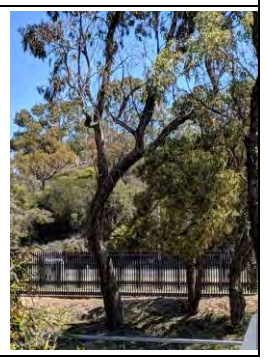
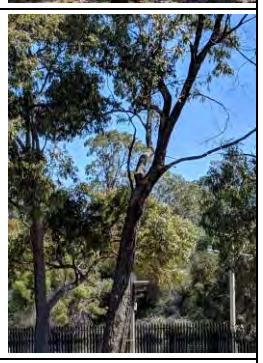
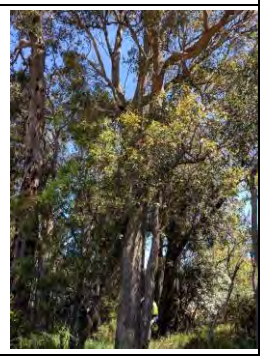
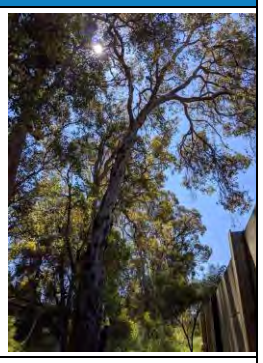
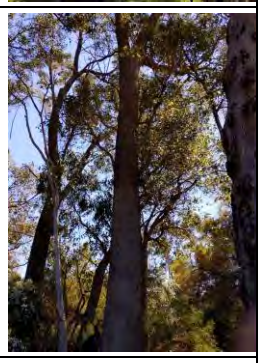
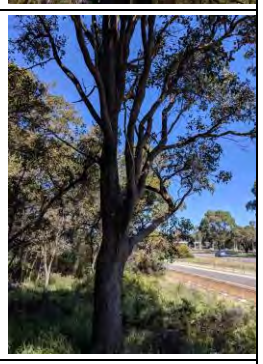
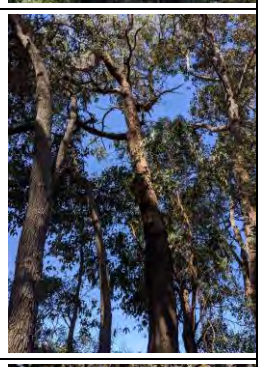
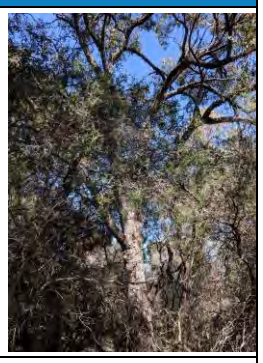
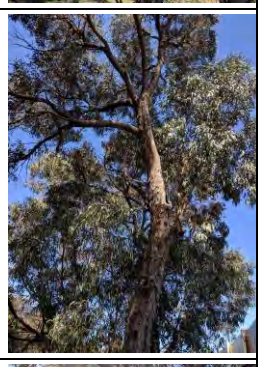
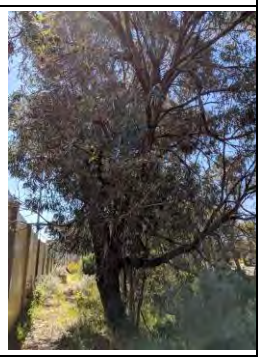
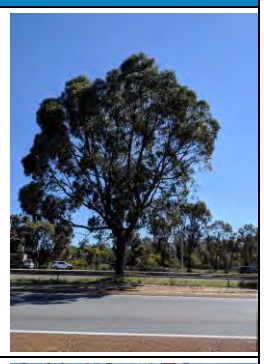
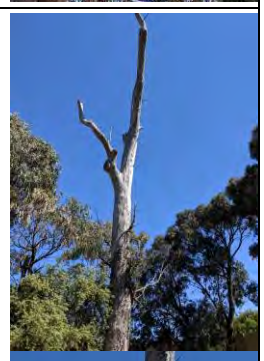
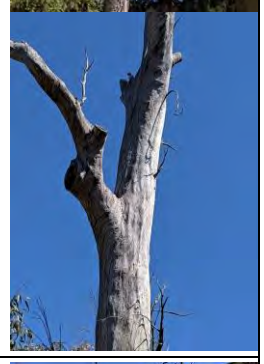
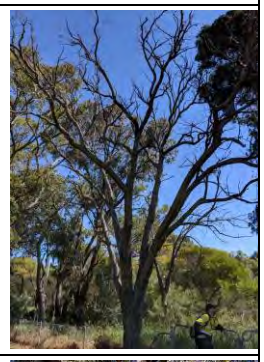
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
193	September 2019	384655.4	6482797.6	Tuart (*Eucalyptus gomphocephala*)	600	15	No	0	n/a	
194	September 2019	384662.6	6482744.0	Tuart (*Eucalyptus gomphocephala*)	65	20	No	0	n/a	
195	September 2019	384664.1	6482697.6	Tuart (*Eucalyptus gomphocephala*)	530	14	No	0	n/a	
196	September 2019	384669.0	6482669.7	Jarrah (*Eucalyptus marginata*)	500	12	No	0	n/a	
197*	September 2019	384707.5	6481824.0	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	
198*	September 2019	384710.2	6481812.3	Tuart (*Eucalyptus gomphocephala*)	500	12	No	0	n/a	
199*	September 2019	384712.6	6481775.4	Tuart (*Eucalyptus gomphocephala*)	500	18	No	0	n/a	

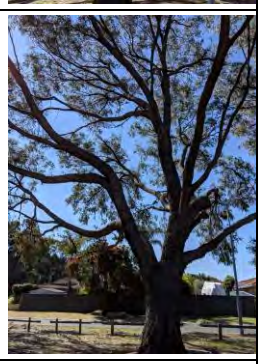
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
200	September 2019	384759.8	6481697.5	Tuart (*Eucalyptus gomphocephala*)	520	12	No	0	n/a	
201	September 2019	384757.9	6481688.9	Tuart (*Eucalyptus gomphocephala*)	660	15	No	0	n/a	
202*	September 2019	384712.1	6481755.7	Tuart (*Eucalyptus gomphocephala*)	500	14	No	0	n/a	
203*	September 2019	384713.0	6481733.9	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	
204*	September 2019	384715.7	6481664.0	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	
205	September 2019	384767.0	6481677.3	Tuart (*Eucalyptus gomphocephala*)	640	15	No	0	n/a	
206	September 2019	384768.7	6481658.5	Tuart (*Eucalyptus gomphocephala*)	500	17	No	0	n/a	

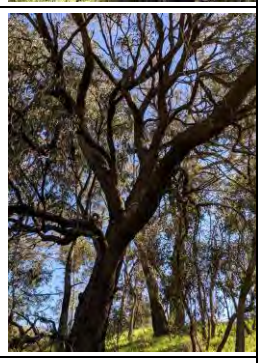
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
207	September 2019	384773.0	6481640.1	Tuart (*Eucalyptus gomphocephala*)	900	17	No	0	n/a	
208	September 2019	384770.9	6481632.5	Tuart (*Eucalyptus gomphocephala*)	1,100	17	No	0	n/a	
209*	September 2019	384718.7	6481632.1	Tuart (*Eucalyptus gomphocephala*)	500	16	No	0	n/a	
210*	September 2019	384719.4	6481606.6	Tuart (*Eucalyptus gomphocephala*)	500	17	No	0	n/a	
211*	September 2019	384720.2	6481588.7	Tuart (*Eucalyptus gomphocephala*)	500	18	No	0	n/a	
212	September 2019	384768.1	6481615.9	Tuart (*Eucalyptus gomphocephala*)	900	18	No	0	n/a	
213	September 2019	384777.5	6481595.1	Marri (*Corymbia calophylla*)	510	20	No	0	n/a	

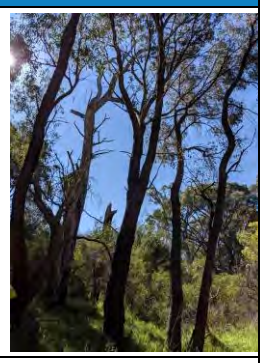
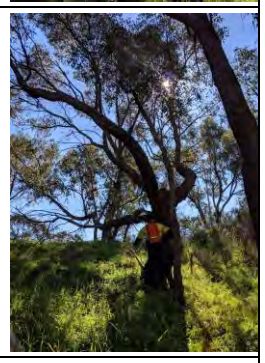
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
214	September 2019	384780.4	6481591.2	Marri (*Corymbia calophylla*)	720	19	No	0	n/a	
215	September 2019	384777.2	6481590.3	Marri (*Corymbia calophylla*)	800	25	No	0	n/a	
216	September 2019	384772.5	6481589.6	Marri (*Corymbia calophylla*)	900	25	No	0	n/a	
217	September 2019	384767.7	6481581.6	Marri (*Corymbia calophylla*)	650	15	No	0	n/a	
218	September 2019	384767.7	6481575.3	Marri (*Corymbia calophylla*)	500	10	No	0	n/a	
219	September 2019	384779.5	6481575.4	Marri (*Corymbia calophylla*)	550	22	No	0	n/a	
220	September 2019	384778.0	6481557.3	Marri (*Corymbia calophylla*)	850	18	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
221	September 2019	384775.2	6481546.0	Jarrah (*Eucalyptus marginata*)	650	14	No	0	n/a	
222	September 2019	384767.2	6481541.6	Tuart (*Eucalyptus gomphocephala*)	520	12	No	0	n/a	
223*	September 2019	384724.7	6481511.6	Tuart (*Eucalyptus gomphocephala*)	500	18	No	0	n/a	
224	September 2019	384772.1	6481524.6	Tuart (*Eucalyptus gomphocephala*)	570	15	No	0	n/a	
225	September 2019	384794.1	6481474.1	Tuart (*Eucalyptus gomphocephala*)	500	18	No	0	n/a	
226	September 2019	384794.1	6481462.8	Tuart (*Eucalyptus gomphocephala*)	550	16	No	0	n/a	
227	September 2019	384794.9	6481460.7	Tuart (*Eucalyptus gomphocephala*)	550	16	No	0	n/a	

