

# Index

This index comprises all keywords, authors and serial titles, as listed in the items shown in this bibliography.

## A

*Acacia melanoxylon*, 19, 82, 93  
*Acanthisitta chloris*, 53  
Adam, P., 136  
afforestation impact, 41  
*Agathis australis*, 20, 26, 43, 94  
agriculture, 17, 18, 19, 40, 57  
Allen, D.G., 17  
Allen, D.J., 13  
Almond, P., 61  
Alspach, P.A., 136  
Alterio, N., 26  
*Anthornis melanura*, 53  
Arachnida, 56  
Arahiwi  
    Railway Scenic Reserve, 32, 64  
    Scenic Reserve, 32, 64  
    Stewardship Area, 32, 64  
archaeology, 57  
Armillaria root rot, 54, 127  
Armstrong, D.P., 16, 17  
ash  
    deposits (beds) and soils, 98, 135  
    showers, 56, 116  
    soil-forming showers, 134  
    volcanic, 59  
Aston, B.C., 17, 18  
*Auckland Weekly News*, 55  
*Australian Journal of Earth Sciences*, 67

## B

Bardsley, W.E., 32  
Barry, M.A., 19  
bats, 40  
*Bay of Plenty Conservancy Technical Support Series*, 57  
Beadel, S.M., 19, 116  
beech  
    black, 138  
    clear felling, 51  
    decline (hard), 62, 63  
    distribution, 98  
    forest, 14, 18, 29, 33, 51, 65, 94  
    hard, 62, 63, 138  
    hybrids, 98  
    morphology, 138  
    mountain, 138  
    provenances, 138

    red, 33, 138  
    seedling growth, 138  
    silver, 138  
*Beilschmiedia tawa*, 18, 25, 29, 39, 54, 66, 72, 73, 108, 117  
bellbird, 53  
Bellingham, M.R., 20  
Bellingham, P.J., 20  
Bergin, D.O., 20, 21, 22, 106  
Beveridge, A.E., 22, 24, 25, 71  
bibliography, 24, 25, 73  
bicycling, 55  
biodiversity, 32, 33, 49, 64, 116  
*Biological Conservation*, 16, 17  
biology, 131  
bird(s), 20, 78, 80, 92  
    corridor, 37, 72  
    observations, 77  
    populations, 114, 141  
    recovery, 27  
    survey, 27, 39, 100  
Birrell, K.S., 111  
blackwood, 19, 93  
    Mamaku inter-planting trials, 93  
    regeneration, 93  
    removal, 82  
Blake, M., 77  
*Bos taurus*, 65, 75, 100  
botanical values, 107  
botany, 30, 34, 35, 36, 52, 63, 70, 98, 115, 119  
Boyd, M.J., 25  
bracken autecology, 71  
Briggs, R., 76  
Broekhuizen, P., 26  
Brown, K.P., 26  
browsing animal(s), 25, 65  
    impacts, 140  
Buckingham, R.P., 26  
Burns, B.R., 119  
bush  
    remnant, 78  
    sickness, 17, 18, 19, 123  
    tramways, 122  
*Bush Telegraph*, 15  
business, 92  
butterflies, 131  
Buxton, R.P., 136

