

PAPAROA STATION ROAD BUSH

Survey no. Q08/037
Survey date 28 July 1998
Grid reference 1712898E 6005832N (AY30)
Area 10.3 ha
Altitude 60-80 m a.s.l.

Ecological unit

- (a) Rimu forest on gentle hillslope
- (b) Kauri forest on gentle hillslope
- (c) Taraire forest on hillslope

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

Only a limited view of this site was obtained.

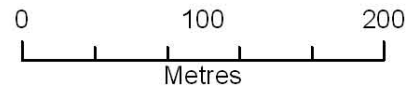
- (a) An area of abundant rimu occurs in the northern end of the remnant with frequent kānuka/mānuka. Tānekaha and tōtara occur occasionally.
- (b) Kauri is dominant in a small area in the northern end.
- (c) Taraire is abundant in the southern end with frequent rewarewa. Other species present include kahikatea, karaka, rimu and tōtara.

Fauna

None noted.

Significance

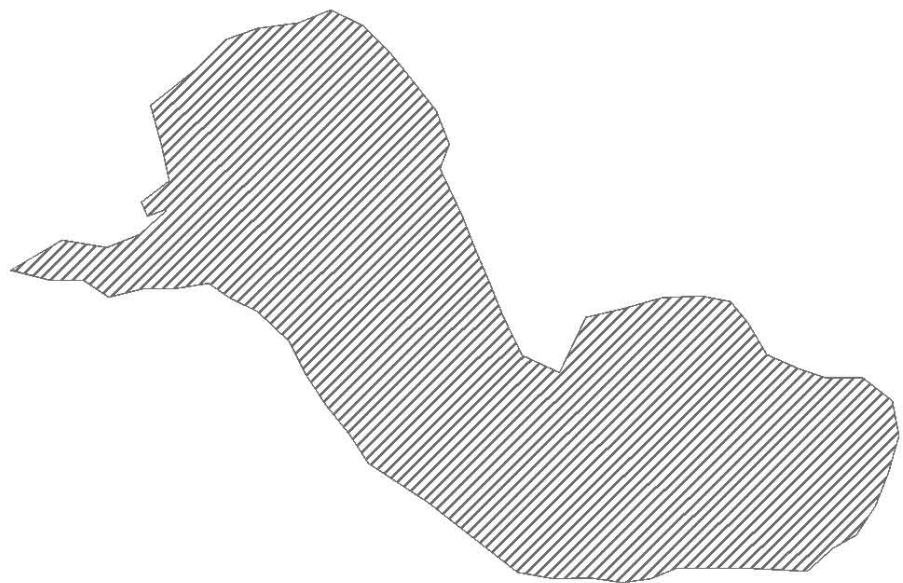
Lowland kauri-podocarp/broadleaf remnant within a very modified Ecological District. Further survey may establish additional ecological values. This site occurs within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q08/037 Paparoa Station Road Bush

Habitat type

-  Forest
-  Shrubland
-  Wetland



PAPAROA REMNANTS

Survey no.	Q08/038
Survey date	28 July 1998
Grid reference	1712063E 6005615N (AY30)
Area	50.5 ha, 3 remnants (23.9 ha forest, 26.5 ha shrubland)
Altitude	40-132 m a.s.l.

Ecological unit

- (a) Kahikatea-taraire forest on moderate hillslope
- (b) Taraire forest on moderate hillslope
- (c) Tôtara forest on gentle hillslope
- (d) Kānuka/mānuka shrubland on hillslope
- (e) Tī kōuka-mamaku-patē shrubland on moderate hillslope
- (f) Mamaku-patē shrubland on gentle hillslope

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

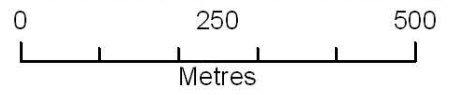
- (a) Kahikatea and taraire occur in the north with a variety of occasional species including rimu, pūriri, mataī, rewarewa, puka, tōtara and nīkau.
 - (b) Abundant taraire occurs here along with occasional tōtara, pūriri, karaka and rimu.
 - (c) Tōtara is dominant in the remaining forested areas. Pūriri, kahikatea, mamaku and kānuka/mānuka are occasional.
- Three shrubland types were identified south of this and are patchy and cut over in places.
- (d) Areas of dominant kānuka/mānuka.
 - (e) An association of tī kōuka, mamaku and patē are co-dominant with occasional nīkau, emergent pūriri and kānuka/mānuka.
 - (f) Mamaku and patē occur in the southern area of shrubland. Tōtara, tī kōuka, māhoe, kahikatea, kānuka/mānuka and some emergent pine are also present.

Fauna

None noted.

Significance

A relatively large regenerating area of shrubland and forest within a very modified Ecological District. The shrubland area is 'patchy' and 'cut over' with pine trees evident. Approximately 0.2 ha of this site occurs within an 'At Risk' land environment and 50.3 ha within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q08/038 Paparoa Remnants

Habitat type

-  Forest
-  Shrubland
-  Wetland



GILLON ROAD BUSH

Survey no. Q08/045
Survey date 15 April 1999
Grid reference 1703759E 6004362N (AY29)
Area 4.9 ha
Altitude 60-100 m a.s.l.

Ecological unit

(a) Kānuka/mānuka-tōtara forest on hillslope

Landform/geology

Hillslope of Mangakahia Complex sandstone and mudstone.