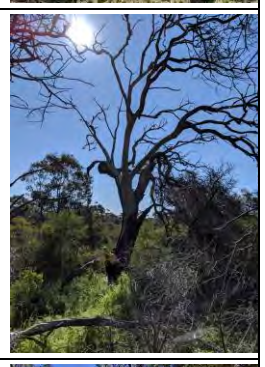
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
228*	September 2019	384729.7	6481465.2	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	
229	September 2019	384814.2	6481474.8	Tuart (*Eucalyptus gomphocephala*)	1,150	15	No	2	Medium (10 cm to 20 cm entrance), 6 m Small (<10 cm entrance), 6 m	 
230	September 2019	384807.7	6481473.7	Dead Stag	1,400	14	No	2	Large (>20 cm entrance), 8 m Medium (10-20 cm entrance), 6 m	 
231	September 2019	384798.9	6481497.4	Dead Stag	550	12	No	0	n/a	
232	September 2019	384857.1	6481004.7	Tuart (*Eucalyptus gomphocephala*)	630	12	No	0	n/a	

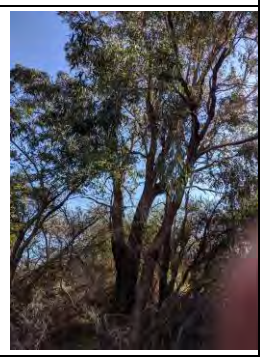
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
233	September 2019	384939.6	6479811.3	Tuart (*Eucalyptus gomphocephala*)	550	13	No	0	n/a	
234	September 2019	384933.2	6479810.9	Tuart (*Eucalyptus gomphocephala*)	660	14	No	0	n/a	
235	September 2019	384921.3	6479813.3	Tuart (*Eucalyptus gomphocephala*)	550	15	No	0	n/a	
236	September 2019	384919.5	6479809.4	Tuart (*Eucalyptus gomphocephala*)	600	17	No	0	n/a	
237	September 2019	384910.8	6479809.6	Tuart (*Eucalyptus gomphocephala*)	1,000	15	No	0	n/a	
238	September 2019	384897.5	6479801.9	Tuart (*Eucalyptus gomphocephala*)	650	18	No	0	n/a	
239	September 2019	384875.9	6479798.2	Tuart (*Eucalyptus gomphocephala*)	1,100	15	No	0	n/a	

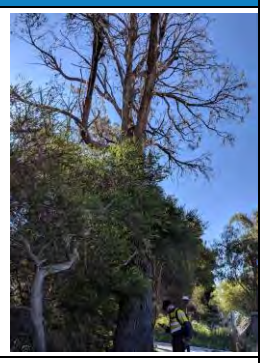
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
240	September 2019	384859.5	6479751.8	Jarrah (*Eucalyptus marginata*)	550	12	No	0	n/a	
241	September 2019	384853.3	6479742.4	Jarrah (*Eucalyptus marginata*)	650	15	No	0	n/a	
242	September 2019	384845.2	6479738.2	Tuart (*Eucalyptus gomphocephala*)	800	16	No	0	n/a	
243	September 2019	384852.1	6479728.2	Tuart (*Eucalyptus gomphocephala*)	1,200	18	No	0	n/a	
244	September 2019	384866.8	6479730.2	Tuart (*Eucalyptus gomphocephala*)	1,500	22	No	0	n/a	
245	September 2019	384855.4	6479686.7	Dead Stag	700	14	No	1	Medium (10 cm to 20 cm entrance), 8 m	 

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
246	September 2019	384856.9	6479684.2	Tuart (*Eucalyptus gomphocephala*)	510	15	No	0	n/a	
247	September 2019	384853.2	6479678.7	Tuart (*Eucalyptus gomphocephala*)	590	10	No	0	n/a	
248	September 2019	384846.4	6479667.3	Tuart (*Eucalyptus gomphocephala*)	1,200	14	No	0	n/a	
249	September 2019	384868.1	6479669.3	Jarrah (*Eucalyptus marginata*)	800	12	No	0	n/a	
250	September 2019	384864.2	6479642.6	Tuart (*Eucalyptus gomphocephala*)	600	16	No	0	n/a	
251	September 2019	384867.9	6479618.1	Jarrah (*Eucalyptus marginata*)	510	8	No	0	n/a	
252	September 2019	384865.7	6479612.4	Tuart (*Eucalyptus gomphocephala*)	510	16	No	0	n/a	

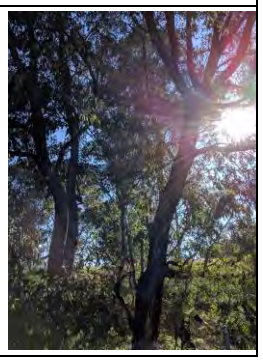
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
253	September 2019	384873.2	6479609.7	Tuart (*Eucalyptus gomphocephala*)	650	18	No	0	n/a	
254	September 2019	384870.3	6479586.8	Tuart (*Eucalyptus gomphocephala*)	800	18	No	0	n/a	
255	September 2019	384860.6	6479575.9	Tuart (*Eucalyptus gomphocephala*)	550	18	No	0	n/a	
256	September 2019	384873.3	6479562.0	Tuart (*Eucalyptus gomphocephala*)	510	19	No	0	n/a	
257	September 2019	384870.8	6479561.9	Tuart (*Eucalyptus gomphocephala*)	500	18	No	0	n/a	
258	September 2019	384868.1	6479557.8	Tuart (*Eucalyptus gomphocephala*)	500	19	No	0	n/a	
259	September 2019	384866.0	6479556.8	Tuart (*Eucalyptus gomphocephala*)	510	15	No	0	n/a	

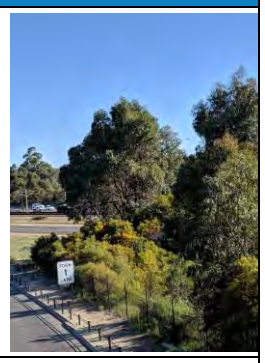
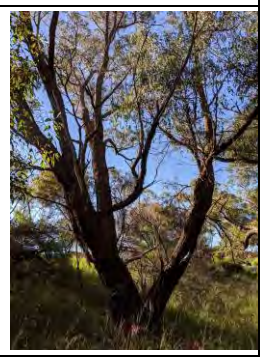
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
260	September 2019	384866.3	6479554.2	Tuart (*Eucalyptus gomphocephala*)	600	17	No	0	n/a	
261	September 2019	384864.0	6479525.4	Tuart (*Eucalyptus gomphocephala*)	650	18	No	0	n/a	
262	September 2019	384874.3	6479504.4	Tuart (*Eucalyptus gomphocephala*)	800	19	No	0	n/a	
263	September 2019	384881.3	6479483.6	Tuart (*Eucalyptus gomphocephala*)	900	15	No	0	n/a	
264	September 2019	384904.7	6479454.9	Tuart (*Eucalyptus gomphocephala*)	800	20	No	0	n/a	
265	September 2019	384885.4	6479440.0	Dead Stag	900	8	No	0	n/a	
266	September 2019	384888.8	6479420.9	Tuart (*Eucalyptus gomphocephala*)	1,800	24	No	1	Medium (10 cm to 20 cm entrance), 10 ,m	

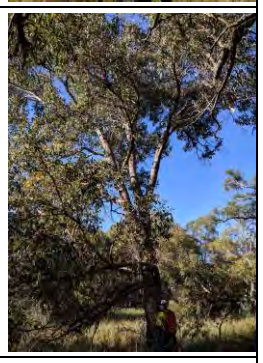
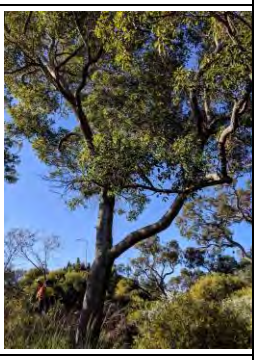
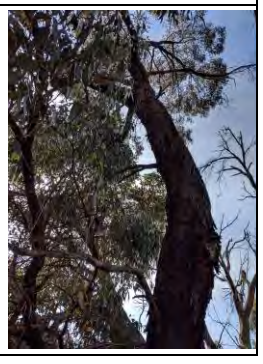
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
267	September 2019	384903.2	6479418.7	Tuart (*Eucalyptus gomphocephala*)	1000	18	No	0	n/a	
268	September 2019	384912.6	6479371.2	Dead Stag	2,500	12	No	0	n/a	
269	September 2019	384917.2	6479357.3	Jarrah (*Eucalyptus marginata*)	550	12	No	0	n/a	
270	September 2019	384894.0	6479354.8	Tuart (*Eucalyptus gomphocephala*)	1,500	20	No	0	n/a	
271	September 2019	384916.4	6479345.3	Jarrah (*Eucalyptus marginata*)	530	8	No	0	n/a	
272	September 2019	384934.4	6479345.0	Jarrah (*Eucalyptus marginata*)	600	25	No	0	n/a	
273	September 2019	384925.8	6479337.4	Tuart (*Eucalyptus gomphocephala*)	600	18	No	0	n/a	

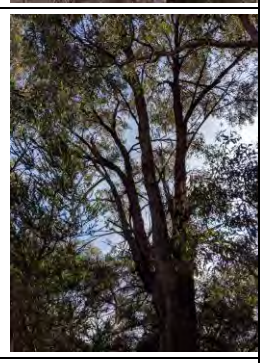
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
274	September 2019	384933.5	6479359.3	Dead Stag	660	15	No	0	n/a	
275	September 2019	384934.5	6479333.3	Tuart (*Eucalyptus gomphocephala*)	510	16	No	0	n/a	
276	September 2019	384937.6	6479324.2	Tuart (*Eucalyptus gomphocephala*)	600	20	No	0	n/a	
277	September 2019	384932.3	6479306.7	Tuart (*Eucalyptus gomphocephala*)	520	8	No	0	n/a	
278	September 2019	384932.2	6479305.0	Tuart (*Eucalyptus gomphocephala*)	560	9	No	0	n/a	
279	September 2019	384930.2	6479285.9	Jarrah (*Eucalyptus marginata*)	600	6	No	0	n/a	
280	September 2019	384937.8	6479275.1	Jarrah (*Eucalyptus marginata*)	800	6	No	0	n/a	