## C

*Callaeas cinerea*, 16, 21, 25, 27, 38, 39, 47, 50, 53, 54, 57, 63, 66, 67, 69, 74, 75, 77, 79, 92, 99, 100, 123, 124, 134, 136, 140, 141  
Cameron, E., 28  
Cameron, E.K., 20  
Cameron, L.A., 42  
Cameron, R.J., 28  
canopy gaps, 108, 109, 125  
*Capra hircus*, 40, 74, 75  
Carryer, S.J., 29  
Carter, D.A., 42  
Cashmore, P., 29, 30, 31, 106  
cat, 67, 69  
caterpillar, vegetable, 49  
cattle, 65, 100  
    wild, 75  
Cecil Road experimental area, 80  
*Cervus*  
    *elaphus*, 39, 65, 75, 77  
    spp., 27, 40, 74, 100  
    *unicolor*, 75  
chemical releasing, 109  
Choudhry, S., 32  
Christensen, B.R., 24, 32  
cicada damage, 139  
Clarkson, B.D., 33, 34, 35, 36  
Clarkson, B.R., 36, 136  
climate, 80, 112  
    records, 127  
Clout, M.N., 36  
Cole, J.W., 81  
collections, 56  
Collins, D., 37  
community survey, 141  
conifer plantations, 73  
*Conservancy Science Notes*, 25  
conservation, 15, 25, 32, 33, 51, 52, 53, 64, 66, 67, 69, 82, 84, 91, 92, 100, 113, 116, 141  
    management, 16, 17, 21, 44  
    proposals, 38  
    values, 16, 45, 83, 107, 130  
*Cordyceps* spp., 49  
Courtney, S.P., 20  
Craig, J.L., 16, 17  
Crook, I.G., 37, 38, 39  
*Cyanoramphus* sp., 53

## D

*Dacrycarpus dacrydioides*, 80, 109, 139  
*Dacrydium cupressinum*, 18, 80, 109, 139  
*Dactylanthus taylorii*, 36, 52  
    ecology, 51  
    monitoring, 49

*Daily Post*, 130  
Dale, R.W., 39  
*Dama dama*, 75  
Daniel, M.J., 40  
Dansey Road Scenic Reserve, 32, 64, 70  
Dawson, D.G., 40  
Dean's Block, 20  
deer, 27, 40, 74, 100  
    fallow, 75  
    liberation, 75  
    red, 39, 65, 75, 77  
    sambar, 75  
defoliation, 62, 63  
de Lacy, H., 40  
Dell, P.M., 41, 42  
dendrochronology, 65  
dieback, 52  
*DOC Science Internal Series*, 24  
drought, 62, 63, 65  
Druce, A.P., 20, 48, 49  
duck, blue, 92  
Ducre, K., 49  
Ducre, W., 49  
Dugdale, J.S., 49

## E

earth science, 17, 18, 19, 67  
Ebert, B., 50  
Ecological Area(s), 13, 14, 128, 129  
    descriptions, 98  
    proposals, 20, 61, 86, 87  
Ecological Reserves, 14, 91  
ecological values, 82  
ecology, 16, 17, 36, 49, 56, 113, 119  
Ecroyd, C., 30, 36, 50  
Edmonds, A.S., 51  
education, 13, 43  
*Elaeocarpus dentatus*, 125  
endangered  
    biota, 92, 113  
    birdlife, 84  
Endean's Block, Ngongotaha, 48  
environmental  
    education, 43  
    organisations, 79  
    protest, 92  
    values, 90, 124  
*Erinaceus europaeus*, 67, 69  
erosion, 19, 41, 57, 61, 65  
    forestry: roading and earthworks, 58, 59  
eruptive centres, 135  
eucalypts, 19  
Ewen, J.G., 17  
experimental  
    areas, 30, 128  
    reserves, 107

## F

falcon, 63  
*Falco novaeseelandiae*, 63  
farming, 17, 18, 19, 40, 57  
  bush sickness, 123  
fauna, 16, 17, 21, 31, 78  
*Fauna of New Zealand*, 49  
*Fauna Survey Unit Report*, 37, 38, 39, 113  
Faville, M.J., 52  
*Felis catus*, 67, 69  
fern, king, 115  
fertiliser, 109  
  response, 139  
Fitzgerald, A., 52, 73  
Fitzgerald Glade, 66, 80  
Fleet, L.K., 53  
Fleming, C.A., 53  
Fletcher, M.J., 142  
floods, 62  
flora, 31, 78, 119  
Flux, M., 67, 68  
forest  
  bird populations, 27  
  bird survey, 133  
  class, 98  
  composition, 65  
  conservation, 46, 79  
  conversion, 75  
  corridor, 44, 73, 112  
  decline, 63, 65  
  ecology, 25, 27, 46, 61, 65, 103, 108, 114, 140  
  environment, 13, 43  
  exploitation, 45  
  gecko, 138  
  growth cycle, 119  
  hardwood, 94  
  human impact, 51  
  management, 25, 40, 51  
  management plan, 14, 86  
  restoration, 23, 71, 102, 104, 107, 128  
  reverted cutover, 22, 102, 103, 104, 125, 127  
  track, 14  
*Forest & Bird*, 66, 75, 84  
Forest & Bird (org.), 21, 92  
*Forest Ecology and Management*, 101  
Forest Research Institute, 92  
forestry, 36, 53, 67, 69, 137  
  erosion, 42, 58, 59  
  exotic, 130  
  operations, 133  
  sedimentation of catchment, 42  
forest types, 77, 94, 97, 100, 124, 127, 128  
  descriptions and map, 80, 95, 96, 97  
Fransen, P.J.B., 55

