

8.42 Avon-Richardson Tree Health

Lake Buloke

Quadrat and Tree Number	Species	Tree dbh (m)	Crown Size (/5)	Crown Density (/5)	Dead Branches (/5)	Epicormic Growth (/5)	Leaf Damage (%)	Leaf Chloride (mg/kg)	% Cl	Tree Health Total Score (/20)					
										97	98	99	00	01	02
A															
1554	E. camaldulensis (River red gum)	1.55	5	0	0	0	100 no leaves	NS	NS	15	14	12	11	10	5
1525	E. camaldulensis (River red gum)	0.239	4	5	5	5	NS	NS	NS	19	19	19	18	18	19
1534	E. camaldulensis (River red gum)	0.149	4	5	5	5	80	1.10	0.11	19	18	18	17	18	19
1545	E. camaldulensis (River red gum)	103.0	5	0	0	1	90 epicormic	7.40	0.74	15	12	11	11	10	6
B															
1535	E. largiflorens (Black Box)	0.875	5	4.5	3.5	4	10	5.66	0.57	17	17	17	17	17	17
1544	E. camaldulensis (River red gum)	1.08	4	4	4	5	NS	NS	NS	17	17	17	17	17	17
1564	E. camaldulensis (River red gum)	1.29	4.5	4	3.5	4	20	2.20	0.22	15	15	15	15	15	16
1555	E. camaldulensis (River red gum)	1.37	4.5	4.5	4	4	40	1.07	0.11	16	16	16	16	16	17

Note that tree dbh, crown size, crown density, dead branches, epicormic growth, leaf damage, leaf chloride and % Cl scores apply to those recorded in 2002.

NS: Trees with branches >5m tall could not be sampled as were out of reach from pole pruners

Reseigh's Red Gums

Quadrat and Tree Number	Species	Tree dbh (m)	Crown Size (/5)	Crown Density (/5)	Dead Branches (/5)	Epicormic Growth (/5)	Leaf Damage (%)	Leaf Chloride (mg/kg)	% Cl	Tree Health Total Score (/20)					
										97	98	99	00	01	02
A															
1585	E. largiflorens (Black Box)	0.655	4	5	4	4	20	5.20	0.52	19	19	19	15	15	17
1574	E. camaldulensis (River red gum)	0.594	4	2	2	3	10	0.864	0.09	19	19	19	17	17	11
1594	E. largiflorens (Black Box)	0.628	3	5	4	4	20	5.53	0.55	17	13	13	13	13	16
1595	E. camaldulensis (River red gum)	0.240	5	5	5	5	10	5.18	0.52	20	20	20	20	20	20
B															
1503	E. camaldulensis (River red gum)	0.179	2	0.5	3	5	100	Not enough leaves	Not enough leaves	18	17	17	16	15	10.5
1565	E. camaldulensis (River red gum)	0.250	2	0.5	3	5	100	Not enough leaves	Not enough leaves	18	16	16	16	16	10.5
1584	E. camaldulensis (River red gum)	0.498	4	0.5	0	3	70	0.921	0.09	19	17	16	16	16	7.5
1575	E. largiflorens (Black Box)	5	5	5	5		10	5.34	0.53	18	18	19	18	19	20

Note that tree dbh, crown size, crown density, dead branches, epicormic growth, leaf damage, leaf chloride and % Cl scores apply to those recorded in 2002.

