

## 4. Site descriptions

Midpoint grid references (New Zealand Transverse Mercator (NZTM)) are given for all sites. Where more than one remnant exists at a site, the number of remnants is given after the area of the site.

Vegetation types within ecological units describe abundant/dominant (> 50% of the canopy) species and/or common (20–50% of the canopy) species (refer to Section 2.3). If there are more than one canopy species, and the species are all common within the canopy, they are listed alphabetically. Where possible, the percentage cover of ecological units has been included in site descriptions.

Most of threatened flora and fauna records have been sourced from Bioweb and the SSBI information system as well as other databases mentioned in Section 2.1, or from direct observations during the course of this survey. The fauna section of each site report is focussed on significant fauna, with their current conservation status or regionally significant status (see Subsections 3.3.5–3.4.7 for detail on these species). If the information was available, common species have also been added. See Appendix 5 for a checklist of flora and Appendix 7 for a checklist of fauna in the Tokatoka Ecological District.

‘None noted’ is written in the fauna section of the site descriptions if, at the time of publication, DOC’s Northland Conservancy did not have any information on indigenous fauna species from that natural area.

Recent aerial photography from 2002 and 2008 was used to produce the site maps and to ‘update’ the original 1998/99 survey. Changes in some sites were evident and some new sites were added. Where boundary changes occurred, an explanation was made at the beginning of the vegetation section of the site report. In some cases, the site boundaries have changed significantly, and hence the vegetation description may have changed from the original survey.

### 4.1 LEVEL 1 SITES

Table 2 lists the sites that were assessed to be Level 1 sites at the date of survey. They are described and mapped in the ensuing sections.

TABLE 2. LIST OF LEVEL 1 SITES.

SITE NAME	SURVEY NO.	GRID REF.
Manganui River Complex	P07/086	1695804E 6022034N (AX29)
Kauri Airstrip Remnant	P07/088	1696798E 6019843N (AX29)
Curnow Road Gemstone Conservation Area	P07/090	1696603E 6021440N (AX29)
Okahu Stream and Surrounds-Wainui Road (Part of the Manganui River Complex)	P07/091	1693952E 6018911N (AX29)
Wallace Road Bush	P07/092	1691992E 6019156N (AX29)
Okahu Stream Forest and Alluvial Remnants (Part of the Manganui River Complex)	P07/093	1693221E 6020307N (AX29)
Maungatawhiri Forest Remnant	P07/096	1685502E 6021356N (AX29)
Turiwiri Scenic Reserve	P07/097	1681240E 6021299N (AX29)
Rowlands Road Remnant	P07/098	1681723E 6021775N (AX28)
Hill Road Remnants	P07/100	1684022E 6023619N (AX29)
Hoanga Road Shrubland and Forest	P07/101	1684787E 6025092N (AX29)
Waima Stream Mouth Remnant	P07/103	1683730E 602694N (AX28)
Northern Wairoa River Broadleaf Remnant	P07/104	1686246E 6025145N (AX29)
Manganui Trig Forest	P07/108	1691316E 6023234N (AX29)
Pukehuia Road Bush	P07/109	1690661E 6025847N (AX29)
Boar Stream Bush	P07/110	1693452E 6023926N (AX29)
Girls High School Road Bush	P07/112	1695126E 6025391N (AX29)
Omana Lowland Forest Remnant	P07/114	1699045E 6024356N (AX29)
Rehia Bush and Surrounds	P08/001	1698871E 6004467N (AY29)
State Highway 12 Remnants	P08/002	1697939E 6002635N (AY29)
Greenhill Road Puriri Remnant	P08/004	1697377E 6003788N (AY29)
Whenuanui Scenic Reserve	P08/008	1693808E 6007042N (AY29)
Lower Blong Remnant	P08/012	1688259E 6007811N (AY29)
Tokatoka Scenic Reserve and Surrounds	P08/014	1687665E 6009206N (AY29)
Berghans Bush and Surrounds	P08/015	1687549E 6010762N (AY29)
Dreadon Road Bush	P08/017	1693206E 6011566N (AY29)
Ringrose Road Remnants	P08/018	1695704E 6011777E (AY29)
Bentley Road Bush	P08/019	1696189E 6010170N (AY29)
Lusk Road Bush	P08/024	1699662E 6012828N (AY29)
Mititai/Okahu Stream Remnants	P08/025	1696036E 6014844N (AY29)
Kauri Hill Bush Remnants	P08/026	1698589E 6015346N (AY29)
Tokatoka Road Remnant	P08/028	1696166E 6013828N (AY29)
Tokatoka Road Hillslope Forest	P08/030	1690875E 6012672N (AY29)
Inch Road Remnant	P08/032	1689295E 6012833N (AY29)
Maungaraho Rock Scenic Reserve and Surrounds	P08/034	1687935E 6013208N (AY29)
Montgomery Memorial Bush Scenic Reserve and Surrounds	P08/036	1686634E 6013662N (AY29)
Tokatoka Road Riverine Remnant	P08/038	1692226E 6012987N (AY29)