## frog(s)

  green and golden bell, 138  
  Hochstetter's, 120  
  survey, 120

Fuller, R.A., 55

fungal attack, 62

fungi, 36, 49, 54, 127, 142

## G

*Gahnia rigida*, 135

Gammans Block, 21, 54, 116

Gammon, G.A., 55

Gaze, P.D., 40

geckos, 138

Gemmill, C.E.C., 52

geological

  dating, 67

  map, 59

geology, 29, 36, 55, 56, 59, 61, 67, 76, 80, 81, 83, 111, 116, 134, 135, 142

Gilchrist, A., 56

Giribet, G., 56

goat, 40, 74, 75

Gondwanaland, 113

Grange, L.I., 56

Green, T.G.A., 65

Griffiths, C.D., 57

Griffiths, R., 30, 106

Griggs, K., 57

Grimmett, R.F.R., 57

Grouden, V.J., 57

ground water

  flow, 41, 42

  nutrients, 130

guide book, 88

gull, black-backed, 50

*Gymnorhina hypoleuca*, 50

## H

habitat, 100

Hall's totara, 80

Hansen, P.V., 59

Harris, L.H., 75

Harris, R.W., 57, 58, 59

Haydock, K., 20, 48

Hay, J.R., 73

Hayward, J., 73

Healy, J., 59

hedgehog, 67, 69

*Hemiphaga novaeseelandiae*, 53

Herbert, J.H., 60

Herbert, J.W., 20, 61

Hidden Gorge Scenic Reserve, 116

Hill, R., 61

hinau planting, 125

historical

  notes, 45

  resources, 57

*Historical Review: Bay of Plenty Journal of History*, 55

history, 13, 55, 75

logging, 83, 122

Mamaku settlement, 123

milling of Mamaku forests, 122

Hoare, R.A., 62

Hobbs, J.E., 62

Hock, B.K., 101

Holzappel, A.S., 25, 52

Hope, G.S., 136

*Hoplodactylus granulatus*, 138

Horooho, 65, 75, 134

Bluffs, 48

Conservation Area, 31, 47, 77, 110

experimental area, 127

Forest, 32, 37, 38, 60, 64, 75, 106, 109, 123, 139

State Forest 31, 86

Hosking, G.P., 62, 63

Hudson, J., 63

Hudson, Q., 26

Hunt, K., 64

Hutcheson, J.A., 63

hydrogeology, 29

hydrology, 29, 32, 41, 42, 57

*Hymenolaimus malacorhynchus*, 92

## I

ignimbrite

Mamaku, 29, 55, 59, 67, 76, 81, 134

water storage, 41, 42

*Ileostylus micranthus*, 62

indigenous forest, 25, 36, 40

clearing, 58, 66, 83

conversion, 17, 19, 53, 58, 66, 73, 84

corridor, 72

cutover, 30, 36, 69

logging, 57

pattern, 94

reserves, 92, 130

species, 127

indigenous forestry, 73

*Indigenous Silvicultural Report*, 70

Innes, J., 26, 67, 68

insect

attack, 62

damage, 139

interplanting, 82

inventory, 32, 57, 64, 116

## J

James, I.L., 39

Jane, G.T., 64, 65

Jennings, S., 66

Jerram, J.V., 66

*Journal of the Royal Society of New Zealand*, 119