Vegetation

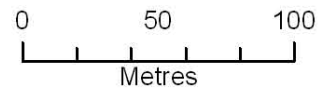
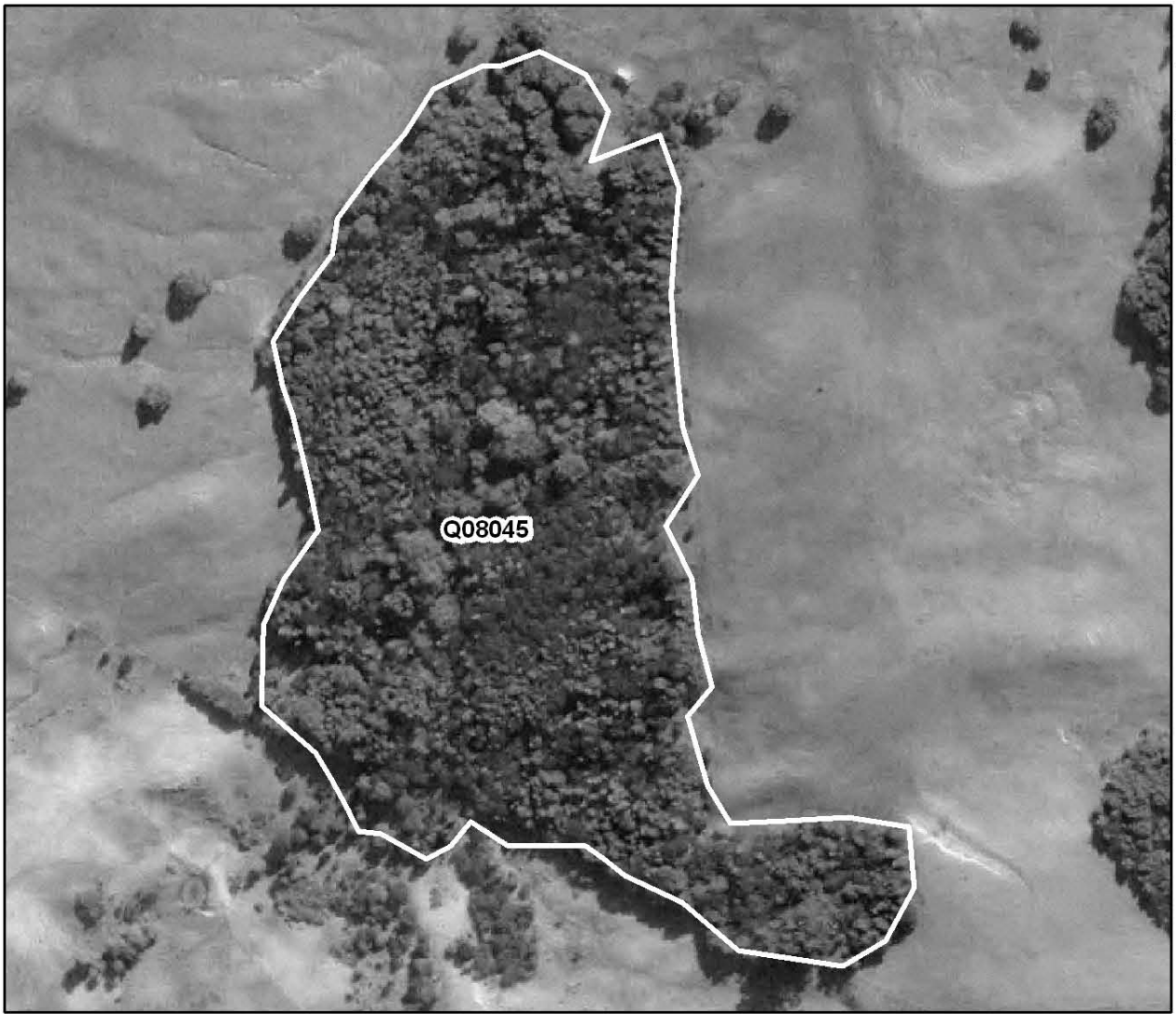
(a) Kānuka/mānuka and tōtara are co-dominant with frequent rimu and kauri in the canopy. Kahikatea, tōwai, nīkau and puka are occasional.

Fauna

None noted.

Significance

A small forest remnant providing important stepping stone habitat within a very modified Ecological District. A Queen Elizabeth II National Trust Open Space covenant protects 3.9 ha of the site.



Q08/045 Gillon Road Bush

Habitat type

-  Forest
-  Shrubland
-  Wetland



OVENS ROAD REMNANT

Survey no. Q08/046
Survey date 20 April 1999
Grid reference 1702913E 6006957N (AY29)
Area 10.6 ha
Altitude 40-80 m a.s.l.

Ecological unit

(a) Tōtara forest on moderate hillslope

Landform/geology

Hillslope of Mangakahia Complex sandstone/mudstone.

Vegetation

The northern face of this site was not surveyed.

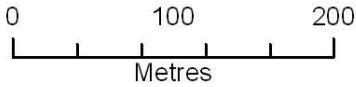
(a) The southern face is dominated by tōtara. Kānuka/mānuka is frequent and kahikatea, rimu, pūriri, pukatea, kōwhai, and tī kōuka are occasional.

Fauna

None noted.

Significance

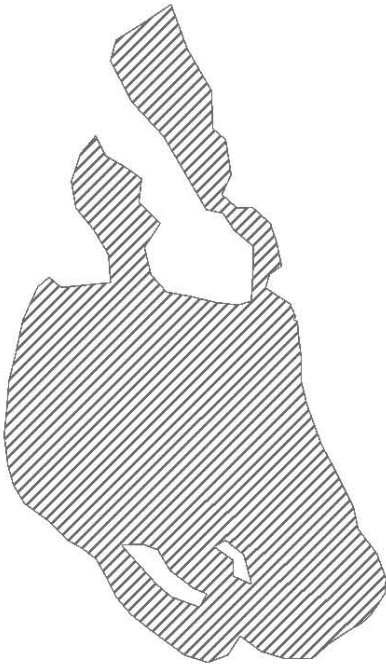
Small forested remnant in close proximity to Smoky Hill Scenic Reserve and Surrounds (Q08/030) providing stepping stone habitat within a very modified Ecological District. This site occurs within an 'At Risk' land environment (A6.1b) (Walker et al. 2007).