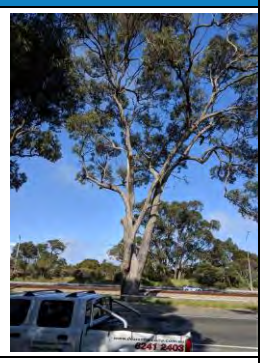
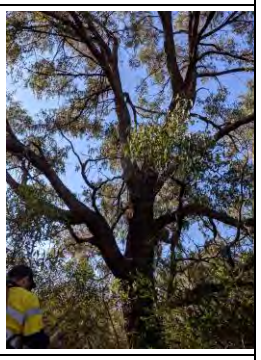
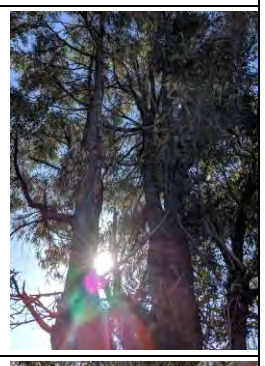
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
281	September 2019	384944.0	6479269.1	Jarrah (*Eucalyptus marginata*)	700	15	No	0	n/a	
282	September 2019	384935.4	6479259.2	Tuart (*Eucalyptus gomphocephala*)	610	11	No	0	n/a	
283	September 2019	384936.4	6479255.3	Tuart (*Eucalyptus gomphocephala*)	500	16	No	0	n/a	
284	September 2019	384941.1	6479253.1	Jarrah (*Eucalyptus marginata*)	1,050	6	No	0	n/a	
285	September 2019	384920.1	6479394.7	Jarrah (*Eucalyptus marginata*)	680	16	No	0	n/a	
286	September 2019	384920.9	6479436.7	Tuart (*Eucalyptus gomphocephala*)	740	20	No	0	n/a	
287	September 2019	384912.1	6479442.4	Tuart (*Eucalyptus gomphocephala*)	800	19	No	0	n/a	

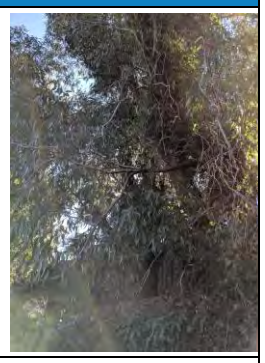
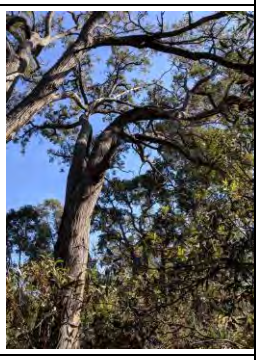
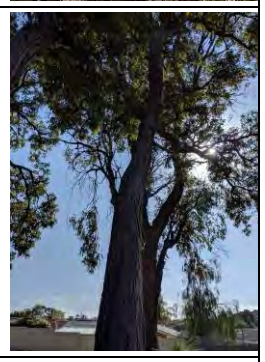
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
288	September 2019	384910.6	6479457.1	Tuart (*Eucalyptus gomphocephala*)	850	20	No	0	n/a	
289	September 2019	384893.9	6479533.8	Tuart (*Eucalyptus gomphocephala*)	2,500	24	No	1	Medium (10 cm to 20 cm entrance), 14 m	 
290	September 2019	384887.5	6479559.4	Tuart (*Eucalyptus gomphocephala*)	2,500	18	No	1	Medium (10 cm to 20 cm entrance), 10 m	 
291	September 2019	384882.5	6479583.3	Tuart (*Eucalyptus gomphocephala*)	510	18	No	0	n/a	
292	September 2019	384884.0	6479589.7	Tuart (*Eucalyptus gomphocephala*)	510	17	No	0	n/a	

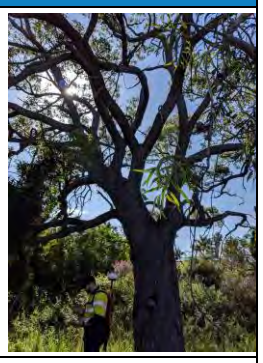
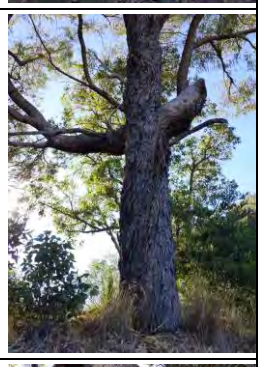
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
293*	September 2019	384923.9	6478696.9	Tuart (*Eucalyptus gomphocephala*)	500	16	No	0	n/a	
294	September 2019	384973.7	6478796.0	Tuart (*Eucalyptus gomphocephala*)	540	24	No	0	n/a	
295	September 2019	384973.7	6478825.7	Jarrah (*Eucalyptus marginata*)	540	6	No	0	n/a	
296	September 2019	384978.2	6478838.7	Jarrah (*Eucalyptus marginata*)	900	10	No	0	n/a	
297	September 2019	384985.3	6478855.4	Dead Stag	800	14	No	0	n/a	
298	September 2019	384980.8	6478860.1	Tuart (*Eucalyptus gomphocephala*)	780	14	No	0	n/a	
299	September 2019	384988.0	6478883.8	Tuart (*Eucalyptus gomphocephala*)	800	19	No	0	n/a	

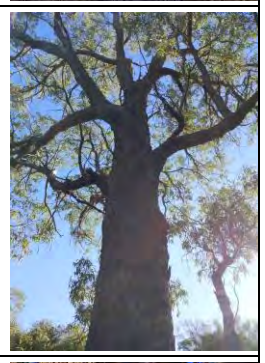
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
300	September 2019	384993.8	6478885.2	Jarrah (*Eucalyptus marginata*)	900	14	No	0	n/a	
301	September 2019	384997.4	6478895.4	Jarrah (*Eucalyptus marginata*)	700	13	No	0	n/a	
302	September 2019	384991.8	6478924.5	Marri (*Corymbia calophylla*)	550	18	No	0	n/a	
303	September 2019	384997.9	6478946.5	Marri (*Corymbia calophylla*)	520	15	No	0	n/a	
304	September 2019	384953.9	6478599.7	Tuart (*Eucalyptus gomphocephala*)	540	16	No	0	n/a	
305	September 2019	384960.1	6478600.8	Tuart (*Eucalyptus gomphocephala*)	500	12	No	0	n/a	
306	September 2019	384962.2	6478600.0	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
307	September 2019	384962.5	6478555.4	Tuart (*Eucalyptus gomphocephala*)	700	18	No	0	n/a	
308	September 2019	384965.1	6478537.6	Tuart (*Eucalyptus gomphocephala*)	500	18	No	0	n/a	
309	September 2019	384969.4	6478534.4	Tuart (*Eucalyptus gomphocephala*)	760	19	No	0	n/a	
310	September 2019	384979.2	6478525.4	Tuart (*Eucalyptus gomphocephala*)	560	14	No	0	n/a	
311	September 2019	384976.9	6478524.4	Tuart (*Eucalyptus gomphocephala*)	650	16	No	0	n/a	
312	September 2019	384986.7	6478495.4	Marri (*Corymbia calophylla*)	600	18	No	0	n/a	
313	September 2019	384983.7	6478500.1	Tuart (*Eucalyptus gomphocephala*)	520	16	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
314*	September 2019	384952.6	6478472.4	Tuart (*Eucalyptus gomphocephala*)	2,000	24	No	0	n/a	
315*	September 2019	384959.3	6478452.5	Tuart (*Eucalyptus gomphocephala*)	800	25	No	0	n/a	
316	September 2019	384992.2	6478475.2	Tuart (*Eucalyptus gomphocephala*)	680	17	No	0	n/a	
317	September 2019	384993.9	6478452.8	Tuart (*Eucalyptus gomphocephala*)	540	16	No	0	n/a	
318	September 2019	385005.0	6478420.9	Tuart (*Eucalyptus gomphocephala*)	580	6	No	0	n/a	
319	September 2019	385019.7	6478387.1	Tuart (*Eucalyptus gomphocephala*)	600	17	No	0	n/a	
320	September 2019	385033.0	6478359.7	Tuart (*Eucalyptus gomphocephala*)	590	11	No	0	n/a	

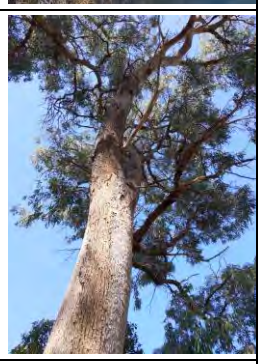
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
321	September 2019	385033.6	6478358.7	Tuart (*Eucalyptus gomphocephala*)	540	11	No	0	n/a	
322	September 2019	385209.6	6478046.2	Jarrah (*Eucalyptus marginata*)	600	12	No	0	n/a	
323	September 2019	385211.1	6478047.6	Jarrah (*Eucalyptus marginata*)	860	13	No	0	n/a	
324	September 2019	385211.7	6478061.5	Jarrah (*Eucalyptus marginata*)	530	12	No	0	n/a	
325	September 2019	385206.3	6478067.1	Jarrah (*Eucalyptus marginata*)	700	12	No	0	n/a	
326	September 2019	385198.1	6478078.0	Dead Stag	510	6	No	0	n/a	
327	September 2019	385112.0	6478214.5	Tuart (*Eucalyptus gomphocephala*)	900	15	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
328	September 2019	385092.9	6478248.4	Marri (*Corymbia calophylla*)	900	8	No	0	n/a	
329	September 2019	383800.3	6485020.2	Tuart (*Eucalyptus gomphocephala*)	680	11	No	0	n/a	
330	March 2020	386095.4	6476385.0	Tuart (*Eucalyptus gomphocephala*)	710	9	No	0	n/a	
331	March 2020	386087.5	6476392.9	Tuart (*Eucalyptus gomphocephala*)	560	10	No	0	n/a	
332	March 2020	386088.9	6476398.3	Marri (*Corymbia calophylla*)	500	14	No	0	n/a	
333	March 2020	386079.0	6476421.1	Tuart (*Eucalyptus gomphocephala*)	750	17	No	0	n/a	
334	March 2020	386078.2	6476431.8	Tuart (*Eucalyptus gomphocephala*)	770	15	No	0	n/a	

