		10			3.2	10
Moraceae	Ficus	coronata	Creek sandpaper fig		6	3	6		3	6
Proteaceae	Orites	excelsa	Prickly ash	3	6	3	3		3	6
Cunoniaceae	Schizomeria	ovata	Crabapple		3	3	3	6	3	6
Meliaceae	Synoum	glandulosum	Scentless rosewood	3		3	3	6	3	6
Myrtaceae	Lophostemon	confertus	Brush box	6		6	3		3	6
Ebenaceae	Diospyros	pentamera	Grey persimon	3	3	6		3	3	6
Moraceae	Ficus	watkinsiana	Strangler fig	3		10		1	2.8	10
Lauraceae	Cryptocarya	glaucescens	Jackwood	6	1	3	1	3	2.8	6
Epacridaceae	Trochocarpa	laurina	Tree heath	3	1	3	1	6	2.8	6
Escelloniaceae	Quintinia	verdonii	Grey possumwood	3		6	1	3	2.6	6
Rutaceae	Acradenia	euodiiformia	Bonewood			10	3		2.6	10
Euphorbiaceae	Baloghia	inophylla	Brush bloodwood				3	10	2.6	10
Myrtaceae	Acema	smithii	Lilli Pilly	6	1		3	3	2.6	6
Atherospermataceae	Daphnandra	micrantha	Socketwood		1		1	10	2.4	10
Lauraceae	Cryptocarya	rigida	Rose maple			6	3	3	2.4	6
Icacinaceae	Pennan??a	cunninghamii	Brown beech		6		3	3	2.4	6
Sapindaceae	Guioa	semiglauca	Guioa	3		3		6	2.4	6
Rhamnaceae	Alphitonia	excelsa	Red ash	6		6			2.4	6
Myrtaceae	Rhodamnia	rubescens	Scub turpentine	3		6		3	2.4	6
Lauraceae	Neolitsea	dealbata	White bolly gum	3		6	1	1	2.2	6
Sapindaceae	Diploglottis	australis	Tamarind	3	1	3	1	3	2.2	3
Sapindaceae	Sarcopteryx	stipata	Steelwood	3	1	3	1	3	2.2	3
Lauraceae	Endiandra	muelleri	Green-leaved rose walnut	3		3	1	3	2	3
Elaeocarpaceae	Elaeocarpus	reticulatus	Lily-of-the-valley tree	3		3	1	3	2	3
Lauraceae	Endiandra	discolor	Rose walnut	6		3			1.8	6
Myrtaceae	Eucalyptus	grandis	Flooded gum	3		6			1.8	6
Urticaceae	Dendrocnide	excelsa	Giant stinging tree	1	1		3	3	1.6	3
Proteaceae	Stenocarpus	salignus	Scrub beefwood	1		3	1	3	1.6	3
Meliaceae	Dyoxylum	fraserianum	Rosewood	1	3		1	3	1.6	3
Euphorbiaceae	Claoxylon	australe	Brittlewood		1	3	1	3	1.6	3
Sapotaceae	Planchonella	australis	Black apple	3		3	1	1	1.6	3
Verbenaceae	Gmelina	leichhardtii	White beech	1		3	1	3	1.6	3

## *Appendix 5.* List of species from the brushes of the Richmond River region, as printed in the *Clarence and Richmond Examiner* and *New England Advertiser*, 1 April, 1873, p. 6.

The likely current names were based on the original botanical name utilising the Australian Plant Census and Australian Plant Name Index.

FectNetresEucalipus siderophiaIronbark100-5030-45Eucalypus siderophiaEucalipus solignaGreg gun100-5030-45Eucalypus canalalilensisEucalipus robustaStringybark80-5024-45Eucalypus anyglalinaEucalipus robustaMalogany100-5030-45Eucalypus anyglalinaEucalipus robustaMalogany100-5030-45Eucalypus anyglalinaEucalipus robustaBloodwood70-2021-37Corymbia maculataEucalipus corymbosaBloodwood70-2021-37Corymbia maculataEucalipus corymbosaBloodwood70-2021-27Sysgliam canniniEgenia (antoliolanDurobby80-0024-30Sysgliam canniniEgenia (antoliolanDurobby80-0024-30Sysgliam canniniEugenia (antoliolanDurobby80-0024-30Sysgliam canniniEugenia (antoliolanDurobby80-0024-30Sysgliam canniniEugenia (antoliolanThree-veined nyrthe60-8018-24Gostai constrateMyrna RocenidedsWhite myrthe60-8018-24Molamania rubacensAllatience antiliantisThree-veined nyrth30-8024-40Holdmania rubacensAllatience antiliantisStrate gun80-3024-40Holdmania rubacensAllatience antiliantisStrate gun80-3024-40Holdmania rubacensAllatience antiliantisStrate gun80-3024-37Lephotrenon confortat	Botanical name (1873)	Local name	Heig	ht	Likely current botanical name		
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	Weinmanni sp.	Murraree	100-150	30-45	Pseudoweinmannia lachnocarpa		
Grissois Benthemii – 100–120 30–37 Geissois benthamiana	Grissois Benthemii	-	100-120	30–37	Geissois benthamiana		

Avicennia tomentose
Gmelina Leichardtii
Casaurina tennissima
Casaurina quadrivalvis
Baloghia lucida
Bradleia Australis
Cargillia pentamera
Celtis op?ca
Duboisra myoporoides
Memecyclon sp.
Myrsine varabilis
Pittisporum undulatum
Podocarpus spinulosus
Tarrietia actinodendron
Tarrietia argyrodendron
Tarrietia Carronii
Rhus rodanthema

Large mangrove	30-50	9-15	Avicennia marina
Beech	100-150	30-45	Gmelina leichhardtii
Forest oak	50-80	15-24	Allocasuarina torulosa
Swamp oak	40-90	12-27	Allocasuarina verticillata
Brush bloodwood	40	12	Baloghia inophylla
Red wood	50-70	15-21	??
Black myrtle	80-100	24-30	Diospyros pentamera
_	40-60	12-18	??
Cork wood	50	15	Duboisia myoporoides
Brush cherry, cobbinmuni	60-80	18-24	Memecylon sp. ??
_	20-50	6-15	Myrsine variabilis
_	30-40	9-12	Pittosporum undulatum
Smooth bark pine	40-120	12-37	Podocarpus spinulosus
Stave wood	70-120	21-37	??
Iron wood	100-150	30-45	??
Byong	100-150	30-45	Argyrodendron trifoliolatum ??
Dark yellow wood	50-80	15-24	Rhodosphaera rhodanthema