Q08/046 Ovens Road Remnant

Habitat type

-  Forest
-  Shrubland
-  Wetland



BALL ROAD REMNANTS

Survey no.	Q08/047
Survey date	15 April 1999
Grid reference	1703576E 6002269N (AY29)
Area	10.9 ha, 2 remnants
Altitude	60-120 m a.s.l.

Ecological unit

- (a) Taraire forest on moderate hillslope
- (b) Tōtara forest on gentle hillslope

Landform/geology

Hillslope of Mangakahia Complex mudstone.

Vegetation

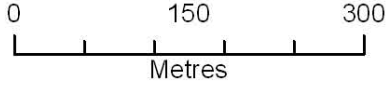
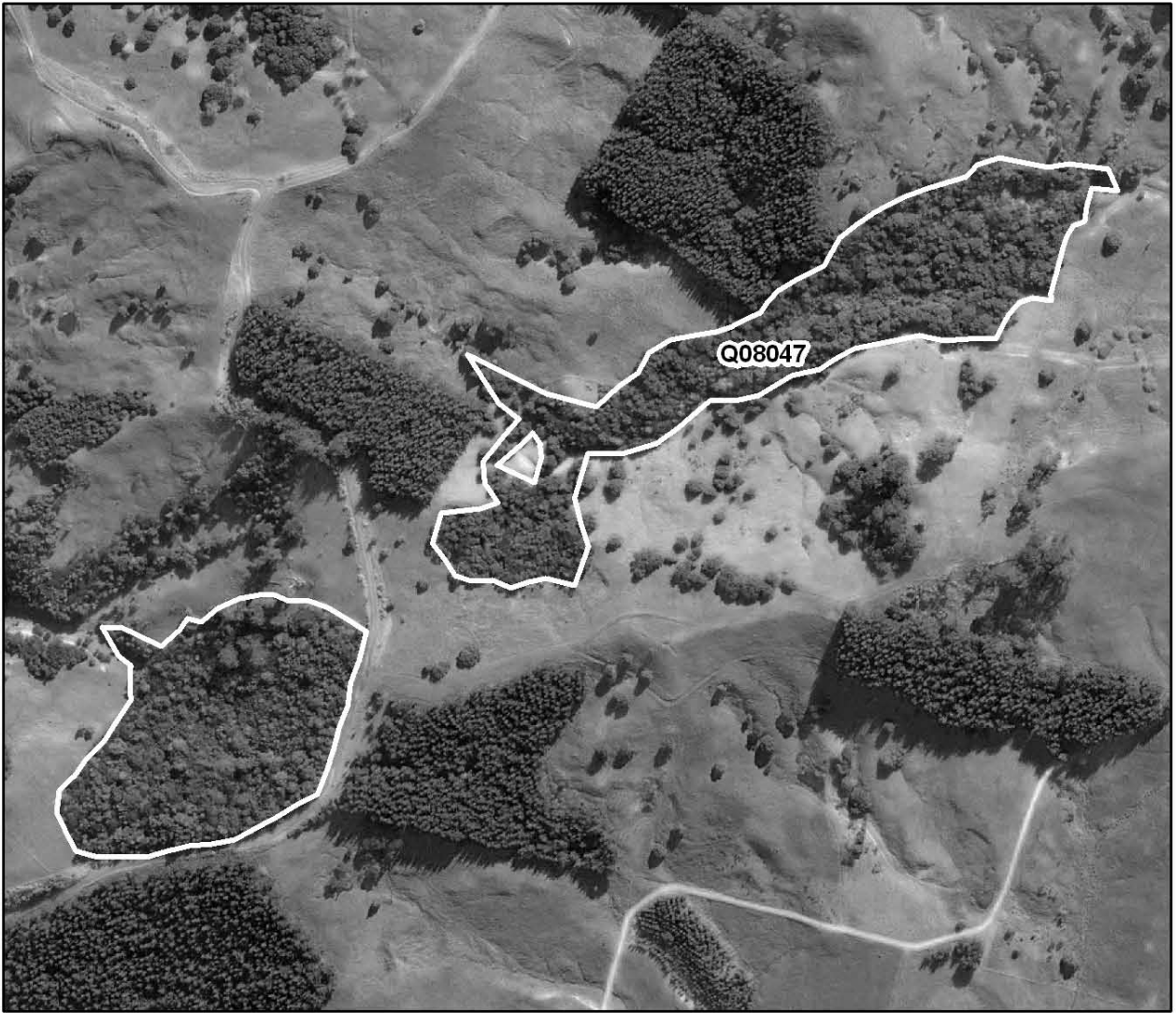
- (a) Taraire is common in the western remnant (90%), along with frequent pūriri, tōtara and nīkau. Other species present include emergent kauri, rewarewa, kahikatea, karaka, tī kōuka, and kākūka/mānuka.
- (b) The eastern remnant is mainly tōtara with frequent kauri. Tānekaha, pūriri, kahikatea, nīkau, mamaku and kākūka/mānuka are occasional.

Fauna

None noted.