*Journal of Volcanology and Geothermal Research*, 81

## K

Kaharoa, 26, 62

Ash, 134

Ash shower, 56

Conservation Area, 31, 115

Forest, 21

State Forest 33, 86

kahikatea, 80, 109, 139

Kaimai

Action Group, 75

National Park Promotion Council, 75

National Park proposal, 75

Ranges, 120

Kaimai Mamaku

Forest Park, 13, 15, 19, 43, 46, 48, 56,

57, 58, 90, 91, 100, 116, 140

Forest Park history, 45

Ranges, 47

State Forest Park, 14, 26, 40, 84, 86,

88, 89, 90, 91, 97

Kaingaroa Forest, 106

kaka, 53, 63, 100

kakariki, 53

kauri, 20, 26, 43, 94

grove, 43

snail, 56, 100

Kennedy, N.M., 67

kereru, 53

Kimberley, M.O., 21, 67, 68, 101

Kimber, R.W.L., 67

King, C.M., 67, 68

King, D.R., 69, 70

Klomp, B.K., 127

Knowles, B., 70, 71

kokako, 21, 25, 53, 54, 57, 66, 67, 69, 92, 100, 123, 124

behaviour, 39

breeding, 50, 63, 99, 134, 140

diet, 74

habitat, 38, 39, 75, 79

population, 27, 47, 77, 99

population decline, 27, 38

population distribution and status, 136

research, 39

reserves, 39

survey, 47, 63, 77, 134, 141

survival, 16

territories, 141

Kopurererua

River Marginal Strip, 116

Stream, 14

Krogh, L., 129

## L

lagoons, 29, 115  
Lake Rotohokahoka, 36  
Lake Rotorua, 130  
land  
  development, 92, 113  
  sales, 92  
land use, 80, 112, 113  
  changes, 58  
  conflict, 130  
*Larus dominicanus*, 50  
leaf miner, 63  
Leamy, K., 73  
Leathwick, J.A., 140  
Leathwick, J.R., 68, 73  
Ledgard, N.J., 138  
*Leiopelma hochstetteri*, 120  
Leslie Road, 66, 134  
  Stewardship Area, 32, 64  
*Litorea aurea*, 138  
Llewellyn, M., 74  
loess, 61, 67, 111  
Logan, P.C., 75  
logging, 13, 67, 69, 123, 137  
  cessation, 15, 51  
  history, 29, 66, 95, 96  
  impact, 19, 133  
  indigenous forests, 57  
  partial, 83  
Long, C., 75  
Lovegrove, T.G., 17  
Lowe, D.J., 101  
Lynch-Blosse, B., 76

## M

*Macropus eugenii*, 75  
magpie, 50  
Mamaku, 18, 134, 141  
  Ash, 56  
  Ash shower, 56  
  Bush Tramway, 83  
  church, 53  
  cutover forest, 29, 82  
  Demonstration Farm, 17, 18, 19, 57  
  eruption, 142  
  Forest, 27, 32, 64, 75, 78, 84, 86, 106, 112  
  forest types, 129  
  history of logging and milling, 122  
  Ignimbrite, 29, 55, 59, 67, 76, 81, 134  
  North, 75  
  research forest, 107  
  Scenic Reserve, 32, 64  
  soils, 91  
  south, 44  
  Stewardship Area, 32, 64  
  tephra, 67

