

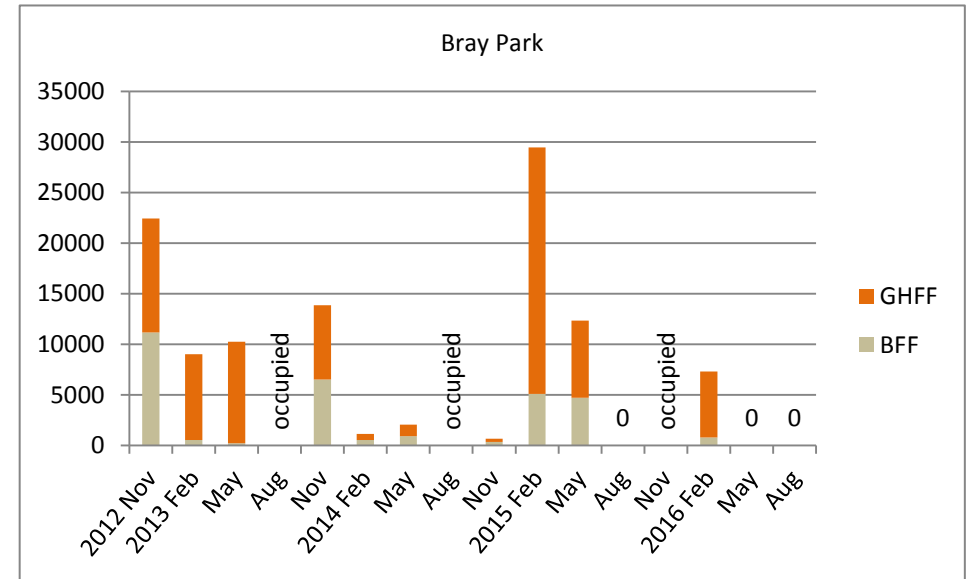
ATTACHMENT 1: Summary of Tweed Shire Flying-fox camp monitoring data

Camp details

Bray Park

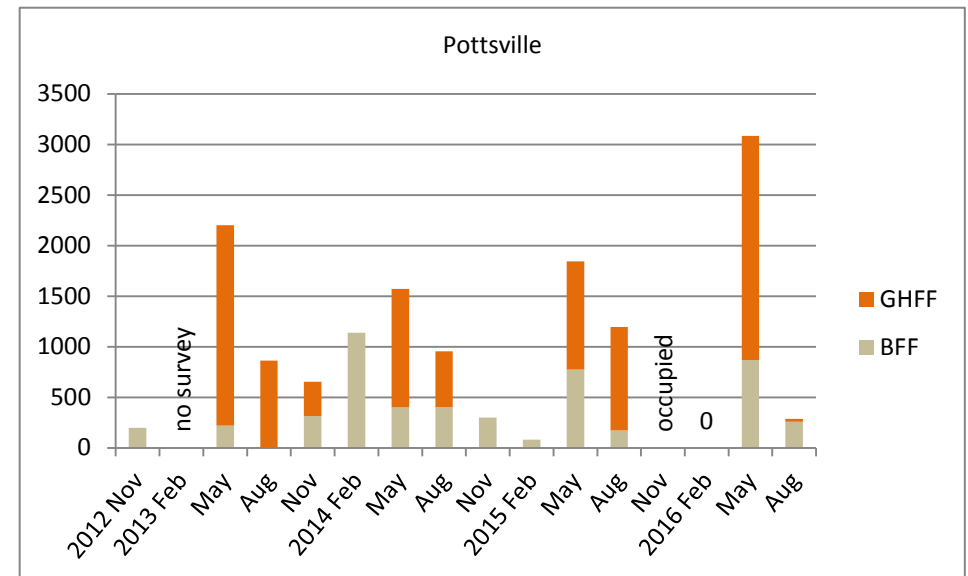
Location:	Wetland area adjacent to Riveroak Drive, Bray Park.
Tenure:	Tweed Shire Council. When camp numbers are large, the camp may extend partially onto privately-owned land in the north east of the wetland.
Occupancy:	Generally occupied year-round. The camp has been vacant during only three census periods to date
Species:	Black Flying-fox (BFF), Grey-headed Flying-fox (GHFF).
Population size:	Highly variable. Between 600 and 25,000 animals when occupied.
Vegetation:	Melaleuca-dominated wetland
Comments:	The Bray Park camp is generally the largest known camp in the Tweed