Significance

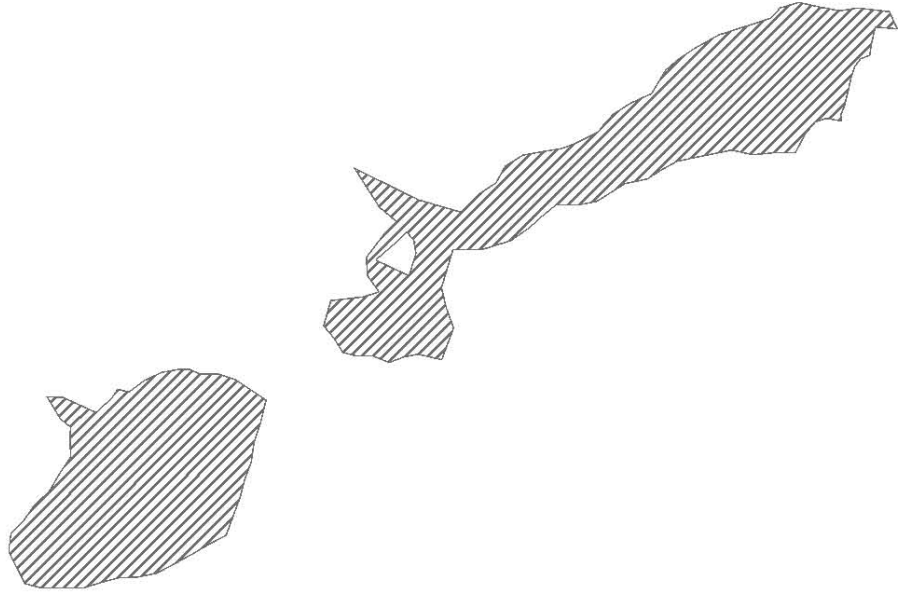
Two small forested remnants providing stepping stone habitat including a potential seasonal food source (taraire, karaka, pūriri) for the regionally significant kākūka within a very modified Ecological District. This site occurs within an 'At Risk' land environment (A6.1b) (Walker et al. 2007).



Q08/047 Ball Road Remnants

Habitat type

-  Forest
-  Shrubland
-  Wetland



LOWER WEARMOUTH ROAD REMNANT

Survey no.	Q08/049
Survey date	12 April 1999
Grid reference	1709552E 6003843N (AY30)
Area	19.5 ha (18 ha forest, 1.5 ha shrubland)
Altitude	20-60 m a.s.l.

Ecological unit

- (a) Kānuka/mānuka shrubland on gentle hillslope
- (b) Taraire forest in gully and on gentle hillslope

Landform/geology

Hillslope of Mangakahia Complex sandstone and mudstone.

Vegetation

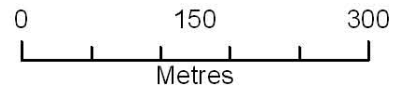
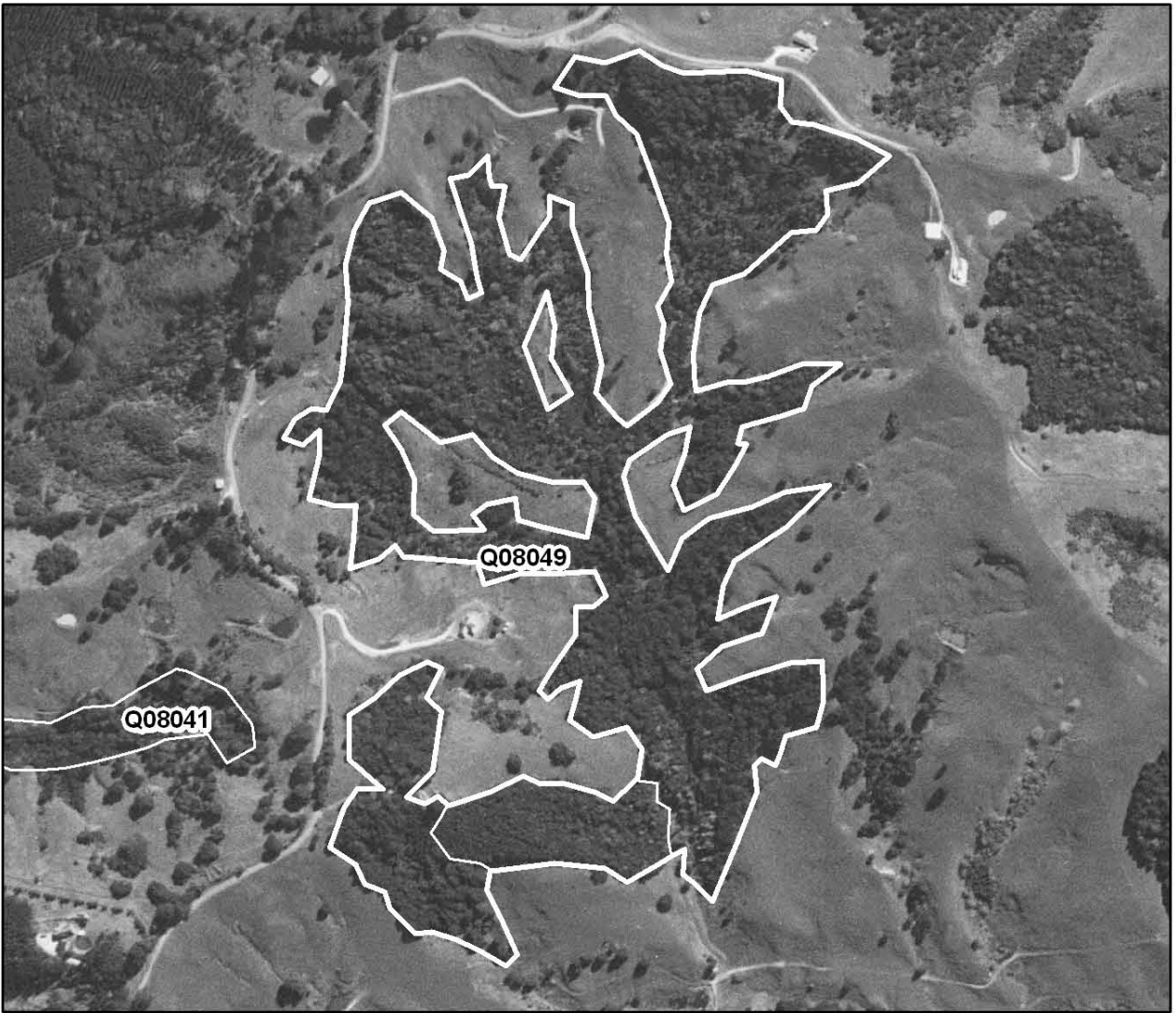
- (a) An area of kānuka/mānuka shrubland occurs in the south. Tōtara is frequent and pūriri, tānekaha, rewarewa and pine occur occasionally.
- (b) The forested areas are predominantly taraire:
 - (i) In the gully with emergent rimu and kauri, pūriri, rewarewa and pukatea.
 - (ii) On the hillslope, with occasional kahikatea, rimu, tōtara, pūriri, kauri, kohekohe, nīkau, and mamaku.