  townships, 66  
  village, 123, 142  
Mamaku Plateau, 13, 18, 20, 27, 36, 38, 39, 54, 55, 60, 61, 62, 65, 66, 67, 76, 79, 80, 81, 83, 89, 97, 98, 102, 103, 104, 108, 111, 112, 114, 117, 119, 124, 125, 134, 135, 136, 138, 142  
  environmental aspects, 133  
  experimental blocks, 46  
  flanks, 93  
  forests, 51, 98  
  Manawahe, 44  
  northern flanks, 96  
  south and central, 95  
  southern, 48  
  tephra, 67  
  western, 96  
  western flanks, 97  
mammals, 36, 40, 67, 69, 74, 80  
management operations, 27  
management plan(s), 84  
  draft, 89, 90, 91  
  submissions, 15, 91  
Manawahe Kokako Trust, 57  
Mangapapa, 98  
  Ecological Area, 86, 95, 116  
Mangapouri  
  botanical survey, 70  
  Scenic Reserve, 32, 64  
  Stream Marginal Strip, 32, 64  
Mangorewa, 14, 98  
  Conservation Area, 32, 64  
  Ecological Area, 21, 32, 64, 96, 98  
  Forest, 21, 32, 64  
  Forest Conservation Area, 29  
  Reserve, 86  
  Scenic Reserve, 33  
  State Forest 19, 86  
  Stream, 48, 49  
  wildlife corridor, 21  
Manville, V., 76  
Maori claims, 124  
*Marattia salicina*, 115  
Marsh, S., 77  
Marwick, K., 78  
Matahana, 98  
  Ecological Area, 86  
matai, 80  
*Mauri Ora*, 131  
McArthur, N., 78  
McEwen, M., 79  
McEwen, W.M., 79, 80  
McKelvey, P.J., 80  
McLay, C.D.A., 101  
McQueen, D.R., 81  
megafloods, 76  
Merton, D.V., 39

- Metrosideros robusta*, 39, 122  
 Milligan, G., 115  
 milling, 13, 123  
 Milner, D.M., 81  
 Milnes, A.R., 67  
 mires, 36, 135  
 miro, 80  
   regeneration, 108  
 mistletoe, 62  
 Moberly, B., 82  
*Mohoua albicilla*, 53, 63  
 Mokaihaha, 98  
   Ecological Area, 28, 47, 50, 77, 101,  
     124, 140  
 Moller, H., 26  
 monitoring, 78, 140  
 Morad, M., 32  
 Moran, L.R., 39  
 Morgan, M.D., 83  
 moths, 49  
 Mount Ngongotaha, 117  
   Scenic Reserve, 32, 35, 64  
 mouse, 26, 67, 69  
*Mus musculus*, 26, 67, 69  
 mustelids, 67, 69  
*Mystacina tuberculata tuberculata*, 40
- N**
- National Park Proposal, 47  
 Nature Heritage Fund, 31, 46  
*Navomorpha* stem borer, 139  
 Nelson, R.O., 84  
*Nestor meridionalis*, 53, 63, 100  
*New Zealand Biological Resources Centre  
 Publication*, 80  
*New Zealand Entomologist*, 51  
 New Zealand Forest Service, 14, 73  
*New Zealand Forest Service Information  
 Series*, 110  
*New Zealand Geological Survey Bulletin*,  
 59  
*New Zealand Herald (The)*, 92, 124  
*New Zealand Journal of Agriculture*, 17,  
 18, 40, 57  
*New Zealand Journal of Botany*, 63, 65,  
 71  
*New Zealand Journal of Ecology*, 21, 26,  
 40, 50, 67, 68, 73, 113, 122, 138  
*New Zealand Journal of Forestry*, 22, 80  
*New Zealand Journal of Forestry Science*,  
 110  
*New Zealand Journal of Marine and  
 Freshwater Research*, 62  
*New Zealand Journal of Science and  
 Technology*, 56  
*New Zealand Listener*, 57  
*Journal of the National Broadcasting  
 Service*, 53
- New Zealand Soil Survey Report*, 111,  
 112  
*New Zealand Tree Grower*, 22, 106  
 Ngamanawa Forest, 130  
 Ngatuhua, 13  
 Ngongotaha, 72  
   Stream, 62  
   Stream Marginal Strip, 32, 64  
 Nicholas, I., 93  
 Nicholls, J.L., 26, 80, 94, 95, 96, 97, 98  
 nitrogen, 62  
 North, M., 99  
*Nothofagus*  
   *fusca*, 33, 138  
   *menziesii*, 138  
   *solandri* var. *cliffortioides*, 138  
   *solandri* var. *solandri*, 138  
   spp., 14, 18, 29, 51, 65, 94, 98, 138  
   *truncata*, 62, 63, 138  
 nursery practice, 127
- O**
- O'Connell, B., 99  
 Ogle, C., 20, 49  
 Ohaupara Stream, 48, 49  
 Okataina Volcanic Centre, 142  
 Omanawa  
   River Marginal Strip, 116  
   Scenic Reserve, 116  
   Stewardship Area, 116  
 Onaia, 98  
   Ecological Area, 31, 86  
   Stream, 31  
 Opuiaki, 98  
   Ecological Area, 27, 33, 63, 72, 92, 96,  
     100, 116, 134, 135, 138, 140, 141  
   Reserve, 91  
   River, 32  
 Oropi Forest, 20  
 Otamaroa Stream Marginal Strip, 32, 64  
 Otanewainuku Forest, 20  
 Ottawa Conservation Forest, 120  
 Owen, K., 31, 100, 106
- P**
- Palmer, D.J., 101  
 Pardy, G., 22, 101, 103, 104, 105, 106,  
 108, 109  
 Parrot, G.E., 110  
 Parsons, J.W., 110  
*Paryphanta busbyi*, 56, 100  
 Patetere  
   Plateau, 59  
   Scenic Reserve, 78, 93, 107, 108, 125  
 Payn, T.W., 101  
 Penman, J.T., 110  
 Perfect, A.J., 116

