

fairly common; seen occasionally but rare. (16) Green wren—fairly common; not mentioned. (17) Kingfisher—common; fairly common. (18) Morepork—common; fairly common. (19) Laughing owl—not seen by either. (20) Yellow-fronted parakeet—seen occasionally; seen occasionally, but rare. (21) Red-fronted parakeet—seen occasionally; seen occasionally, but rare. (22) Kaka—fairly common; seen occasionally. (23) Kea—common; fairly common. (24) Kakapo—seen occasionally; not seen. (25) Shining cuckoo—fairly common; seen occasionally. (26) Long-tailed cuckoo—seen occasionally; seen occasionally. (27) Banded dotterel—fairly common; seen occasionally. (28) Pigeon—very common; very common. (29) Pukeko—very common; fairly common. (30) Weka—seen occasionally; seen occasionally, but rare. (31) Kiwi—seen occasionally; heard occasionally, but rare. (32) Sparrow-hawk—common; seen occasionally. (33) Harrier—common; common. (34) Black teal—very common; fairly common. (35) Brown duck—common; seen occasionally. (36) Grey duck—very common; very common. (37) Blue-duck—seen occasionally; seen occasionally, but very rare. (38) Paradise duck—very common; fairly common. (39) White heron—seen occasionally; seen occasionally, but very rare. (40) Spotted shag—not seen by either. (41) White-throated shag—very common; fairly common. (42) Wax-eye—very common; very common. (43) Bell-bird—common; very common.

In addition to the above, Mr. Wilson has further informed us that he frequently saw bitterns, and the last time he saw one was in 1916, near Hokitika. In the Cook's River area he frequently saw South Island thrushes and saddlebacks between the years 1897 and 1905, and the last crows he saw were on the summit of Mount Greenland, near Ross, in 1900.

LIST OF THE SPECIES, ETC., OF THE RESERVES, TOGETHER WITH THOSE EXTENDING TO THE COAST.

(The popular names are placed between parentheses attached to the scientific names.)

FILICES.

Hymenophyllum rarium (Shining filmy-fern).
 — *sanguinolentum* (Scented filmy-fern).
 — *villosum* (Mountain filmy-fern).
 — *australe* (Crisped filmy-fern).
 — *pulcherrimum* (Tufted filmy-fern).
 — *dilatatum* (Broad-leaved filmy-fern).
 — *demissum* (Carpet-fern).
 — *scabrum* (Rough filmy-fern).
 — *flabellatum* (Woolly filmy-fern).
 — *rufescens* (Reddish filmy-fern).
 — *ferrugineum* (Rusty filmy-fern).
 — *Malingii* (Silvery filmy-fern).
 — *tunbridgense* (Tunbridge-fern).
 — *peltatum* (One-sided Tunbridge-fern).
 — — *x tunbridgense*.
 — *Armstrongii* (Dwarf filmy-fern).
 — *minimum* (Little filmy-fern).
 — *multifidum* (Common filmy-fern).
 — *bivalve* (Toothed carpet-fern).
Trichomanes reniforme (Kidney-fern).
 — *Lyallii* (Fan-like bristle-fern).
 — *venosum* (Common bristle-fern).
 — *Colensoi* (Fine-leaved bristle-fern).
 — *strictum* (Tufted bristle-fern).
Dicksonia squarrosa (Wheki).
 — *lanata* var. *gregalis* (Trunkless tree-fern).
Hemitelia Smithii (Green tree-fern).
Alsophila Colensoi (Mountain tree-fern).
Polystichum vestitum (Prickly shield-fern).
 — *cytotegia* (Snow-fern).
 — *adiantiforme* (Climbing shield-fern).
 — *hispidum* (Hairy shield-fern).
Dryopteris decomposita (Common boss-fern).
 — *glabella* (Smooth boss-fern).
 — *pennigera* (Feather-fern).
Leptolepia novae-zelandiae (Haresfoot-fern).
Lindsaya cuneata (Common lindsaya).
Asplenium adiantoides (Glistening-spleenwort).
 — — *x bulbiferum*.
 — — *x flaccidum*.
 — — *x lucidum*.
 — *lucidum* (Shining-fern).
 — — *x bulbiferum*.
 — — *x flaccidum*.
 — *bulbiferum* (Common-spleenwort).
 — — *x flaccidum*.
 — *flaccidum* (Thong-fern).
 — *obtusatum* (Shore-spleenwort).
 — — *x bulbiferum*.
Blechnum Patersoni var. *elongatum* (Peretao).
 — *discolor* (Crown-fern).
 — *vulcanicum* (Rock-hardfern).
 — *lanceolatum* (Bereti).
 — *penna marina* (Alpine-hardfern).
 — *procerum* (Giant-hardfern).
 — *nigrum* (Black-fern).
 — *fluviatile* (Stream-fern).
Hypolepis tenuifolia (False-bracken).

FILICES—continued.

Hypolepis tenuifolia *x rugosula*.
 — — *x punctata*.
 — *rugosula* (Mokimoki).
 — *punctata* (Tall false-bracken).
 — *millefolium* (Thousand-leaves).
Histiopteris incisa (Water-fern).
Pteridium esculentum (Bracken).
Paeria scaberula (Pasture-hardfern).
Polypodium Billiardieri (Dwarf-polypody).
 — — var. *villosum* (Hairy dwarf-polypody).
 — *pumilum* (Alpine-polypody).
 — *diversifolium* (Common-polypody).
 — *gramitidis* (Fuegian-polypody).
Cyclophorus serpens (Fleshy-fern).
Gleichenia alpina (Alpine-tanglefern).
 — *circinata* (Tanglefern).
 — *Cunninghamii* (Umbrella-fern).
Schizaea fistulosa (Rush-fern).
Leptopteris superba (Crape-fern).
 — *hymeophylloides* (Single crape-fern).
 — — *x superba*.
Ophioglossum coriaceum (Adderstongue).
 — *pedunculatum* (Greater-adderstongue).
Botrychium australe (Austral-moonwort).

SALVINIACEAE.

Azolla rubra (Water-fern).

LYCOPODIACEAE.

Lycopodium australianum (Alpine-lycopod).
 — *varium* (Nodding-lycopod).
 — *Billardieri* (Ivituna).
 — *novae-zelandicum* (Slender-lycopod).
 — *fastigiatum* (Mountain-lycopod).
 — *scariosum* (Creeping-lycopod).
 — *ramulosum* (Bog-lycopod).
 — *volubile* (Climbing-lycopod).

PSILOTAECAE.

Tmesipteris tannensis (False-lycopod).

CUPRESSACEAE.

Libocedrus Bidwillii (Southern-kawaka).

PODOCARPACEAE.

Podocarpus Hallii (Mountain-totara).
 — *totara* (Totara).
 — *acutifolius* (Prickly-totara).
 — — *x Hallii*.
 — — *x nivalis*.
 — *nivalis* (Alpine-totara).
 — *ferrugineus* (Miro).
 — *spicatus* (Matai).
 — *dacrydioides* (Kahikatea).
Dacrydium biforme (Pink-pine).