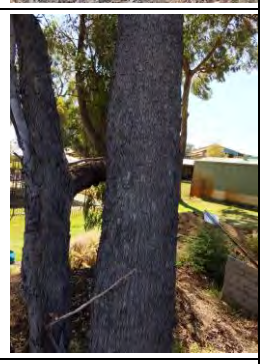
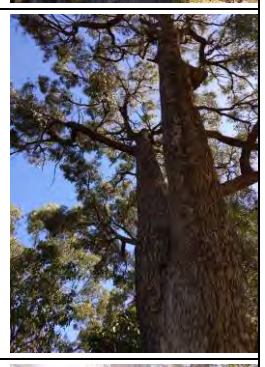
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
335	March 2020	386072.1	6476448.4	Jarrah (*Eucalyptus marginata*)	590	18	No	0	n/a	
336	March 2020	386065.4	6476463.4	Tuart (*Eucalyptus gomphocephala*)	930	20	No	0	n/a	
337	March 2020	386059.5	6476504.5	Tuart (*Eucalyptus gomphocephala*)	1180	20	No	0	n/a	
338	March 2020	386097.8	6476482.1	Tuart (*Eucalyptus gomphocephala*)	620	17	No	0	n/a	
339	March 2020	386058.4	6476523.2	Tuart (*Eucalyptus gomphocephala*)	710	18	No	0	n/a	
340	March 2020	386046.4	6476536.5	Tuart (*Eucalyptus gomphocephala*)	680	22	No	0	n/a	
341	March 2020	386045.9	6476545.3	Tuart (*Eucalyptus gomphocephala*)	510	18	Yes	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
342	March 2020	386036.3	6476545.6	Tuart (*Eucalyptus gomphocephala*)	650	21	No	0	n/a	
343	March 2020	386029.9	6476572.8	Tuart (*Eucalyptus gomphocephala*)	540	14	No	0	n/a	
344	March 2020	386026.3	6476575.5	Tuart (*Eucalyptus gomphocephala*)	700	16	No	0	n/a	
345	March 2020	386024.1	6476600.1	Jarrah (*Eucalyptus marginata*)	730	19	No	0	n/a	
346	March 2020	386019.7	6476625.1	Tuart (*Eucalyptus gomphocephala*)	750	14	No	0	n/a	
347	March 2020	386011.6	6476629.4	Jarrah (*Eucalyptus marginata*)	730	13	No	0	n/a	
348	March 2020	386005.5	6476652.2	Tuart (*Eucalyptus gomphocephala*)	560	17	No	0	n/a	

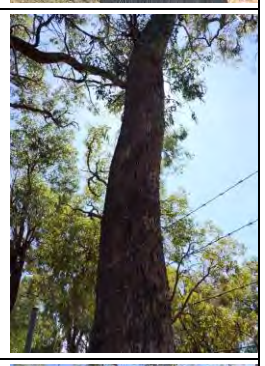
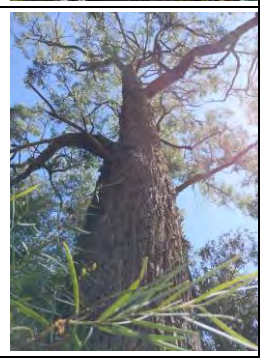
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
349	March 2020	386004.3	6476666.5	Tuart (*Eucalyptus gomphocephala*)	600	14	No	0	n/a	
350	March 2020	385986.4	6476708.2	Tuart (*Eucalyptus gomphocephala*)	600	13	No	0	n/a	
351	March 2020	385986.3	6476724.9	Tuart (*Eucalyptus gomphocephala*)	560	17	No	0	n/a	
352	March 2020	385976.1	6476761.0	Tuart (*Eucalyptus gomphocephala*)	660	15	No	0	n/a	
353	March 2020	385953.9	6476827.1	Tuart (*Eucalyptus gomphocephala*)	580	12	No	0	n/a	
354	March 2020	385915.5	6476923.9	Jarrah (*Eucalyptus marginata*)	700	13	No	0	n/a	
355	March 2020	385896.8	6476947.5	Jarrah (*Eucalyptus marginata*)	560	21	No	0	n/a	

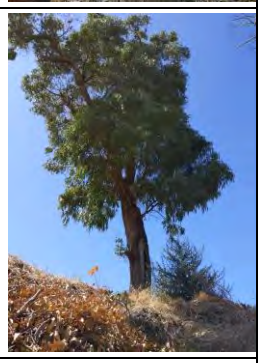
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
356	March 2020	385850.2	6477017.4	Tuart (*Eucalyptus gomphocephala*)	520	13	No	0	n/a	
357	March 2020	385820.3	6477068.1	Marri (*Corymbia calophylla*)	570	17	No	0	n/a	
358	March 2020	385780.3	6477124.7	Tuart (*Eucalyptus gomphocephala*)	680	19	No	1	Medium (10-20 cm entrance)	
359	March 2020	385759.5	6477157.3	Tuart (*Eucalyptus gomphocephala*)	1390	24	No	0	n/a	
360	March 2020	385752.6	6477154.3	Tuart (*Eucalyptus gomphocephala*)	800	22	No	0	n/a	
361	March 2020	385745.9	6477158.2	Tuart (*Eucalyptus gomphocephala*)	610	22	No	0	n/a	
362	March 2020	385746.0	6477170.6	Dead Stag	1450	10	No	0	n/a	

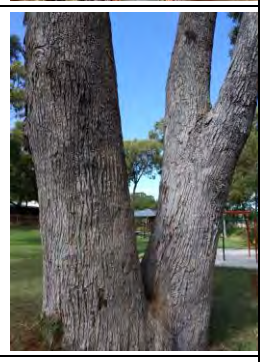
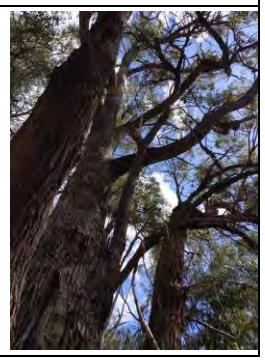
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
363	March 2020	385727.3	6477182.9	Tuart (*Eucalyptus gomphocephala*)	550	15	No	0	n/a	
364	March 2020	385735.6	6477197.5	Tuart (*Eucalyptus gomphocephala*)	1400	23	No	1	Large (>20 cm entrance)	 
365	March 2020	385722.3	6477206.5	Tuart (*Eucalyptus gomphocephala*)	980	17	No	0	n/a	
366	March 2020	385712.8	6477216.9	Jarrah (*Eucalyptus marginata*)	1120	18	No	0	n/a	
367	March 2020	385692.4	6477221.0	Dead Stag	500	16	No	0	n/a	
368	March 2020	385684.2	6477229.4	Marri (*Corymbia calophylla*)	560	17	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
369	March 2020	385680.2	6477242.2	Tuart (*Eucalyptus gomphocephala*)	620	20	No	0	n/a	
370	March 2020	385644.7	6477287.4	Tuart (*Eucalyptus gomphocephala*)	2000	20	No	0	n/a	
371	March 2020	385632.8	6477315.2	Tuart (*Eucalyptus gomphocephala*)	600	17	No	0	n/a	
372	March 2020	385631.4	6477318.0	Tuart (*Eucalyptus gomphocephala*)	700	18	No	0	n/a	
373	March 2020	385629.7	6477320.5	Tuart (*Eucalyptus gomphocephala*)	700	16	No	0	n/a	
374	March 2020	385619.6	6477340.6	Tuart (*Eucalyptus gomphocephala*)	800	20	No	0	n/a	
375	March 2020	385605.8	6477341.1	Tuart (*Eucalyptus gomphocephala*)	550	14	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
376	March 2020	385609.7	6477352.4	Tuart (*Eucalyptus gomphocephala*)	530	10	No	0	n/a	
377	March 2020	385599.2	6477358.8	Tuart (*Eucalyptus gomphocephala*)	620	16	No	0	n/a	
378	March 2020	385601.6	6477369.5	Tuart (*Eucalyptus gomphocephala*)	820	22	No	0	n/a	
379	March 2020	385585.9	6477389.2	Tuart (*Eucalyptus gomphocephala*)	540	18	No	0	n/a	
380	March 2020	385583.1	6477402.8	Jarrah (*Eucalyptus marginata*)	540	16	No	0	n/a	
381	March 2020	385575.4	6477397.8	Tuart (*Eucalyptus gomphocephala*)	870	13	No	0	n/a	
382	March 2020	385585.6	6477402.2	Tuart (*Eucalyptus gomphocephala*)	900	19	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
383	March 2020	385569.7	6477427.8	Tuart (*Eucalyptus gomphocephala*)	610	16	No	0	n/a	
384	March 2020	385572.3	6477423.0	Tuart (*Eucalyptus gomphocephala*)	1030	20	No	0	n/a	
385	March 2020	385564.2	6477436.2	Tuart (*Eucalyptus gomphocephala*)	600	14	No	0	n/a	
386	March 2020	385562.8	6477438.0	Tuart (*Eucalyptus gomphocephala*)	580	13	No	0	n/a	
387	March 2020	385553.2	6477453.8	Tuart (*Eucalyptus gomphocephala*)	740	13	No	0	n/a	
388	March 2020	385538.0	6477482.3	Tuart (*Eucalyptus gomphocephala*)	600	13	No	0	n/a	
389	March 2020	385536.3	6477486.7	Tuart (*Eucalyptus gomphocephala*)	970	21	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
390	March 2020	385534.8	6477487.6	Tuart (*Eucalyptus gomphocephala*)	610	13	No	0	n/a	
391	March 2020	385530.1	6477500.2	Tuart (*Eucalyptus gomphocephala*)	660	11	No	0	n/a	
392	March 2020	385559.5	6477454.5	Tuart (*Eucalyptus gomphocephala*)	740	12	No	0	n/a	
393	March 2020	385570.3	6477473.0	Tuart (*Eucalyptus gomphocephala*)	620	10	No	0	n/a	
394	March 2020	385560.4	6477516.8	Jarrah (*Eucalyptus marginata*)	950	18	No	0	n/a	
395	March 2020	385588.9	6477520.2	Tuart (*Eucalyptus gomphocephala*)	990	20	No	0	n/a	
396	March 2020	385597.6	6477402.4	Tuart (*Eucalyptus gomphocephala*)	720	17	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
397	March 2020	385607.1	6477382.6	Tuart (*Eucalyptus gomphocephala*)	580	20	No	0	n/a	
398	March 2020	385614.9	6477386.4	Tuart (*Eucalyptus gomphocephala*)	840	18	No	0	n/a	
399	March 2020	385629.6	6477381.7	Tuart (*Eucalyptus gomphocephala*)	520	14	No	0	n/a	
400	March 2020	385648.4	6477377.8	Tuart (*Eucalyptus gomphocephala*)	910	14	No	0	n/a	
401	March 2020	385651.2	6477372.5	Tuart (*Eucalyptus gomphocephala*)	890	15	No	0	n/a	
402	March 2020	385558.9	6477536.1	Tuart (*Eucalyptus gomphocephala*)	710	10	No	0	n/a	
403	March 2020	385541.1	6477528.7	Tuart (*Eucalyptus gomphocephala*)	920	12	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
404	March 2020	385538.6	6477523.4	Tuart (*Eucalyptus gomphocephala*)	640	16	No	0	n/a	
405	March 2020	385537.0	6477522.7	Tuart (*Eucalyptus gomphocephala*)	630	15	No	0	n/a	
406	March 2020	385535.4	6477520.5	Tuart (*Eucalyptus gomphocephala*)	830	20	No	0	n/a	
407	March 2020	385525.5	6477514.4	Tuart (*Eucalyptus gomphocephala*)	620	13	No	0	n/a	
408	March 2020	385505.9	6477574.6	Jarrah (*Eucalyptus marginata*)	600	10	No	0	n/a	
409	March 2020	385505.4	6477547.2	Tuart (*Eucalyptus gomphocephala*)	600	16	No	0	n/a	
410	March 2020	385504.3	6477585.6	Tuart (*Eucalyptus gomphocephala*)	520	10	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
411	March 2020	385504.1	6477583.2	Jarrah (*Eucalyptus marginata*)	570	11	No	0	n/a	
412	March 2020	385497.2	6477591.4	Tuart (*Eucalyptus gomphocephala*)	570	17	No	0	n/a	
413	March 2020	385495.3	6477597.0	Tuart (*Eucalyptus gomphocephala*)	1150	20	No	0	n/a	
414	March 2020	385491.7	6477601.7	Tuart (*Eucalyptus gomphocephala*)	530	15	No	0	n/a	
415	March 2020	385490.9	6477607.7	Tuart (*Eucalyptus gomphocephala*)	780	14	No	0	n/a	
416	March 2020	385476.2	6477614.8	Tuart (*Eucalyptus gomphocephala*)	1040	16	No	0	n/a	
417	March 2020	385497.2	6477551.4	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	