- pest control, 92, 99
    - monitoring, 140
    - mustelids, 134
    - possum and rat, 63, 140
    - possums, 123
  - Petroica australis*, 16, 17, 53, 63
  - phenology, 80
  - phosphorus, 62
  - Phyllocladus trichomanoides*, 80
  - physiography, 95, 96, 97
  - pig, 75
  - pigeon, New Zealand, 53
  - pine
    - birdlife, 133
    - buffers, 124
    - mortality, 54
    - plantations, 81, 95, 96
    - shrubland on logged sites, 81
  - Pinus radiata*, 21, 36, 54, 66, 101, 110, 127
  - planting
    - cluster, 109
    - exotic, 127
    - group, 102, 104, 105
    - hand-cut groups, 102
    - restoration, 22, 69, 105, 106, 127
    - trial, 22, 61, 107, 109, 110
  - plant(s)
    - list, 15, 20, 26, 35, 36, 48, 81, 124, 135
    - micro-organisms, 142
    - threatened, 36
    - traditional use, 36
  - podocarp
    - cones, 80
    - ecology, 102
    - enrichment trial, 23, 102, 103, 104
    - forest, 51, 94, 119
    - performance, 106
    - phenology, 61
    - planted, 139
    - planting trial, 54, 106, 110
    - regeneration in logged forest, 22
    - restoration planting, 109
    - survival and growth, 22, 23, 102, 103, 104, 106, 108, 109
  - podocarp/tawa forest, 51, 66
  - Podocarpus*
    - hallii*, 80
    - totara*, 21, 80, 105
  - Pokaitu Stream Marginal Strip, 32, 64
  - Pongakawa Ecological Area, 54
  - population dynamics, 119
  - possum, 27, 36, 65, 75, 100, 123
    - browse, 77
    - diet, 52, 74
    - gut examinations, 49
    - impact, 24, 51, 122
    - liberation, 39, 111
  - Pracy, L.T., 110
  - predator control, 25, 27, 77, 124, 141
  - Proceedings of the Ecological Society of New Zealand*, 81, 94
  - Proceedings of the New Zealand Ecological Society*, 36, 52, 59, 134, 135
  - Prosthemadera novaeseelandiae*, 53
  - protected
    - areas, 93, 112
    - natural areas, 128, 129
  - Prumnopitys*
    - ferruginea*, 80, 108
    - taxifolia*, 80
  - Pukerimu, 86, 98
    - Biological Reserve, 60
    - Ecological Area, 15, 52, 124
    - Forest, 48
    - Stream Ecological Area, 32, 64
  - Pullar, W.A., 59, 111, 135
  - pumice flows, 59
  - Pureora
    - ecology, 25
    - management, 25
  - Puwhenua Forest, 21, 116
- ## R
- radiata* pine, 21, 36, 54, 66, 101, 110, 127
  - ragwort, 57
  - rail line use, 124
  - rainfall runoff, 32
  - Rapurapu, 98
    - catchment, 26
    - Ecological Area, 116, 117
    - Reserve, 86
    - Stream Marginal Strip, 116
  - Rasch, G., 111
  - rat
    - prey, 100
    - ship, 26, 27
  - rata, northern
    - decline, 122
    - mortality, 39
  - Rattus*
    - rattus*, 26, 27
    - spp., 100
  - recreation, 43, 46, 55, 78, 83, 90, 124
    - planning, 84
  - regeneration, 29, 72, 108
    - ecology, 128
  - regional park proposal, 37
  - rehabilitation, 21
  - research, 16, 17, 65
    - birds, 133
    - by management, 99
    - values, 107