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SITE NAME	SURVEY NO.	GRID REF.
Te Whiro Bush and Surrounds	P08/039	1691244E 6016727N (AY 29)
Tokatoka/Okahu Stream Remnants (Part of the Manganui River Complex)	P08/043	1694855E 6017435N (AY29)
Okahu Bush	P08/044	1697142E 6017596N (AY29)
Hamlyns Bush Scenic Reserve	P08/047	1686112E 6017912N (AY29)
Waiotira Road Bush	Q07/086	1709224E 6026240N (AX30)
Newmans Bush	Q07/087	1707741E 6023957N (AX29)
Taipuha Road Bush	Q07/088	1708923E 6022021N (AX30)
Hartnell Road Bush	Q07/089	1709235E 6020775N (AX30)
Bartlett Road Bush	Q07/091	1710002E 6024607N (AX30)
Tauraroa Bush	Q07/092	1708225E 6026911N (AX30)
Omana Road Bush	Q07/093	1706507E 6027480N (AX29)
Pikiwahine Bush Remnants	Q07/094	1703457E 6024069N (AX29)
Pikiwahine Railway Bush Remnant	Q07/095	1700273E 6024869N (AX29)
Pighthouse Stream Bush Remnant	Q07/097	1703752E 6024912N (AX29)
Upper Mititai Road Bush	Q07/098	1705703E 6019912N (AX29)
Waikeikei Bush Remnant	Q07/100	1712227E 6023860N (AX30)
Mititai Road Forest (Part of Manganui River Complex)	Q07/103	1700716E 6018528N (AX29)
Tauraroa Riverine Remnants	Q07/108	1701403E 6024610N (AX29)
Hilford Road Remnants	Q07/179	1707336E 6025156N (AX29)
Paiawa Road Forest (Part of Manganui River Complex)	Q08/002	1700936E 6015641N (AY29)
Paiawa Hill Forest Remnant	Q08/003	1701464E 6015475N (AY29)
Ararua North Forest Remnants (Part of Manganui River Complex)	Q08/004	1703504E 6016453N (AY29)
Ararua South Forest Remnants	Q08/005	1703499E 6014332E (AY29)
Parahi Scenic Reserve and Surrounds	Q08/010	1701153E 6011318N (AY29)
Paparoa Stream Remnant	Q08/011	1713631E 6005225N (AY30)
Paparoa/Oakleigh Road QEII Forest Remnants	Q08/012	1714101E 6007316N (AY30)
Ararua Road Bush	Q08/014	1705794E 6013796N (AY29)
Parkers Road Bush	Q08/015	1704532E 6012478N (AY29)
Poyner Road Remnant	Q08/017	1704732E 6008007N (AY29)
Bull Road Bush	Q08/018	1707059E 6016568N (AY29)
Manganui-Taylor's Road Bush and Surrounds	Q08/019	1710498E 6015187N (AY30)
Lindquist Road Bush	Q08/021	1709801E 6009515N (AY30)
Pukekohe Scenic Reserve and Surrounds	Q08/022	1709171E 6012590N (AY30)
Upper Arcadia Road Bush	Q08/023	1713072E 6009834N (AY30)
Taipuha Bush	Q08/024	1716140E 6017284N (AY30)
Cross Family Trust Covenant and Surrounds	Q08/025	1717257E 6013376N (AY30)
McCarroll Gap Bush Remnants	Q08/026	1714805E 6011987E (AY30)

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SITE NAME	SURVEY NO.	GRID REF.
Mareretu Bush Remnants	Q08/027	1717494e 6009839n (AY30)
Golf Course Road Remnants	Q08/029	1719961E 6008252N (AY30)
Smoky Hill Scenic Reserve and Surrounds	Q08/030	1701123E 6006480N (AY29)
Lower Arcadia Road Remnants	Q08/031	1712150E 6007838N (AY30)
Franklin Road Bush	Q08/032	1710454E 6005802N (AY30)
Waipikopiko Stream Remnants	Q08/033	1718813E 6007241N (AY30)
Wairere Valley Bush Remnant	Q08/034	1715748E 6006013N (AY30)
Lower Bull Road Bush	Q08/035	1711084E 6012599N (AY30)
Wearmouth Road Bush	Q08/039	1708517E 6005481N (AY30)
Arcadia Kauri Bush	Q08/040	1712042E 6011407N (AY30)
Kauri Bushmans Memorial Reserve and Surrounds	Q08/041	1708555E 6003655N (AY30)
Pasley Road Remnants	Q08/042	1707105E 6004113N (AY29)
Tana Road Shrubland	Q08/043	1701114E 6002308N (AY29)
Porter Road Hillslope Remnants	Q08/044	1708616E 6008322N (AY30)
Golden Stairs Road Bush	Q08/051	1720010E 6009491N (AY30)

## MANGANUI RIVER COMPLEX

The Manganui River is the most significant and most dominant ecological feature of the Tokatoka Ecological District. The Manganui River's associated floodplain is estimated to cover 8700 ha<sup>8</sup> with less than 10% of the entire floodplain supporting significant natural areas identified by Northland Conservancy through PNAP survey. Outside of this site, six sites within the Tokatoka Ecological District (totalling 331.9 ha) have been identified as being part of the Manganui River Complex—P07/091, P07/093, P08/043, Q07/103, Q08/002, and Q08/004. P07/086 clearly contains the most important natural areas within the Manganui River floodplain. In the following site report for P07/086, a separate description of ecological units and representative ecological units is divided into Part A and Part B to help rationalise vegetation descriptions over such a large contiguous area. Some of the following ecological unit descriptions have been labelled (i.e. (A-1), (A-2) etc) with the site map accordingly labelled to show where the ecological unit description occurs. Significant flora and fauna is discussed for the whole site with notes (p. 58), followed by an assessment of significance for the whole site (p. 59).

<sup>8</sup> LENZ (Land Environments of New Zealand) analysis) by DOC Northland Conservancy 2008