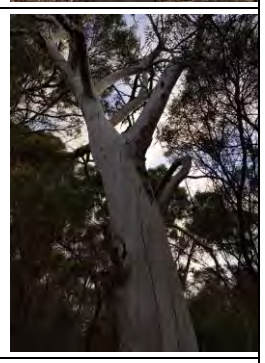
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
418	March 2020	385481.5	6477567.4	Jarrah (*Eucalyptus marginata*)	750	14	No	0	n/a	
419	March 2020	385476.1	6477575.7	Jarrah (*Eucalyptus marginata*)	620	13	No	0	n/a	
420	March 2020	385472.2	6477587.6	Tuart (*Eucalyptus gomphocephala*)	1200	10	No	0	n/a	
421	March 2020	385440.0	6477616.8	Tuart (*Eucalyptus gomphocephala*)	900	17	No	0	n/a	
422	March 2020	385421.1	6477648.1	Tuart (*Eucalyptus gomphocephala*)	540	12	No	0	n/a	
423	March 2020	385408.7	6477690.2	Tuart (*Eucalyptus gomphocephala*)	810	15	No	0	n/a	
424	March 2020	385398.8	6477702.7	Tuart (*Eucalyptus gomphocephala*)	1700	21	No	1	Small (<10 cm entrance)	

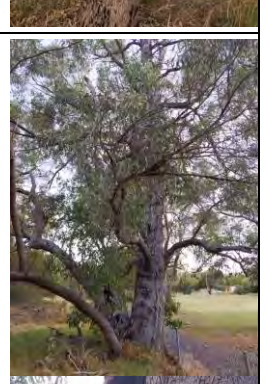
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
425	March 2020	385475.0	6477645.0	Jarrah (*Eucalyptus marginata*)	620	10	No	0	n/a	
426	March 2020	385481.0	6477654.2	Jarrah (*Eucalyptus marginata*)	1200	6	No	0	n/a	
427	March 2020	385457.1	6477651.7	Tuart (*Eucalyptus gomphocephala*)	850	15	No	0	n/a	
428	March 2020	385458.9	6477667.4	Tuart (*Eucalyptus gomphocephala*)	1200	14	No	0	n/a	
429	March 2020	385476.6	6477668.1	Jarrah (*Eucalyptus marginata*)	680	9	No	0	n/a	
430	March 2020	385469.0	6477707.2	Tuart (*Eucalyptus gomphocephala*)	1020	16	No	0	n/a	
431	March 2020	385450.5	6477701.1	Tuart (*Eucalyptus gomphocephala*)	1030	16	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
432	March 2020	385460.1	6477733.2	Tuart (*Eucalyptus gomphocephala*)	680	20	No	0	n/a	
433	March 2020	385460.1	6477741.4	Tuart (*Eucalyptus gomphocephala*)	810	21	No	0	n/a	
434	March 2020	385452.4	6477751.2	Tuart (*Eucalyptus gomphocephala*)	920	12	No	0	n/a	
435	March 2020	385446.3	6477745.6	Tuart (*Eucalyptus gomphocephala*)	820	15	No	0	n/a	
436	March 2020	385432.1	6477746.5	Tuart (*Eucalyptus gomphocephala*)	900	15	No	0	n/a	
437	March 2020	385419.0	6477737.1	Tuart (*Eucalyptus gomphocephala*)	1300	15	No	0	n/a	
438	March 2020	385434.1	6477722.3	Tuart (*Eucalyptus gomphocephala*)	1100	14	No	0	n/a	

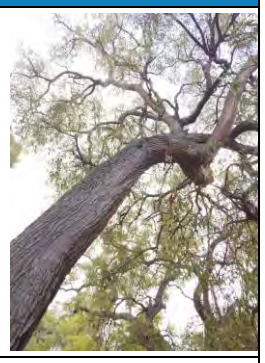
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
439	March 2020	385364.0	6477759.1	Jarrah (*Eucalyptus marginata*)	530	10	No	0	n/a	
440	March 2020	385345.0	6477796.3	Tuart (*Eucalyptus gomphocephala*)	560	12	No	0	n/a	
441	March 2020	385351.1	6477797.8	Tuart (*Eucalyptus gomphocephala*)	500	10	No	0	n/a	
442	March 2020	385336.1	6477801.3	Tuart (*Eucalyptus gomphocephala*)	500	12	No	0	n/a	
443	March 2020	385326.5	6477825.9	Tuart (*Eucalyptus gomphocephala*)	500	12	No	0	n/a	
444	March 2020	385338.4	6477833.1	Tuart (*Eucalyptus gomphocephala*)	620	13	No	0	n/a	
445	March 2020	385309.7	6477855.0	Tuart (*Eucalyptus gomphocephala*)	920	16	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
446	March 2020	385303.5	6477886.1	Tuart (*Eucalyptus gomphocephala*)	920	12	No	0	n/a	
447	March 2020	385288.3	6477910.1	Tuart (*Eucalyptus gomphocephala*)	1010	18	No	0	n/a	
448	March 2020	385253.4	6477955.7	Tuart (*Eucalyptus gomphocephala*)	850	13	No	0	n/a	
449	March 2020	385227.2	6478006.5	Tuart (*Eucalyptus gomphocephala*)	590	8	No	0	n/a	
450	March 2020	385226.9	6478011.7	Tuart (*Eucalyptus gomphocephala*)	530	8	No	0	n/a	
451	March 2020	385224.8	6478016.6	Marri (*Corymbia calophylla*)	500	10	Yes	0	n/a	
452	March 2020	385211.7	6478028.1	Marri (*Corymbia calophylla*)	560	7	No	0	n/a	

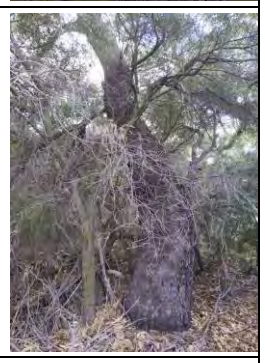
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
453	March 2020	385214.2	6478031.1	Tuart (*Eucalyptus gomphocephala*)	530	7	No	0	n/a	
454	March 2020	385216.6	6478018.8	Tuart (*Eucalyptus gomphocephala*)	580	9	No	0	n/a	
455	March 2020	384981.4	6478776.4	Dead Stag	520	7	No	0	n/a	
456	March 2020	384979.5	6478781.7	Tuart (*Eucalyptus gomphocephala*)	1000	14	No	0	n/a	
457	March 2020	384974.3	6478794.3	Tuart (*Eucalyptus gomphocephala*)	510	11	No	0	n/a	
458	March 2020	384980.2	6478804.9	Dead Stag	940	10	No	0	n/a	
459	March 2020	384986.1	6478807.9	Tuart (*Eucalyptus gomphocephala*)	1000	21	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
460	March 2020	384993.8	6478798.8	Tuart (*Eucalyptus gomphocephala*)	600	19	No	0	n/a	
461	March 2020	385005.8	6478809.6	Marri (*Corymbia calophylla*)	520	15	No	0	n/a	
462	March 2020	385016.3	6478823.3	Tuart (*Eucalyptus gomphocephala*)	1100	14	No	1	Large (>20 cm entrance)	 
463	March 2020	385003.5	6478835.2	Tuart (*Eucalyptus gomphocephala*)	540	10	No	0	n/a	
464	March 2020	385006.7	6478849.1	Jarrah (*Eucalyptus marginata*)	520	9	No	0	n/a	
465	March 2020	385011.1	6478857.5	Jarrah (*Eucalyptus marginata*)	700	18	No	0	n/a	