- reserve
    - management plan, 34
    - proposals, 73, 79, 114
  - restoration planting, 22, 69, 105, 106, 127
  - revegetation, 21
  - Richardson, C., 31
  - rifleman, 53
  - Rijkse, W.C., 112
  - rimu, 18, 80, 109, 139
  - rimu/tawa-kamahi forest, 70
  - robin, North Island, 16, 17, 53, 63
  - rodents, 67, 69
  - Rotoehu Forest, 54, 99
  - Rotoiti eruption, 76
  - Rotorua, 36, 111
    - Ash, 56, 134
    - Ash shower, 56
    - Caldera, 81
    - Conservancy, 86
    - Lakes, 75
  - Rotorua Botanical Society*, 29, 30, 62, 115
  - Rotorua Botanical Society Bulletin*, 135
  - Rotorua Botanical Society Newsletter*, 98, 117, 118
  - Rudge, M.R., 113
- S**
- Saunders, A.J., 113
  - sawmilling, 57, 66, 83
  - scenic reserve list, 97
  - Schofield, J.C., 59
  - Science & Research Internal Report*, 52
  - Scientific Co-ordinating Committee, 87
  - scientific reserves, 13, 97, 128, 129
  - sedimentation, 41
  - seed
    - collection, 127
    - production, 72
  - Selwyn Scenic Reserve, 116
  - Senecio jacobaea*, 57
  - Shaw, W.B., 26, 61, 115, 116, 128, 129
  - shrub hardwood sites, 102
  - shrubland, 81
  - silvicultural tending, 127
  - site
    - burning, 83
    - harsh upland, 106
    - preparation, 23, 103, 106, 127
  - skinks, 138
  - Skudder, D.B., 116
  - Smale, M.C., 20, 24, 25, 26, 36, 117, 118, 119
  - Smale, P.N., 119
  - Smale, S., 30, 31
  - Smuts-Kennedy, C.J., 120
  - Smuts-Kennedy, J., 120
  - snails, 56, 100
  - Soil and Water*, 19
  - soil(s), 17, 18, 19, 36, 59, 61, 80, 96, 116
    - classification, 56
    - growth response, 139
    - influences, 94
    - investigation, 58, 59
    - map, 112
    - phosphorus, 101
    - profiles, 112
    - rhyolitic pumice, 18
  - Somervell, B., 121
  - species
    - diversity, 133
    - list, 14, 28, 29, 33, 34, 35, 48, 49, 69, 70, 78, 98, 117, 119, 128, 129
  - sphagnum, 137
  - Spurr, E.B., 122
  - Stafford, D.M., 123
  - Steele, R., 123
  - Stephens, D., 123
  - Stevenson, P., 124
  - Steward, G., 24, 61, 93, 108, 116, 125, 126, 127, 128, 129
  - Stokes, E., 129
  - Stone, H., 130
  - stream headwaters, 73
  - submissions, 91
  - succession after fire, 71
  - Sus scrofa*, 75
- T**
- Taahungatara Stream Marginal Strip, 32, 64
  - Takapuhuri Stream Marginal Strip, 32, 64
  - tanekaha, 80
  - Tapapa Stewardship Area, 116
  - Tarukenga Scenic Reserve, 32, 64, 69
  - Tasman Forestry reserves, 16
  - Taupo, 111
    - Ash, 134
    - Pumice, 61
    - Volcanic Zone, 59, 61, 76, 81, 94, 135, 142
  - Tautau
    - Reserve, 116
    - Stream Marginal Strip, 116
  - tawa, 18, 73
    - disease host, 54
    - ecology, 25, 72
    - forest, 29, 39
    - growth and mortality, 117
    - logging, 66
    - regeneration, 108
    - residual forest, 133
  - tawa-rimu forest, 18
  - Taylor, G., 131