Camp monitoring data



Pottsville

Location:	South eastern corner of Pottsville Environment Park, adjacent to Cudgera Creek
Tenure:	Tweed Shire Council
Occupancy:	Generally occupied year-round, occasionally vacant.
Species:	Black Flying-fox, Grey-headed Flying-fox
Population size:	Variable, between approximately 100 and 3,000 animals
Vegetation:	Swamp oak, mangrove and swamp sclerophyll forest along Cudgera Creek
Comments:	Generally small numbers of Black Flying-fox with seasonal influx of Grey-headed Flying-fox in winter



Camp details

Oxley Cove
Location: Estuarine vegetation fringing the Tweed River estuary, adjacent to Bosun Boulevard, Banora Point

Tenure: Waterway

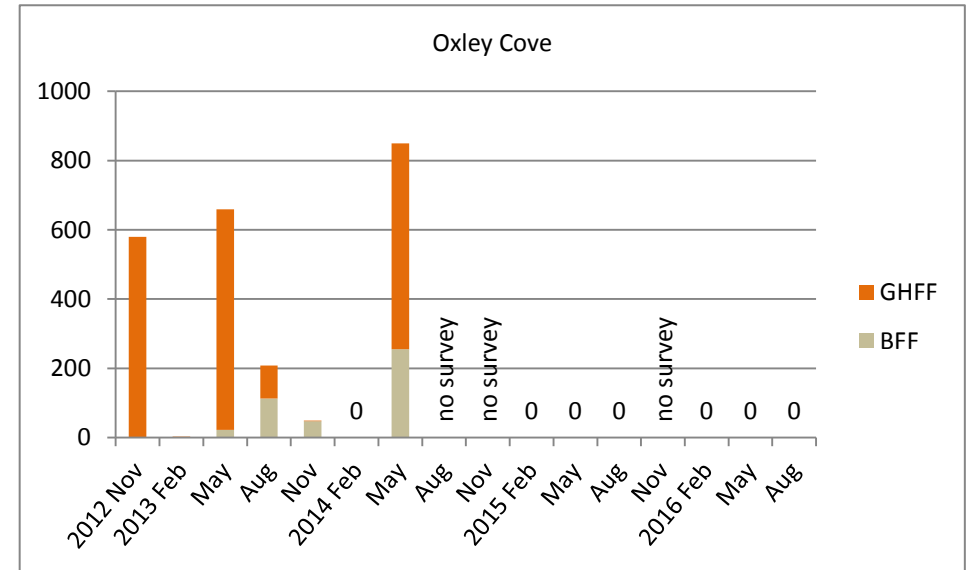
Occupancy: The camp was last recorded as occupied in May 2014, and has been unoccupied during the last five surveys

Species: Black Flying-fox, Grey-headed Flying-fox

Population size: Approximately 850 animals recorded in May 2014

Vegetation: Swamp oak and mangrove forest

Camp monitoring data



Chinderah

Location: Land adjacent to Kingscliff Creek, between Noble Lake and Elrond Drive, Kingscliff