Lake Cope Cope

Quadrat and Tree Number	Species	Tree dbh (m)	Crown Size (/5)	Crown Density (/5)	Dead Branches (/5)	Epicormic Growth (/5)	Leaf Damage (%)	Leaf Chloride (mg/kg)	% Cl	Tree Health Total Score (/20)					
										97	98	99	00	01	02
A															
1530	E. camaldulensis (River red gum)	1.14	5	2	1	4	NS	NS	NS	16	16	15	15	15	12
1510	E. camaldulensis (River red gum)	0.477	5	3.5	3.5	3	20	2.90	0.29	18	18	17	15	15	15
1529	E. largiflorens (Black Box)	0.236	3.5	4	4	5	60	4.71	0.47	18	17	17	18	18	16.5
1520	E. largiflorens (Black Box)	0.713	5	4	4	3.5	10	5.16	0.52	15	14	15	15	14	16.5
B															
1519	E. camaldulensis (River red gum)	0.666	5	2	4	3	50	0.581	0.06	14	12	12	12	11	14
1539	E. camaldulensis (River red gum)	0.881	4	2	3	1	30 epicormic	1.01	0.10	17	16	16	15	15	10
1500	E. largiflorens (Black Box)	0.675	5	4	3.5	4.5	10	3.84	0.38	16	16	16	16	16	17
1509	E. camaldulensis (River red gum)	0.702	4.5	3	4	3.5	20	1.90	0.19	16	16	16	16	15	15

Note that tree dbh, crown size, crown density, dead branches, epicormic growth, leaf damage, leaf chloride and % Cl scores apply to those recorded in 2002.

NS: Trees with branches >5m tall could not be sampled as were out of reach from pole pruners

Bryce's Buloke

Quadrat and Tree Number	Species	Tree dbh (m)	Crown Size (/5)	Crown Density (/5)	Dead Branches (/5)	Epicormic Growth (/5)	Leaf Damage (%)	Leaf Chloride (mg/kg)	% Cl	Tree Health Total Score (/20)					
										97	98	99	00	01	02
A															
1559	<i>A. luehmannii</i> (Buloke)	0.502	5	4.5	4.5	5	0	6.49	0.65	18	20	20	20	20	19
1549	<i>A. luehmannii</i> (Buloke)	0.516	5	5	5	5	0	9.09	0.91	17	18	18	18	18	20
1560	<i>A. luehmannii</i> (Buloke)	0.455	2	5	3	4.5	0	5.16	0.52	12	12	12	12	12	14.5
1569	<i>A. luehmannii</i> (Buloke)	0.458	3	5	3.5	4	0	7.37	0.74	13	15	15	14	14	15.5
B															
1570	<i>A. luehmannii</i> (Buloke)	0.581	5	5	5	5	0	7.50	0.75	19	19	19	18	18	20
1550	<i>A. luehmannii</i> (Buloke)	0.505	5	5	4	4	0	6.18	0.62	18	18	18	19	18	18
1540	<i>A. luehmannii</i> (Buloke)	0.470	5	5	4.5	4.5	0	7.78	0.78	18	18	18	18	18	19
1579	<i>A. luehmannii</i> (Buloke)	0.515	4	5	4	4	0	6.51	0.65	17	17	17	17	17	17

Note that tree dbh, crown size, crown density, dead branches, epicormic growth, leaf damage, leaf chloride and % Cl scores apply to those recorded in 2002.

Box Swamp

Quadrat and Tree Number	Species	Tree dbh (m)	Crown Size (/5)	Crown Density (/5)	Dead Branches (/5)	Epicormic Growth (/5)	Leaf Damage (%)	Leaf Chloride (mg/kg)	% Cl	Tree Health Total Score (/20)					
										97	98	99	00	01	02
A															
1589	E. largiflorens (Black Box)	0.508	4	4	4	5	NS	NS	NS	13	13	13	12	12	17
1590	E. largiflorens (Black Box)	0.698	5	4.5	4	4	20	3.47	0.35	14	14	14	14	14	17.5
1501	E. largiflorens (Black Box)	0.492	5	3	1	5	NS	NS	NS	14	14	14	14	15	14
1580	E. largiflorens (Black Box)	0.652	5	3	3	5	NS	NS	NS	13	13	13	13	13	16
B															
1599	E. largiflorens (Black Box)	0.459	4	3	3	3.5	20	3.63	0.36	11	11	11	11	11	13.5
1508	E. largiflorens (Black Box)	0.511	4	1	1	1	40	1.93	0.19	9	8	8	8	8	7
1511	E. largiflorens (Black Box)	0.864	5	4	3.5	4.5	20	2.36	0.24	14	14	14	14	14	17
1518	E. largiflorens (Black Box)	0.627	4	5	3	5	NS	NS	NS	15	13	13	13	14	17