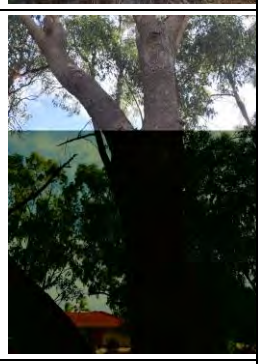
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
466	March 2020	384979.2	6478840.6	Dead Stag	850	8	No	1	Medium (10-20 cm entrance)	
467	March 2020	384985.8	6478855.7	Dead Stag	870	10	No	2	Medium (10-20 cm entrance)	 
468	March 2020	384978.9	6478859.4	Tuart (*Eucalyptus gomphocephala*)	560	12	No	0	n/a	
469	March 2020	384987.2	6478883.8	Tuart (*Eucalyptus gomphocephala*)	740	11	No	0	n/a	
470	March 2020	384993.5	6478885.6	Jarrah (*Eucalyptus marginata*)	1050	9	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
471	March 2020	385000.8	6478887.4	Jarrah (*Eucalyptus marginata*)	900	14	No	0	n/a	
472	March 2020	384998.5	6478896.6	Marri (*Corymbia calophylla*)	520	13	No	0	n/a	
473	March 2020	385014.4	6478892.5	Jarrah (*Eucalyptus marginata*)	700	11	No	0	n/a	
474	March 2020	385013.6	6478894.4	Jarrah (*Eucalyptus marginata*)	650	10	No	0	n/a	
475	March 2020	385019.1	6478921.9	Tuart (*Eucalyptus gomphocephala*)	950	11	No	0	n/a	
476	March 2020	384992.3	6478924.5	Marri (*Corymbia calophylla*)	520	15	No	0	n/a	
477	March 2020	385004.1	6478940.3	Jarrah (*Eucalyptus marginata*)	820	11	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
478	March 2020	385023.3	6478939.9	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	
479	March 2020	384993.9	6479022.8	Tuart (*Eucalyptus gomphocephala*)	620	14	No	0	n/a	
480	March 2020	384996.5	6479036.6	Tuart (*Eucalyptus gomphocephala*)	580	14	No	0	n/a	
481	March 2020	385025.3	6479040.2	Tuart (*Eucalyptus gomphocephala*)	640	15	No	0	n/a	
482	March 2020	385025.3	6479041.1	Tuart (*Eucalyptus gomphocephala*)	550	15	No	0	n/a	
483	March 2020	385028.2	6479043.0	Tuart (*Eucalyptus gomphocephala*)	520	15	No	0	n/a	
484	March 2020	385046.2	6479045.7	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	

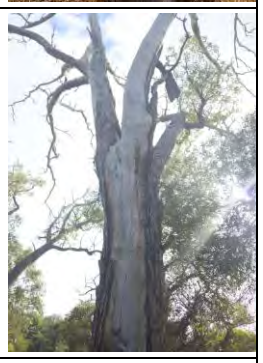
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
485	March 2020	385047.1	6479045.1	Tuart (*Eucalyptus gomphocephala*)	620	14	No	0	n/a	
486	March 2020	385056.7	6479045.2	Tuart (*Eucalyptus gomphocephala*)	520	13	No	0	n/a	
487	March 2020	385061.3	6479048.3	Tuart (*Eucalyptus gomphocephala*)	530	13	No	0	n/a	
488	March 2020	385077.5	6479061.6	Tuart (*Eucalyptus gomphocephala*)	540	15	No	0	n/a	
489	March 2020	385086.1	6479061.8	Tuart (*Eucalyptus gomphocephala*)	540	12	No	0	n/a	
490	March 2020	385012.2	6479165.4	Tuart (*Eucalyptus gomphocephala*)	620	18	No	0	n/a	
491	March 2020	385027.0	6479160.4	Tuart (*Eucalyptus gomphocephala*)	1190	23	No	0	n/a	

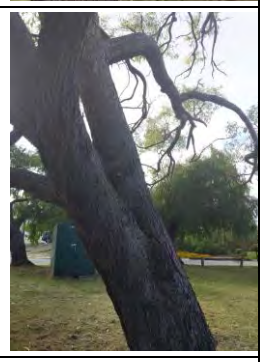
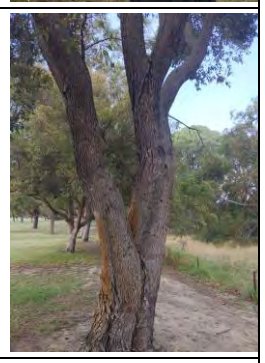
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
492	March 2020	385029.1	6479157.0	Tuart (*Eucalyptus gomphocephala*)	1530	17	No	0	n/a	
493	March 2020	385059.1	6479145.7	Tuart (*Eucalyptus gomphocephala*)	550	10	No	0	n/a	
494	March 2020	385056.9	6479134.3	Tuart (*Eucalyptus gomphocephala*)	520	7	No	0	n/a	
495	March 2020	385073.5	6479142.6	Tuart (*Eucalyptus gomphocephala*)	1000	18	No	0	n/a	
496	March 2020	385083.1	6479135.0	Tuart (*Eucalyptus gomphocephala*)	820	16	No	0	n/a	
497	March 2020	385086.9	6479136.3	Tuart (*Eucalyptus gomphocephala*)	500	15	No	0	n/a	
498	March 2020	385078.7	6479133.9	Tuart (*Eucalyptus gomphocephala*)	500	12	No	0	n/a	

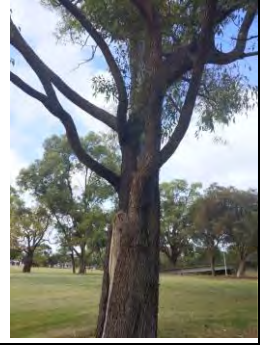
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
499	March 2020	385079.6	6479129.8	Tuart (*Eucalyptus gomphocephala*)	500	12	No	0	n/a	
500	March 2020	385094.4	6479135.0	Tuart (*Eucalyptus gomphocephala*)	610	18	No	0	n/a	
501	March 2020	385103.6	6479130.5	Tuart (*Eucalyptus gomphocephala*)	920	15	No	0	n/a	
502	March 2020	385105.6	6479113.5	Tuart (*Eucalyptus gomphocephala*)	700	14	No	0	n/a	
503	March 2020	385165.4	6479097.8	Tuart (*Eucalyptus gomphocephala*)	650	13	No	0	n/a	
504	March 2020	385162.4	6479096.0	Tuart (*Eucalyptus gomphocephala*)	700	11	No	0	n/a	
505	March 2020	385175.5	6479102.2	Tuart (*Eucalyptus gomphocephala*)	590	18	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
506	March 2020	385183.1	6479097.3	Tuart (*Eucalyptus gomphocephala*)	950	15	No	0	n/a	
507	March 2020	385198.5	6479091.7	Tuart (*Eucalyptus gomphocephala*)	710	14	No	0	n/a	
508	March 2020	385212.7	6479083.0	Tuart (*Eucalyptus gomphocephala*)	610	15	No	0	n/a	
509	March 2020	385216.7	6479083.3	Tuart (*Eucalyptus gomphocephala*)	820	15	No	0	n/a	
510	March 2020	385230.9	6479069.7	Tuart (*Eucalyptus gomphocephala*)	520	16	No	0	n/a	
511	March 2020	385165.5	6479014.5	Jarrah (*Eucalyptus marginata*)	1440	19	No	0	n/a	
512	March 2020	385130.6	6479030.7	Jarrah (*Eucalyptus marginata*)	620	10	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
513	March 2020	385118.3	6479019.3	Jarrah (*Eucalyptus marginata*)	900	11	No	0	n/a	
514	March 2020	385110.1	6479035.6	Jarrah (*Eucalyptus marginata*)	800	10	No	1	Large (>20 cm entrance)	 
515	March 2020	385068.1	6479022.3	Jarrah (*Eucalyptus marginata*)	900	14	No	0	n/a	
516	March 2020	385076.5	6479034.6	Jarrah (*Eucalyptus marginata*)	920	10	No	2	Large (>20 cm entrance)	 
517	March 2020	385061.8	6479035.8	Jarrah (*Eucalyptus marginata*)	920	12	No	0	n/a	

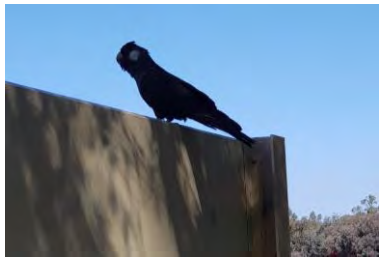
Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
518	March 2020	385043.6	6478987.8	Tuart (*Eucalyptus gomphocephala*)	530	12	No	0	n/a	
519	March 2020	385036.9	6478978.8	Tuart (*Eucalyptus gomphocephala*)	520	15	No	0	n/a	
520	March 2020	385035.8	6478977.2	Tuart (*Eucalyptus gomphocephala*)	550	10	No	0	n/a	
521	March 2020	385055.6	6478971.9	Dead Stag	720	11	No	0	n/a	
522	March 2020	385045.6	6478964.0	Jarrah (*Eucalyptus marginata*)	520	8	No	0	n/a	
523	March 2020	385042.2	6478959.7	Tuart (*Eucalyptus gomphocephala*)	500	12	No	0	n/a	
524	March 2020	385057.7	6478940.7	Marri (*Corymbia calophylla*)	510	7	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
525	March 2020	385056.9	6478913.4	Jarrah (*Eucalyptus marginata*)	820	14	No	0	n/a	
526	March 2020	385061.2	6478906.5	Jarrah (*Eucalyptus marginata*)	500	12	No	0	n/a	
527	March 2020	385052.9	6478900.4	Jarrah (*Eucalyptus marginata*)	850	13	No	0	n/a	
528	March 2020	385059.6	6478896.2	Jarrah (*Eucalyptus marginata*)	820	12	No	0	n/a	
529	March 2020	385035.9	6478870.7	Marri (*Corymbia calophylla*)	540	12	No	0	n/a	
530	March 2020	385031.3	6478849.6	Marri (*Corymbia calophylla*)	500	12	No	0	n/a	
531	March 2020	385028.9	6478839.6	Tuart (*Eucalyptus gomphocephala*)	650	14	No	0	n/a	

Tree No.	Survey date	Easting (mE)	Northing (mN)	Tree species	DBH (mm)	Height (m)	Foraging evidence	Number of hollows	Minimum width of hollow entrance (cm) and hollow height (m)	Photograph
532	March 2020	385029.6	6478826.0	Tuart (*Eucalyptus gomphocephala*)	640	13	No	0	n/a	
533	March 2020	385029.5	6478811.9	Jarrah (*Eucalyptus marginata*)	800	12	No	0	n/a	

*Tree was not marked using differential GPS as they were unable to be safely accessed. An approximate GPS coordinate was taken in the field and then the point was manually moved to closest tree identified using aerial photography.

