

INDEX.

AUTHORS OF PAPERS.		PAGE
ANDERSEN, J. C.—New Zealand Bird-song : Further Notes		519
ANDERSON, J. G.—A Study of the Electrical Deposition of Nickel in the Presence of Nitrate		501
ANDERSON, J. G., and WILD, L. J.—On the Absorption of Lime by Soils : An Investigation of the Hutchinson-MacLennan Method of determining the Lime Requirements of Soils		466
ARCHER, G.—		
The Lithobiomorpha of New Zealand		303
The Occurrence in New Zealand of <i>Craterostigma tasmanianus</i> Pocock (Chilopoda)		319
BARTRUM, J. A.—		
Additional Facts concerning the Distribution of Igneous Rocks in New Zealand		418
Concretions in the Recent Sediments of the Auckland Harbour, New Zealand		425
BECCARI, O.—On a New South Polynesian Palm, with Notes on the Genus <i>Rhopalostylis</i> Wendl. et Drude		47
CARSE, H.—Notes on <i>Parsonsia capsularis</i> R. Br.		45
CHILTON, C.—The New Zealand Sand-hoppers belonging to the Genus <i>Talorchestia</i>		292
COCKAYNE, L.—		
Notes on New Zealand Floristic Botany, including Descriptions of New Species, &c. (No. 2)		56
A Consideration of the Terms "Species" and "Variety" as used in Botany		66
COTTON, C. A.—The Fossil Plains of North Otago		429
FOWEAKER, C. E.—Notes from the Canterbury College Mountain Biological Station, Cass : No. 5—The Mat-plants, Cushion-plants, and Allied Forms of the Cass River Bed (Eastern Botanical District, New Zealand)		1
HERRIOTT, Miss E. M.—On the Occurrence and Habits of the Fresh-water Crustacean <i>Lepidurus viridis</i> Baird		284
HILGENDORF, F. W.—		
Kermadec Island Fleas		423
Fluctuations in the Water-level of some Artesian Wells in the Christchurch Area		491
HOGGEN, G.—Night Marching by the Stars		513
HOLMES, R. W.—Notes on an Artesian Trial Bore, Westshore, Napier		509
HOWES, W. G.—New Lepidoptera		274
MARSHALL, P.—		
Geology of the Central Kaipara		433
The Wangaloa Beds		450
Additional Fossils from Target Gully, near Oamaru		461
Fossils and Age of the Hampden (Onekakeka) Beds		463
MEYRICK, E.—		
Descriptions of New Zealand Lepidoptera		245
Revision of the New Zealand Notodontina		248
MILLER, D.—		
Contributions to the Diptera Fauna of New Zealand : Part I		172
The Blepharoceridae (Diptera) of New Zealand (in Part a Translation of the Work of Professor Mario Bezzi)		530
OLIVER, W. R. B.—The Vegetation and Flora of Lord Howe Island		94

	PAGE
PARK, J.—	
The Relationship of the Upper Cretaceous and Lower Cannozoic Formations of New Zealand	392
The Rate of Erosion of Hooker and Mueller Glaciers, New Zealand. . .	395
On a New Species of Coral from the Lower Oamaruan Tuffs near Deborah, Oamaru	396
PETRIE, D.— Descriptions of New Native Flowering-plants, with some Notes on Known Species	51
PHILPOTT, A.—	
A List of the Lepidoptera of Otago	195
Descriptions of New Species of Lepidoptera	239
POPPELWELL, D. L.—	
Botanical Results of an Excursion to the Upper Makarora Valley and the Haast Pass, supported by a List of the Species observed	161
Notes of a Botanical Excursion to Long Island, near Stewart Island, including a List of Species	167
SCOTT, R. J.—	
Apparatus for the Determination of the Magnitude of Small Forces, especially useful in connection with Hydraulic Experiments	496
An Arrangement for quieting the Flow of a Stream of Disturbed Water ..	498
SPEIGHT, R.—	
The Stratigraphy of the Tertiary Beds of the Trelssick or Castle Hill Basin ..	321
An Unrecorded Tertiary Outlier in the Basin of the Rakai	356
An Ancient Buried Forest near Riccarton : its Bearing on the Mode of Formation of the Canterbury Plains	31
The Geology of Banks Peninsula	365
SUTER, H.— On the Origin of a New Species by Isolation	279
SYMES, L. P.— Note on the Fluctuation of Water-level in a Christchurch Artesian Well	493
THOMSON, J. A.—	
Diastrophic and other Considerations in Classification and Correlation, and the Existence of Minor Diastrophic Districts in the Notocene	397
The Hawera Series, or the So-called "Drift Formation" of Hawera	414
TRAILL, W.— Effects of the Snowstorm of the 6th September, 1916, on the Vegetation of Stewart Island	518
VAUGHAN, T. W.— Some Corals from Kermadec Islands	275
WILD, L. J.— On the Proposal for a Soil Survey of New Zealand	476
WILD, L. J., and ANDERSON, J. G.— On the Absorption of Lime by Soils : An Investigation of the Hutchinson-MacLennan Method of determining the Lime Requirements of Soils	466