Tenure: Tweed Shire Council

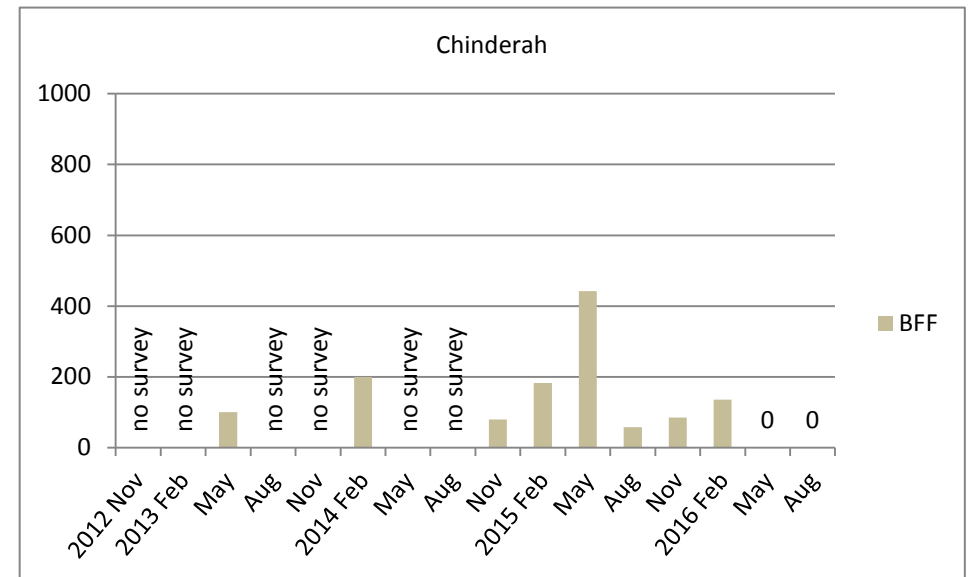
Occupancy: Usually occupied by low numbers of flying-fox. The camp was vacant during the May and August surveys

Species: Black Flying-fox

Population size: 50 – 450

Vegetation: Swamp oak forest

Comments: This camp has been temporarily occupied since at least September 2012



Camp details

Terranora

Broadwater

Location: Unnamed island in Terranora Broadwater, Tweed Heads West

Tenure: Crown Land

Occupancy: Occupied year-round

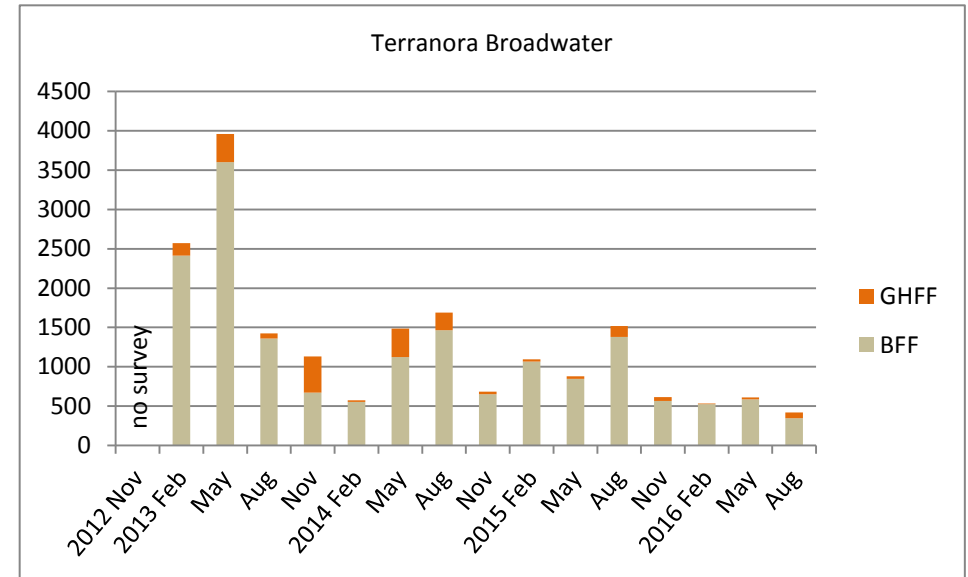
Species: Black Flying-fox, Grey-headed Flying-fox

Population size: 500 – 4,000

Vegetation: Mangrove forest / swamp oak forest

Comments: This is the only known camp in the Tweed that has been consistently occupied during all census periods since November 2012