Fauna

None noted.

Significance

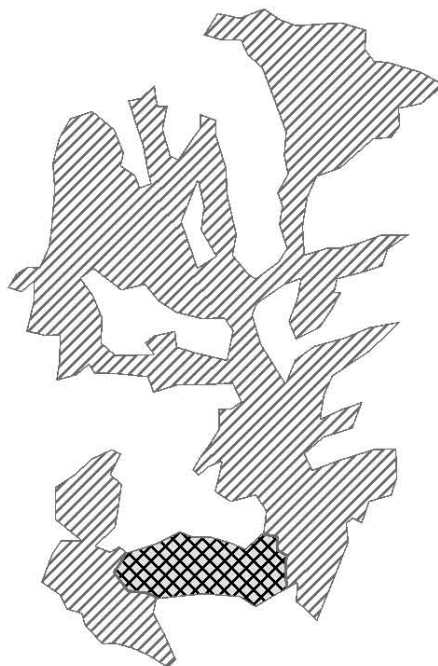
A lowland forested remnant providing stepping stone habitat within a very modified Ecological District. A potential seasonal food source for the regionally significant kūkupa. Lowland forest is an under-represented habitat type within the Tokatoka Ecological District and throughout Northland generally; however, the narrowness and irregular shape of this site limits its significance. The site occurs within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q08/049 Lower Wearmouth Road Remnant

Habitat type

-  Forest
-  Shrubland
-  Wetland



KIRK ROAD HILLSLOPE REMNANT

Survey no. Q08/050
Survey date 20 April 1999
Grid reference 1720905E 6007793N (AY30)
Area 9.4 ha
Altitude 60-140 m a.s.l.

Ecological unit

(a) Kānuka/mānuka-mamaku-tōtara forest on moderate hillslope

Landform/geology

Hillslope of Mangakahia Complex mudstone and sandstone.

Vegetation

(a) An association of kānuka/mānuka, mamaku and tōtara is common throughout the area. Kahikatea, taraire, tānekaha, patē, tī kōuka and nīkau are occasional.

Pines are contiguous along the eastern boundary.

Fauna

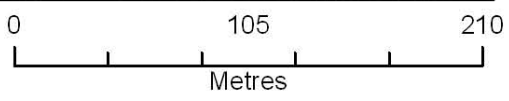
None noted.

Significance

A forested remnant within a very modified Ecological District. At the time of survey this remnant was fenced from stock (pers. comm. landowner 1999). Approximately 0.6 ha of the site occurs within a 'Chronically Threatened' land environment (A6.1d), 1.3 ha within an 'At Risk' land environment (A6.1b), and 7.6 ha within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q08/050 Kirk Road Hillslope Remnant



Habitat type

-  Forest
-  Shrubland
-  Wetland



POWELL ROAD REMNANT

Survey no.	Q08/052
Survey date	19 May 1999
Grid reference	1699657E 6003792N (AY29)
Area	7.2 ha (5.5 ha forest, 1.7 ha shrubland)
Altitude	60-120 m a.s.l.

Ecological unit

- (a) Taraire forest on moderate hillslope
- (b) Kauri forest on moderate hillslope
- (c) Kānuka/mānuka shrubland on moderate hillslope

Landform/geology

Valley of Mangakahia Complex sandstone/mudstone.

Vegetation

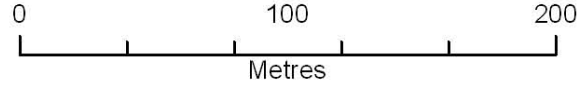
- (a) The western end of the remnant is dominated by taraire. Species occurring occasionally include emergent kauri, pūriri, rewarewa, kohekohe, kahikatea, tōtara, nīkau, tī kōuka and kānuka/mānuka.
- (b) Two stands of kauri were identified on the edges of the remnant, north and south of type (a). Rimu is present.
- (c) Abundant kānuka/mānuka occurs with occasional kauri, rewarewa, and rimu in the shrubland area.

Fauna

None noted.

Significance

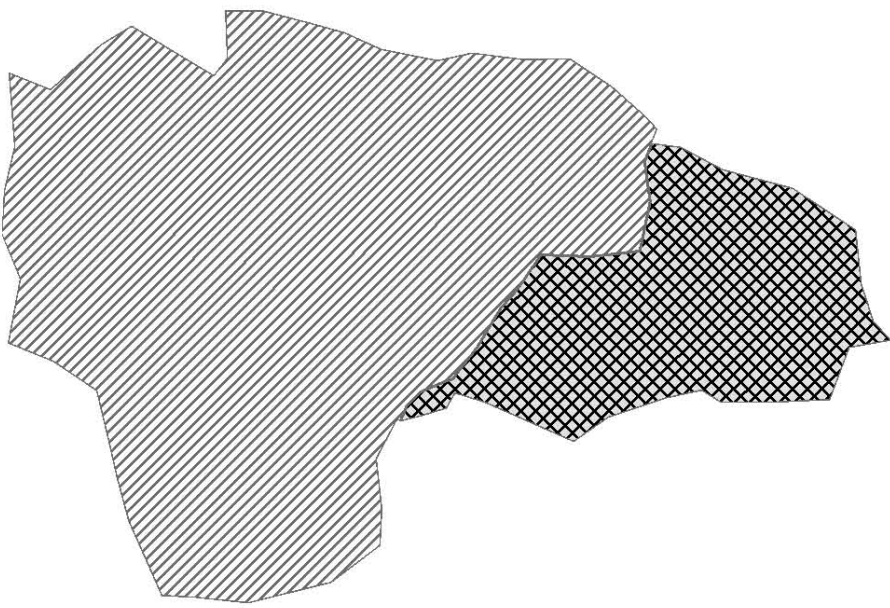
Forest remnant providing stepping stone habitat within a very modified Ecological District, including a potential seasonal food source (taraire) for the regionally significant kūkupa. This site occurs within a 'Critically Underprotected' land environment (A6.1a) (Walker et al. 2007).



