

WILDTHING

Environmental Consultants

31/03/2017

Job No. 12281

City of Newcastle
PO Box 489
NEWCASLTE, NSW 2300

**RE: HABITAT HIKES – GEORGE MCGREGOR RESERVE, JESMOND
BUSHLAND, AND WALLSEND BRICKWORK PARK.**

Three separate nocturnal habitat hikes were undertaken at the above sites as part of the Newcastle City Council 'Go Batty' community event in March. A forth Hike within Blackbutt Reserve was cancelled due to inclement weather.

Spotlight Surveys, Bat Call Surveys and Monofilament Harp Trap demonstrations were undertaken at each site. Bat echo-location calls were recorded using an Anabat detector. Details of fauna recorded at each site, including observation type and conservation status are shown in Tables 1-3. All fauna recorded were entered into the Office of Environment and Heritage (OEH) Atlas of NSW Wildlife database.

Yours faithfully,



DARYL HARMAN
Senior Ecologist
Wildthing Environmental Consultants

Table 1: Details of fauna recorded at George McGregor Reserve on 20/03/2017.

Species Name	Common Name	Conservation Status	Observation Type
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat		Ultrasonic recording
<i>Vespadelus</i> sp.	Unidentified Eptesicus		Ultrasonic recording
<i>Miniopterus australis</i>	Little Bentwing-bat	TSC Act 1995 - Vulnerable	Ultrasonic recording
Likely <i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat	TSC Act 1995 - Vulnerable	Ultrasonic recording
Possible <i>Mormopterus ridei</i>	Eastern Free-tailed Bat		Spotlighted
<i>Trichosurus vulpecula</i>	Common Brushtail Possum		Spotlighted
<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum		Spotlighted
<i>Pteropus poliocephalus</i>	Grey-headed flying fox	TSC Act 1995 – Vulnerable EPBC Act 1999 - Vulnerable	Spotlighted (Feeding on flowering Red Bloodwoods)
<i>Podargus strigoides</i>	Tawny Frogmouth		Spotlighted

Table 2: Details of fauna recorded at Jesmond Park on 21/03/2017.

Species Name	Common Name	Conservation Status	Observation Type
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat		Ultrasonic recording
<i>Vespadelus</i> sp.	Unidentified Eptesicus		Ultrasonic recording
<i>Miniopterus australis</i>	Little Bentwing-bat	TSC Act 1995 - Vulnerable	Ultrasonic recording
Possible <i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat	TSC Act 1995 - Vulnerable	Ultrasonic recording
Possible <i>Mormopterus ridei</i>	Eastern Free-tailed Bat		Spotlighted
<i>Trichosurus vulpecula</i>	Common Brushtail Possum		Spotlighted
<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum		Spotlighted
<i>Petaurus norfolcensis</i>	Squirrel Glider	TSC Act 1995 - Vulnerable	Spotlighted. Observed within nest boxes.
<i>Pteropus poliocephalus</i>	Grey-headed flying fox	TSC Act 1995 – Vulnerable EPBC Act 1999 - Vulnerable	Spotlighted (Feeding on flowering Bloodwoods)
<i>Podargus strigoides</i>	Tawny Frogmouth		Spotlighted

Table 3: Details of fauna recorded at Wallsend Brickwork Park on 29/03/2017.

Species Name	Common Name	Conservation Status	Observation Type
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat		Ultrasonic recording
<i>Vespadelus</i> sp.	Unidentified Eptesicus		Ultrasonic recording
<i>Chalinolobus morio</i>	Chocolate Wattled Bat		Ultrasonic recording
<i>Pteropus poliocephalus</i>	Grey-headed flying fox	TSC Act 1995 – Vulnerable EPBC Act 1999 - Vulnerable	Spotlighted
<i>Podargus strigoides</i>	Tawny Frogmouth		
<i>Egretta novaehollandiae</i>	White-faced Heron		Spotlighted
<i>Limnodynastes peroni</i>	Striped Marsh Frog		Call heard in wetland
<i>Crinia signifera</i>	Common Eastern Froglet		Call heard in wetland