Camp monitoring data



Frangela Drive

Location: Frangela Reserve, Frangela Drive, Murwillumbah

Tenure: Tweed Shire Council

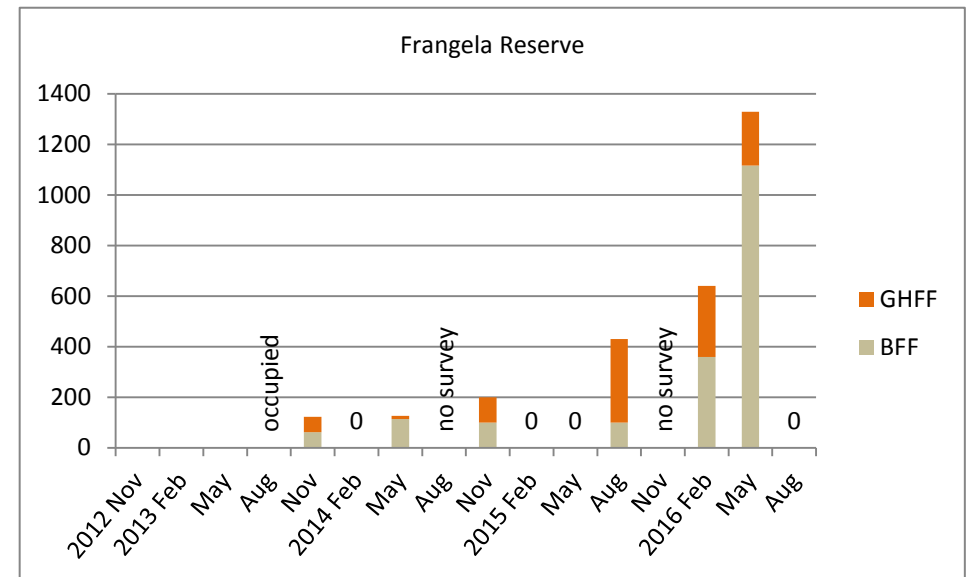
Occupancy: Occupied periodically since around August 2013