Q08/052 Powell Road Remnant

Habitat type

-  Forest
-  Shrubland
-  Wetland



BELLAMY ROAD REMNANTS

Survey no. Q08/053
Survey date 19 May 1999
Grid reference 1700426E 6003126N (AY29)
Area 8.6 ha, 2 remnants
Altitude 20-110 m a.s.l.

Ecological unit

(a) Kānuka/mānuka-tōtara forest on moderate hillslope

Landform/geology

Hillslopes of Mangakahia Complex sandstone/mudstone.

Vegetation

In 1999, this site was mapped as being 33.4 ha. 2008 aerial photography shows that this site has greatly reduced, with the clearance of a remnant that originally occurred in the southwest. This remnant was dominated by kānuka/mānuka shrubland.

(a) The northern remnant contains co-dominant kānuka/mānuka and tōtara. Tānekaha and emergent kauri are frequent with occasional pūriri, rimu and kahikatea.

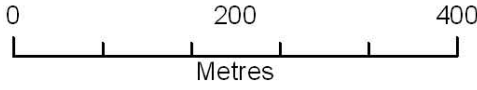
The small southern forested remnant was not described.

Fauna

None noted.

Significance

Small forested remnants providing stepping stone habitat within a very modified Ecological District. This site occurs within a 'Critically Underprotected' land environment (A6.1a) (Walker et al. 2007).



Q08/053 Bellamy Road Remnants

- Habitat type**
- Forest
 - Shrubland
 - Wetland



GOLDEN STAIRS ROAD KAHIKATEA REMNANT

Survey no. Q08/054
Survey date 20 April 1999
Grid reference 1718653E 6010147N (AY30)
Area 10.6 ha, 2 remnants
Altitude 60-80 m a.s.l.

Ecological unit

(a) Kahikatea forest on gentle hillslope

Landform/geology

Floodplain of Holocene alluvium, and adjoining lower hillslope of Mangakahia Complex sandstone/mudstone.

Vegetation

Only a limited view of this site was obtained and the southern remnant was not surveyed.

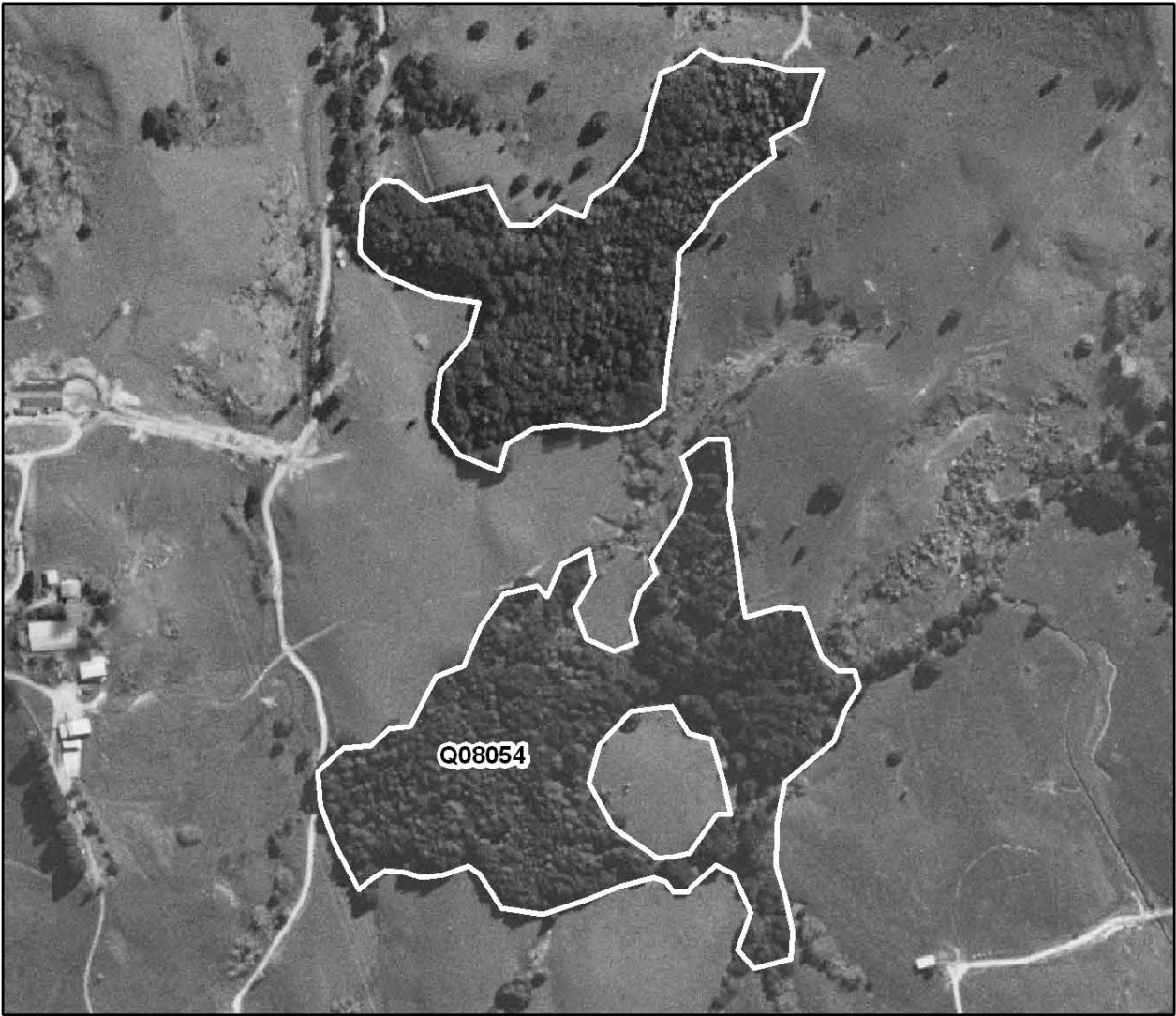
(a) The northern remnant appears to be abundant kahikatea with some rimu and tōtara.