- Taylor, N.H., 134  
 tephra, 61, 91, 111, 112, 116  
 tephra-loess-palaeosol sequence, 67  
 Te Pu  
   mire, 36  
   wetlands, 29  
 Thompson, B.N., 59  
 Thompson, K., 116  
 Thornton, J., 134  
 Thyne, C., 134  
 Tihiotonga Stewardship Area, 32, 64  
 timber industry, 123  
 toetoe sites, 102  
 Tokoroa District, 81  
 Tonkin, P., 61  
 topographic map, 72, 73  
 topography, 112  
 totara, 80  
   growth, 21  
   Mamaku planting trials, 105  
   provenance trial, 21  
   seed collection, 21  
 tourism, 75, 124  
 tourist facilities, 83  
 toutouwai, 16, 17, 53, 63  
 tractor-cleared lanes, 103  
 trails, 88  
 tramping, 124  
 translocations, 16, 17  
 travel, 55  
*Trichosurus vulpecula*, 24, 27, 36, 39,  
   49, 51, 52, 65, 74, 75, 77, 100, 111,  
   122, 123  
 tui, 53  
 Tukorehe Scenic Reserve, 32, 34, 64, 66,  
   80
- U**
- Umurua  
   Scenic Reserve, 32, 64, 70  
   Stream, 31  
   Stream Marginal Strip, 32, 64  
 understorey plants, 81  
 Utuhina  
   catchment, 37  
   Stream Marginal Strip, 32, 64
- V**
- vegetation, 18, 59, 74, 80, 112, 117, 119,  
   124, 135, 140  
   changes, 99  
   description, 28, 127  
   fire-induced, 81, 94  
   list, 119  
   naturalised, 36  
   riparian, 133  
   survey, 20, 60  
   trend, 24  
   types, 20, 26, 33, 34, 69, 70, 115  
 volcanicity, 36, 56, 59, 61, 76, 81, 94,  
   111, 116, 134, 135, 142  
 Vucetich, C.G., 59, 135
- W**
- Waihou Valley scheme, 57  
 Waiomou Stream Marginal Strip, 116  
 Wairoa River Marginal Strip, 116  
 walking tracks, 43, 46, 90  
 wallaby, dama, 75  
 Wallace, S., 135, 136  
 water  
   availability, 58  
   quality, 58, 62, 130  
   resources, 19, 29, 41, 42, 57, 58, 59,  
     95, 96  
   storage in volcanic rock, 130  
 weed control, 57  
 wetland, 29, 35, 92, 115, 136, 137  
*Wetland Ecology and Management*, 136  
 Whakamarama Plateau, 39  
 Whaley, P.T., 119  
*What's New in Forest Research*, 13, 53,  
   54, 62  
 Whinam, J.J., 136  
 whio, 92  
 Whirinaki  
   ecology, 24  
   history, 24  
   management, 24  
 Whirinaki-Mamaku comparison, 24  
 Whitaker, T., 137  
 whitehead, 53, 63  
 Wicken, A., 109  
 Wilcox, M.D., 138  
 Wilcox P.L., 139  
 wild animal(s), 75  
   distribution, 95, 96  
 wilderness, 78  
   area, 43  
 wildlife  
   conservation, 79  
   corridors, 16  
   habitat, 37, 112, 114  
   native vertebrates, 37  
   surveys, 124  
   values, 107, 114  
 Wilke, M., 140  
 Willans, M., 31  
 Williams, D.S., 68, 140  
 Williams, G.R., 40  
 Wills, D.E., 141  
 Wilson, T., 141  
 Wood, C.P., 81  
 Woods Mill Block, 141  
 Wright, K.M., 142
- Y**
- Young, J.M., 142