Species: Black Flying-fox, Grey-headed Flying-fox

Population size: 100 – 1,300

Vegetation: Camphor laurel with mixed species understorey

Comments: Relatively new camp with significant variability of occupation to date

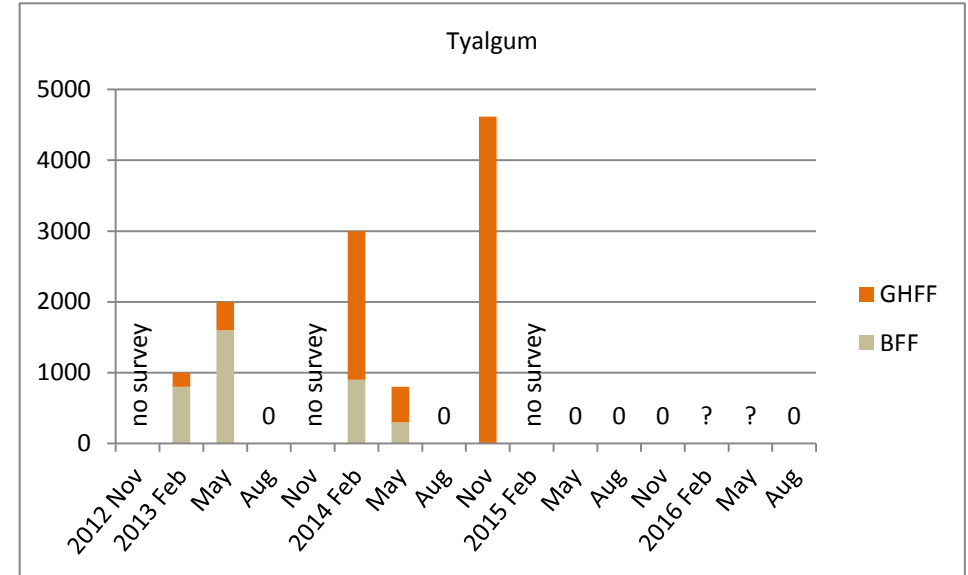


Camp details

Tyalgum

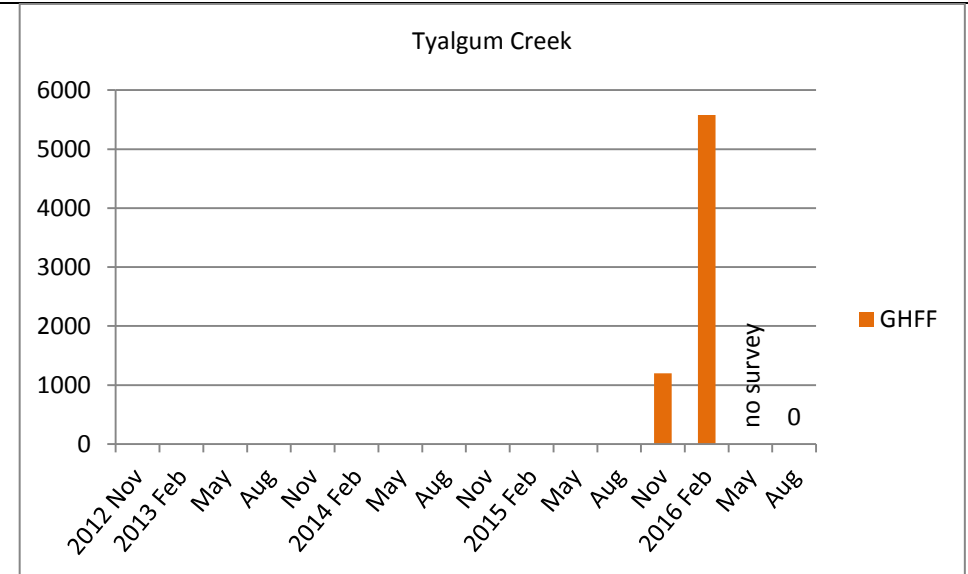
Location:	Brays Creek Road, Tyalgum, on the southern outskirts of Tyalgum village
Tenure:	Road reserve / private
Occupancy:	Occupied from about 2010 until around November 2014. Occasionally vacant.
Species:	Black Flying-fox, Grey-headed Flying-fox
Population size:	800 – 4,600
Vegetation:	Blackbutt forest north of Brays Creek Road. Riparian regrowth, camphor laurel and plantation adjacent to the Oxley River
Comments:	The camp has been known to occupy both sides of Brays Creek Road at times. Population data collected by National Parks and Wildlife Service

Camp monitoring data



Tyalgum Creek

Location:	Land adjacent Oxley River, Tyalgum Weir, Carraboi Terrace, Tyalgum
Tenure:	Tweed Shire Council, road reserve
Occupancy:	First recorded occupancy in November 2015
Species:	Grey-headed Flying-fox
Population size:	1,200 – 5,500
Vegetation:	River oak forest (revegetation planting)
Comments	Population data collected by National Parks and Wildlife Service



Other known camps

Camp	Tenure	Occupancy	Population size	Comments
<i>Uki</i>	Road reserve / waterway / private	Usually occupied year-round, but occasionally vacant	One census has been carried out at this camp, which estimated approximately 300 animals, in May 2016	Approximately equal numbers of Grey- headed and Black Flying-fox. Riparian vegetation on the corner of Kyogle Road and Smiths Creek Road, Uki has also been occupied by flying-fox at least once, presumably by animals from this camp
<i>Burringbar</i>	Private	This camp appears to be occupied during most of the year, but may be seasonally vacated.	One count has been carried out at this camp, which estimated approximately 500 animals in August 2016	Camp dominated by Black Flying-fox
<i>Kauri Avenue</i>	Private / road reserve	Occupied infrequently since August 2013	One census has been carried out at this camp, which estimated approximately 130 animals, in November 2013	A small camp with highly variable occupation
<i>Kingscliff library</i>	Tweed Shire Council / road reserve	Variable	One census has been carried out at this camp, which estimated approximately 100 animals, in May 2016	Anecdotal reports indicate that this camp has been occupied seasonally, during winter months, for a number of years
<i>Anchorage</i>	Tweed Shire Council	Unknown, likely periodic	One census has been done at this camp. Approximately 240 flying-fox were present in May 2016	Anecdotal reports indicate that this camp has been occupied, at least seasonally for at least two years
<i>Barneys Point</i>	Multiple tenures	Variable	Unknown. Will be included to November 2016 census	Anecdotal reports indicate that this camp has been occupied, at least seasonally for at least two years
<i>Banora Green</i>	Tweed Shire Council	Unknown	Unknown.	Will be assessed and integrated to census from November 2016
<i>Toloona Avenue</i>	Tweed Shire Council	Unknown	Approximately 30 animals reported	Will be assessed and integrated to census from November 2016.