Fauna

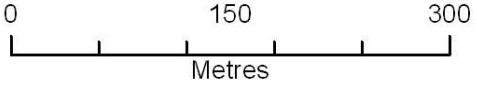
None noted.

Significance



Small lowland forest remnants within a very modified Ecological District. Further survey may elevate the status of this site. Approximately 3.5 ha of this site occurs within a 'Chronically Threatened' land environment (G3.1b) and 7.1 ha within an 'At Risk' land environment (A6.1b) (Walker et al. 2007).

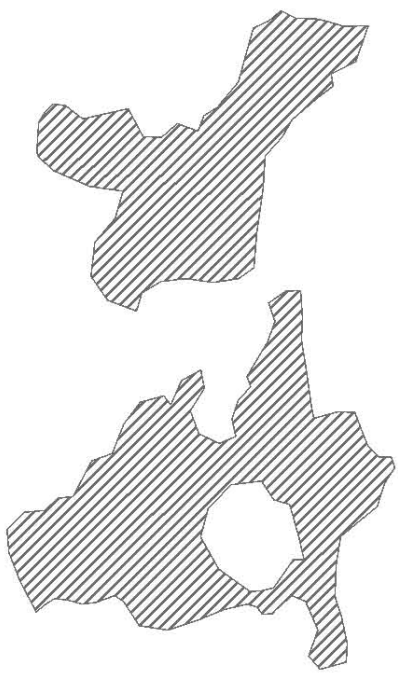


**Q08/054 Golden Stairs Road
Kahikatea Remnant**



Habitat type

-  Forest
-  Shrubland
-  Wetland



MASON ROAD COVENANT

Survey no.	Q08/055
Survey date	Not surveyed—information from N. Matich (Queen Elizabeth II National Trust Kaipara regional representative)
Grid reference	1712625E 6017203N (AY30)
Area	2.5 ha
Altitude	60-100 m a.s.l.

Ecological unit

(a) Kohekohe-nīkau forest on hillslope

Landform/geology

Mangakahia Complex mudstone/sandstone.

Vegetation

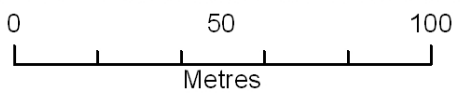
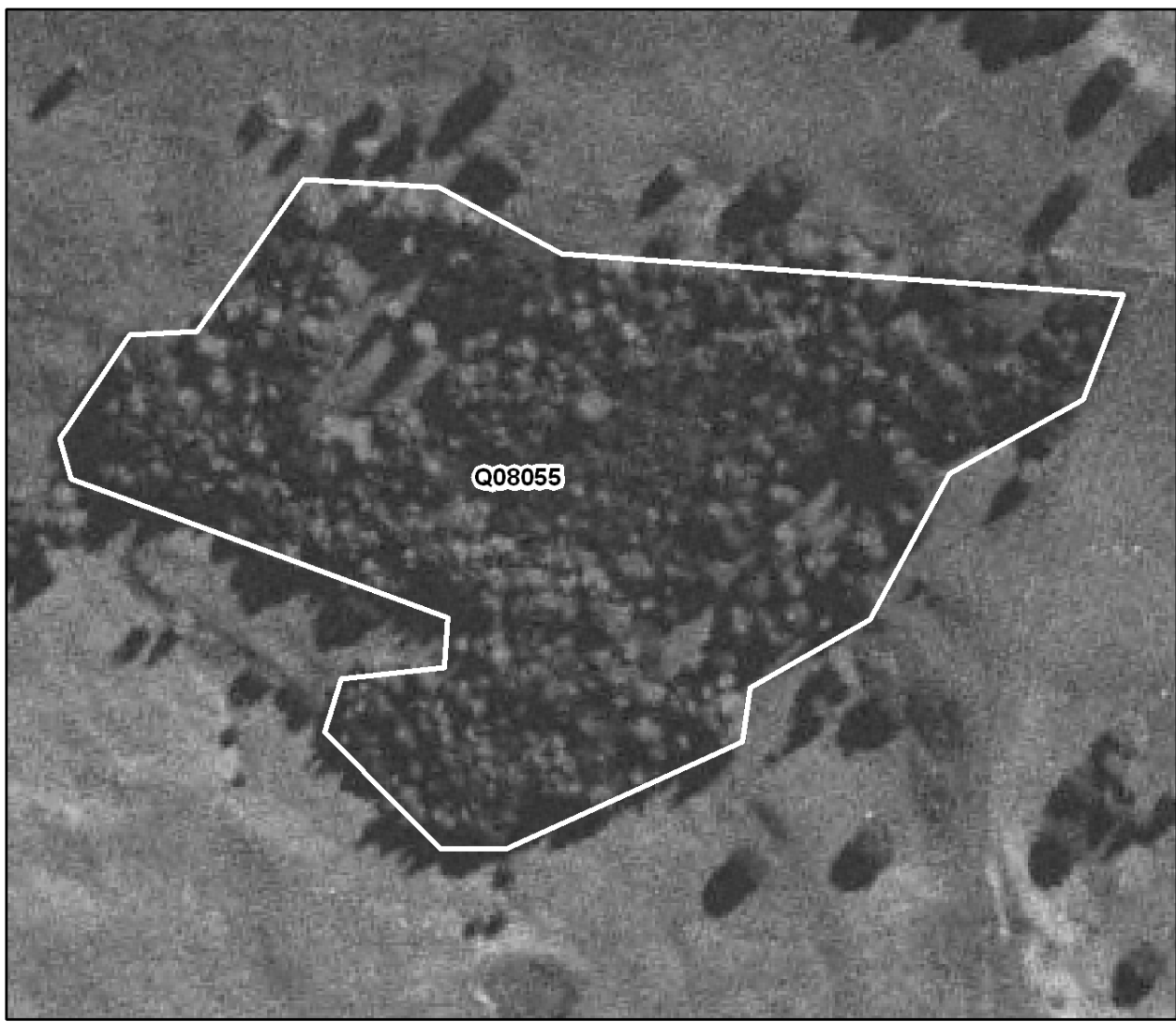
Kohekohe and nīkau are present in the canopy. Karamū, ponga, nīkau, tī kōuka, kohekohe occur in the understorey.