Table O.2: Locations of vertebrate conservation listed species recorded during the survey.

Species name (common name)	Status	MGA Zone 50 J		Date	Observation type (number of records)	Photograph
		Easting (mE)	Northing (mN)			
Calyptorhynchus latirostris (Carnaby's cockatoo)	EN; EN	383753	6485064	26/09/2019	One individual observed foraging on *Banksia prionotes*	
		384772	6481653	27/09/2019	One individual observed perching on concrete wall and foraging in *Eucalyptus marginata* tree	
		386000	6476651	26/03/2020	Feeding evidence (Marri nuts)	
		385220	6478020	27/03/2020	Seven individuals heard	No photo available

Species name (common name)	Status	MGA Zone 50 J		Date	Observation type (number of records)	Photograph
		Easting (mE)	Northing (mN)			
Calyptorhynchus latirostris (Carnaby's cockatoo)	EN; EN	385224	6478025	27/03/2020	Feeding evidence (Marri nuts)	
Calyptorhynchus banksii naso (forest red-tailed black cockatoo)	VU; VU	385886	6476969	26/03/2020	Two individuals sighted	
		386232	6475615	10/04/2019*	Feeding evidence (Marri nuts)	

Species name (common name)	Status	MGA Zone 50 J		Date	Observation type (number of records)	Photograph
		Easting (mE)	Northing (mN)			
Calyptorhynchus banksii naso (forest red-tailed black cockatoo)	VU; VU	386069	6476416	26/03/2020	Feeding evidence (Marri nuts)	
		386024	6476624	26/03/2020	Feeding evidence (Marri nuts)	
		385847	6477038	26/03/2020	Feeding evidence {She-oak fruit)	

Species name (common name)	Status	MGA Zone 50 J		Date	Observation type (number of records)	Photograph
		Easting (mE)	Northing (mN)			
Isoodon fusciventer (quenda)	P4	384702	6482394	27/09/19	Individual sighting of roadkill. Diggings present in adjacent vegetation.	No photo available
		385492	6477549	26/03/2020	Secondary sign {Diggings}	
		385855	6477016	26/03/2020	Secondary sign {Diggings}	

*Recorded during previous April 2019 survey (Astron Environmental Services 2019).

References

Astron Environmental Services. 2019. PSP Mitchell Freeway Gaps: Hodges Drive to Reid Highway Targeted Black Cockatoo Assessment. unpublished report prepared for Main Roads Western Australia, Perth, WA.

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Appendix P: Threatened Fauna Species Report Forms

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Carnaby's Black-Cockatoo (Calyptorhynchus latirostris) **NUMBER SEEN:** 1

OBSERVATION DATE: 26/09/2019 TIME: 1400 am/pm

OBSERVER NAME/S: Alexandra Sleep

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: alexandra.sleep@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Mitchell Freeway southbound road reserve approximately 230 m from where Eddystone Avenue crosses over the freeway and adjacent to The Gateway and Treetop Avenue to the east in the City of Joondalup, suburb of Edgewater.

COORDINATES:

Latitude/Northing: 6485064.09

Longitude/Easting: 383753.49

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☒ Photo ☒
Moderately certain ☐ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

	Number of Adults:	Number of Juveniles:	Number of Pouch Young:
Male			
Female			
Unknown	1		

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

Observed foraging on Banksia prionotes.

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☒ Translocation ☐
Survey ☐ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): observed while carrying out botanical survey

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☒ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify):
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☐
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☒	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☒	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☐	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Planted vegetation along freeway road reserve dominated by Acacia rostellifera, Melaleuca systena with scattered Banksia prionotes

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Alexandra Sleep	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	alexandra.sleep@astron.com.au	**Date Submitted:**	04/12/2019

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or Species and Communities Branch, DBCA, Locked Bag 104, Bentley Delivery Centre WA 6983

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Carnaby's Black-Cockatoo (Calyptorhynchus latirostris) **NUMBER SEEN:** 1

OBSERVATION DATE: 27/09/2019 TIME: 1500 am/pm

OBSERVER NAME/S: Alexandra Sleep

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: alexandra.sleep@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Mitchell Freeway southbound road reserve, near the location where the principal shared pathway joins with Trailwood Drive, approximately 350 m north of Whitfords Avenue in the suburb of Woodvale.

COORDINATES:

Latitude/Northing: 6481653

Longitude/Easting: 384772

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☒ Photo ☒
Moderately certain ☐ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

	Number of Adults:	Number of Juveniles:	Number of Pouch Young:
Male			
Female			
Unknown	1		

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

Observed perching on concrete wall and then foraging in jarrah tree.

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☒ Translocation ☐
Survey ☐ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): observed while carrying out botanical survey

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☒ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify):
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☐
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify): top of road verge batter (original ground level)
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☒	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☐	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Eucalyptus gomphocephala and Eucalyptus marginata woodland over mixed planted shrubs of Acacia iteaphylla, Chamalaucium uncinatum over scattered remnant Xanthorrhoea preissii over a closed grassland of Ehrharta calycina.

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Alexandra Sleep	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	alexandra.sleep@astron.com.au	**Date Submitted:**	04/12/19

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or Species and Communities Branch, DBCA, Locked Bag 104, Bentley Delivery Centre WA 6983

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Carnaby's Cockatoo (Calyptorhynchus latirostris) **NUMBER SEEN:** 1

OBSERVATION DATE: 26/03/2020 TIME: 9:09 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6476651

Longitude/Easting: 386000

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☐ Photo ☒
Moderately certain ☒ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	1	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): feeding evidence observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☐ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify): secondary sign
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☒
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

Please return form to: **fauna@dbca.wa.gov.au**

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Carnaby's Cockatoo (Calyptorhynchus latirostris) **NUMBER SEEN:** 7

OBSERVATION DATE: 27/03/2020 TIME: 6:54 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6478020

Longitude/Easting: 385220

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☒ Photo ☐
Moderately certain ☐ Specimen ☐
Not sure ☐ Identified by expert ☒

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	7	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

Seven individuals observed calling

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): observed calling while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☒ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify):
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☒ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☐
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

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GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Carnaby's Cockatoo (Calyptorhynchus latirostris) **NUMBER SEEN:** 1

OBSERVATION DATE: 27/03/2020 TIME: 6:47 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6478025

Longitude/Easting: 385224

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☐ Photo ☒
Moderately certain ☒ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	1	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

Evidence of birds feeding on marri tree

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): feeding evidence observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☐ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify): secondary sign
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☒
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Red-tailed Black-Cockatoo (Calyptorhynchus banksii) **NUMBER SEEN:** 2

OBSERVATION DATE: 26/03/2020 TIME: 10:03 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6476969

Longitude/Easting: 385886

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☒ Photo ☒
Moderately certain ☐ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male	1	Male		Male	
Female	1	Female		Female	
Unknown		Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

Observed foraging on Cape Lilac Tree.

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☒ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify):
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☒ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☒
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Kady Grosser	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	kady.grosser@astron.com.au	**Date Submitted:**	09/04/2020

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Red-tailed Black-Cockatoo (Calyptorhynchus banksii) **NUMBER SEEN:** 1

OBSERVATION DATE: 26/03/2020 TIME: 8:16 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6476416

Longitude/Easting: 386069

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☐ Photo ☒
Moderately certain ☒ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	1	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): feeding evidence observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☐ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify): secondary sign
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☒
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

Please return form to: **fauna@dbca.wa.gov.au**

or Species and Communities Branch, DBCA, Locked Bag 104, Bentley Delivery Centre WA 6983

Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Red-tailed Black-Cockatoo (Calyptorhynchus banksii) **NUMBER SEEN:** 1

OBSERVATION DATE: 26/03/2020 TIME: 9:01 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6476624

Longitude/Easting: 386024

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☐ Photo ☒
Moderately certain ☒ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	1	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): feeding evidence observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☐ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify): secondary sign
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☒
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Red-tailed Black-Cockatoo (Calyptorhynchus banksii) **NUMBER SEEN:** 1

OBSERVATION DATE: 26/03/2020 TIME: 10:19 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6477038

Longitude/Easting: 385847

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☐ Photo ☒
Moderately certain ☒ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	1	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): feeding evidence observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☐ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify): secondary sign
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☒
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☐ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Southern Brown Bandicoot (Isoodon fusciventer) **NUMBER SEEN:** 1

OBSERVATION DATE: 26/03/2020 TIME: 13:38 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6477549

Longitude/Easting: 385492

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☐ Photo ☒
Moderately certain ☒ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	1	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

Bandicoot diggings sighted opportunistically while carrying out a Black Cockatoo survey

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): Bandicoot diggings observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☐ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify): secondary sign
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☐
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☒ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

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Department of **Biodiversity, Conservation and Attractions**

GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

SPECIES NAME: Southern Brown Bandicoot (Isoodon fusciventer) **NUMBER SEEN:** 1

OBSERVATION DATE: 26/03/2020 TIME: 10:14 am/pm

OBSERVER NAME/S: David Keirle Kady Grosser

Organisation/Company and Role/Job Title: Astron- Environmental Scientist

EMAIL: David.Keirle@astron.com.au PHONE: 9421 9600

OBSERVATION LOCATION: (i.e. property address, street and suburb, distance to nearest intersection, reserve name/number etc.)

Between Mitchell Freeway and Oronsay Road, Warwick 100m north of Warwick Road overpass.