Fauna

Kūkupa (regionally significant species), tūī, NI fantail, NI kingfisher, Australasian harrier (information from N. Matich (Queen Elizabeth II National Trust Kaipara regional representative)).

Significance

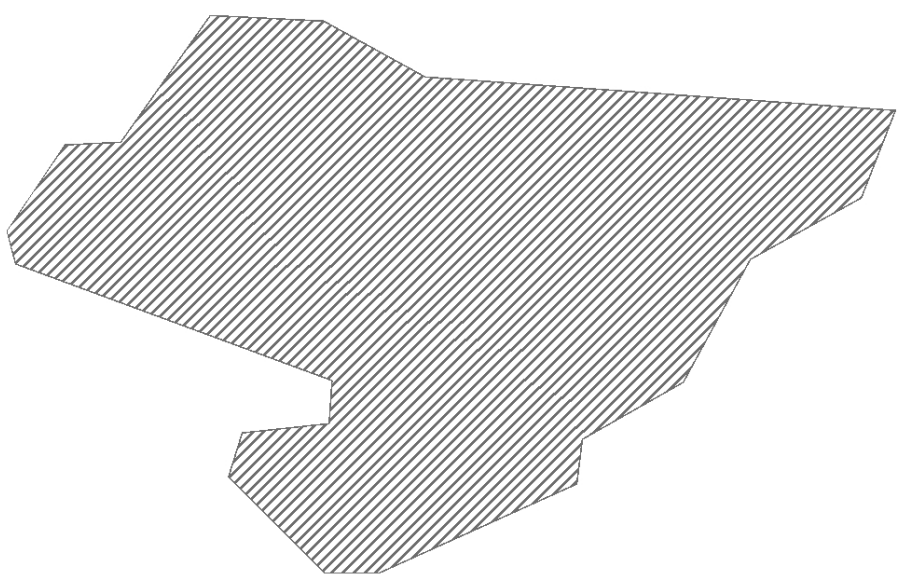
The kohekohe-nīkau forest type has not been recorded elsewhere within this Ecological District; however, the smallness of this site limits its significance. The site is protected by a Queen Elizabeth II National Trust Open Space covenant (2.3 ha). This site occurs within a 'Critically Underprotected' land environment (A6.1a) (Walker et al. 2007).



Q08/055 Mason Road Covenant

Habitat type

-  Forest
-  Shrubland
-  Wetland



POYNER ROAD SHRUBLAND

Survey no.	Q08/056
Survey date	26 January 2011
Grid reference	1704493E 6007141N (AY29)
Area	8.1 ha
Altitude	20 m a.s.l.

Ecological unit

- (a) Mānuka shrubland on flat (98%)
- (b) Tōtara forest on flat (2%)

Landform/geology

Muddy limestone.

Vegetation

- (a) This site is dominated by a dense canopy of mānuka.
- (b) On the northern and eastern boundaries, and in a tongue within the mānuka shrubland, tōtara occurs with occasional kānuka/mānuka, rimu and kōwhai (this was not mapped).

Fauna

None noted.

Significance

It is possible that this small area of shrubland maybe gumland, as the habitat has a characteristic flat-looking mānuka canopy and is low lying. Only a survey within the site will confirm this and so until there is more information, this site is accorded Level 2 status. Gumland is one of Northland's rarest habitat types and there is only one gumland area identified within the Tokatoka Ecological District—at Curnow Road Gemstone Conservation Area (P07/090). Poyner Road Shrubland occurs within an 'At Risk' land environment (A6.1b) (Walker et al. 2007).

POYNER ROAD SHRUBLAND

Survey no.	Q08/056
Survey date	26 January 2011
Grid reference	1704493E 6007141N (AY29)
Area	8.1 ha
Altitude	20 m a.s.l.

Ecological unit

- (a) Mānuka shrubland on flat (98%)
- (b) Tōtara forest on flat (2%)

Landform/geology

Muddy limestone.

Vegetation

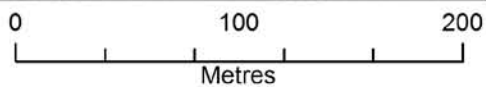
- (a) This site is dominated by a dense canopy of mānuka.
- (b) On the northern and eastern boundaries, and in a tongue within the mānuka shrubland, tōtara occurs with occasional kānuka/mānuka, rimu and kōwhai (this was not mapped).

Fauna

None noted.

Significance

It is possible that this small area of shrubland maybe gumland, as the habitat has a characteristic flat-looking mānuka canopy and is low lying. Only a survey within the site will confirm this and so until there is more information, this site is accorded Level 2 status. Gumland is one of Northland's rarest habitat types and there is only one gumland area identified within the Tokatoka Ecological District—at Curnow Road Gemstone Conservation Area (P07/090). Poyner Road Shrubland occurs within an 'At Risk' land environment (A6.1b) (Walker et al. 2007).



Q08/056 Poyner Road Shrubland

Habitat type

-  Forest
-  Shrubland
-  Wetland