COORDINATES:

Latitude/Northing: 6477016

Longitude/Easting: 385855

Zone (required for UTMs)**:** 50 J

DATUM:

GDA94 ☒
WGS84 ☐
Unknown ☐
Other (specify):

SOURCE:

GPS ☒
Map ☐
Google Earth ☐
GIS ☐

COORDINATE ACCURACY:

30m ☒ 10km ☐
300m ☐ 50km ☐
1km ☐ 100km ☐

LAND TENURE:

Nature Reserve ☐ State Forest ☐ Private Property ☐ Rail Reserve ☐ Aboriginal Reserve ☐ Shire Reserve ☐
National Park ☐ Timber Reserve ☐ Pastoral Lease ☐ Main Road Reserve ☒ State Waters <5.4km ☐ Other (specify):
Conservation Park ☐ Water Reserve ☐ UCL ☐ Shire Road Reserve ☐ Marine Park ☐

CERTAINTY OF ANIMAL IDENTIFICATION:

Certain ☐ Photo ☒
Moderately certain ☒ Specimen ☐
Not sure ☐ Identified by expert ☐

AGE AND SEX:

Number of Adults:		Number of Juveniles:		Number of Pouch Young:	
Male		Male		Male	
Female		Female		Female	
Unknown	1	Unknown		Unknown	

Expert name, affiliation:

DISTINGUISHING FEATURES/DESCRIPTION OF OBSERVED ANIMAL: (required to confirm identification or attach photo)

Photo attached

OBSERVATION: (animal activity and other relevant details)

Bandicoot diggings sighted opportunistically while carrying out a Black Cockatoo survey

OBSERVATION DETAILS: (select as many as applicable)

METHOD:

Opportunistic ☐ Translocation ☐
Survey ☒ Historical (Written) ☐
Monitoring ☐ Historical (Oral) ☐

Other (specify):
Survey/monitoring type (specify): Bandicoot diggings observed while carrying out suitable Black Cockatoo tree assessment

TYPE:

Dawn sighting ☐ Caught/Trapped ☐ Taken into care ☐
Day sighting ☐ Spotlighting ☐ Released ☐
Dusk sighting ☐ Remote camera ☐ Other (specify): secondary sign
Night sighting ☐ Remote sensing ☐
Dead (fresh) ☐ Acoustic recorder ☐
Dead (degenerated) ☐ Subfossil/Fossil ☐

SECONDARY SIGNS:

Heard ☐ Nest/Mound ☐ Feathers/Hair/Fur/Skin ☐ Feeding residue ☐
Scats ☐ Natural Hollow ☐ Bones ☐ Fauna run ☐
Tracks ☐ Artificial Hollow ☐ Eggs/eggshell ☐ Other (specify):
Diggings ☒ Burrow ☐ Shell ☐

CAUSE OF DEATH:

Roadkill ☐ Found drowned ☐ Predation by native animal ☐ Unknown ☐
Found shot ☐ Stranded on beach ☐ Predation by cat/fox/dog ☐ Other (specify):
Found poisoned ☐ Annual die off ☐ Starvation/malnutrition ☐

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GOVERNMENT OF WESTERN AUSTRALIA

Fauna Report Form

*Database No:*_____

REPRODUCTIVE STATE:

Non-breeding ☐	Pregnant ☐	Nesting ☐	Unknown ☒
Mating ☐	Lactating ☐	Eggs in nest ☐	Other(specify):
Breeding colours ☐	Young in pouch ☐	Young in nest ☐	
Breeding/Mating call ☐	Young at heel ☐	Fledgling emergence ☐	

SPECIMEN: (Select as many as applicable)

Fresh carcass ☐	Partial carcass ☐	Skull/bones ☐	Not retained ☒
Frozen carcass ☐	DNA sample ☐	Hair/Fur/Skin/feather ☐	Other (specify):
Degenerated carcass ☐	Spirit specimen ☐	Scats ☐	

Specimen location and catalogue number:

WA Museum ☐	Other Museum/Collection ☐	Given to the Department ☐	Retained by collector ☐
Catalogue No:	Museum/Collection name: Catalogue No.	Office location: Contact name:	Collectors Reference No.

Specimen identified by (name, affiliation):

HABITAT INFORMATION: (Select as many as applicable)

Landform:

Cave ☐	Hill/Mountain ☐	Open Depression ☐	Lake ☐	Ocean ☐
Cliff ☐	Slope ☐	Drainage line ☐	Wetland ☐	Artificial surface ☒
Rocky outcrop ☐	Sand dune☐	River ☐	Swamp ☐	Other (specify):
Gully/Gorge ☐	Flat ☐	Creek ☐	Aquifer ☐	
Ridge ☐	Plain ☐	Seepage ☐	Estuary ☐	
Crest/Summit ☐	Closed Depression☐	Pool ☐	Beach ☐	

Vegetation Type:

Forest ☐	Scrubland ☐	Saltbush/Samphire ☐	Revegetation ☐	Park ☐
Woodland ☐	Grassland ☐	Rock Community ☐	Farmland ☐	Garden ☐
Shrubland ☐	Spinifex ☐	Wetland/Riparian ☐	Orchard ☐	Other (specify):
Mallee ☐	Sedgeland ☐	Remnant Vegetation ☒	Plantation ☐	

Associated flora species, ecological communities, and other habitat information:

Remnant vegetation along freeway road reserve dominated by Tuart (Eucalyptus gomphocephala), Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla).

FIRE HISTORY:

Last fire (season and year, or estimate time passed)**:** **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☒

OTHER COMMENTS:

Submitter of record:	Brittany Osborn	**Organisation and Role:**	Astron - Environmental Scientist
Contact Details:	brittany.osborn@astron.com.au	**Date Submitted:**	14/04/2020

Please return form to: **fauna@dbca.wa.gov.au**

or Species and Communities Branch, DBCA, Locked Bag 104, Bentley Delivery Centre WA 6983

Attachment 4 – Kirkby (2020) Black Cockatoo Habitat Assessment

GENERAL FINDINGS OF BLACK COCKATOO SURVEY, EASTERN ROAD RESERVE BETWEEN HODGES DRIVE AND WARWICK ROAD.

Black cockatoos known from the survey area are Carnaby's Cockatoo *Calyptorhynchus latirostris,* Forest Red tailed Black Cockatoo (FRTBC) *Calyptorhynchus banksii naso.* Baudin's Cockatoo *Calyptorhynchus baudinii* also occurs in the Perth region, but is unlikely to occur at so far west on the Swan Coastal Plain other than as a possible vagrant.

Carnaby's Cockatoo is known to breed at the Edith Cowan University Campus approximately I km from the north section of the survey area at Joondalup Drive. 8-9 pairs breed each year in a mix of natural and artificial hollows (Simon Cherriman pers comm. Link to ECU news coverage provided).

The nearest know breeding area for FRTBC is approximately 30 km to the SE in the Darling Range.

Methods and timing

All trees above 500mm diameter at breast height (DBH) located in a previous survey (Astron 2019-2020) were inspected for the presence of black cockatoo breeding hollows. Species include Jarrah *E. marginata,* Tuart *E. gomphocepala* and Marri *Corymbia calophylla.* Hollows of the correct size and angle were inspected for signs of use such as chewing and wear around the entrance indicating past use. All trees were inspected from ground level using binoculars and if deemed necessary inspected using a pole camera.

The survey took place between June 15th and June 27th 2020.

Breeding habitat

A total of 329 trees were inspected. The majority of trees, though above 500mm DBH, appear to be relatively young and have not yet reached sufficient age to form hollows large enough for black cockatoos.

Of interest were trees number (numbers from Astron report) 103, 190, 230 and 290.

Tree 103 (Tuart) has a small hollow with a chewed entrance and was located on a previous survey (T. Kirkby 2019. Documents supplied) and is probably not a black cockatoo breeding hollow.

Tree 190 (dead stag) has a top entry hollow with chewing at the entrance (photograph supplied) Although the top section of the hollow is in poor condition it may still be deep enough to provide a black cockatoo breeding hollow.

Tree 230 (dead Tuart stag) has a hollow (photograph supplied) which has an entrance large enough for a black cockatoo but which shows no signs of use around the rim or internally and is unlikely to be a breeding hollow. The hollow is probably too shallow.

Tree 290 (Tuart) has a hollow with a suitable entrance for a black cockatoo and which shows chewing at the entrance. Feral bees are present in a nearby hollow preventing closer inspection with a pole camera. Photograph from ground level supplied.

Foraging habitat.

The quality of the understorey foraging habitat throughout the survey varies between poor and completely degraded. For the complete list of foraging species see Astron 2019-2020. The more relevant species utilised by black cockatoos in the remaining understorey are *Banksia sessilis, B. nivea, Hakea lissocarpha, H. prostrata, H. trifurcata, Xanthorroeah priessi.* All are food sources for Carnaby's Cockatoo.

Though most understorey vegetation in the survey is rated as degraded much of the overstorey has good canopy condition, particularly Jarrah, Marri, Tuart, Sheoak *Allocasuarina fraseriana* and to a limited extent *Banksia spp*. The overstorey species are particularly relevant to FRTBC (apart from *banksia* spp) which feed on seeds from Jarrah, Marri, Sheoak and to a lesser extent Tuart and very rarely do they feed below the canopy level. Jarrah, Marri and particularly *banksia* spp. are also utilised by Carnaby's Cockatoos as are Tuart and sheoak, though to a much lesser extent.

Foraging residues from Carnaby's Cockatoos at the survey area were noted from Marri and banksia. They were also observed feeding on Jarrah (Astron 2019-2020). Given the presence of breeding Carnaby's Cockatoos to the north within 1 km of the survey area, the vegetation, though not in pristine condition may provide foraging habitat for these breeding birds.

Roosting sites.

No roosting sites are known from the survey area and no signs of black cockatoos roosting were noted.

Tony Kirkby

Black cockatoo researcher

28th June 2020

Attachment 4 – Murdoch University Black Cockatoo Satellite Tracking Research Data

Murdoch University Black Cockatoo Satellite Tracking Data

Source: Data and images supplied by Murdoch University (2020)

Plate 1. Carnaby's Cockatoo GPS satellite tracks (yellow), showing movement north and south, indicating that the general area surrounding the DE (green polygon) is a transit corridor for the species.

Source: Data and images supplied by Murdoch University (2020)

Plate 2. Wider view of the area showing the Carnaby's Cockatoo satellite tracks and utilisation of habitat in Neerabup National Park.