

relating to the origin of the New Zealand fauna and flora he especially devoted himself, and bringing to bear upon these all his wide knowledge as a zoologist and his experience as a geologist, his contributions to the solution of this complex problem have made his name known throughout the world as a recognized authority on questions of geographical distribution of animals and plants. It was for their bearing on this question that he took such a keen interest in the results of the various Antarctic expeditions that have recently returned from their fields of observation, and even after his arrival in England he contributed an important article to *Nature* on the Antarctic continent.

His grasp of science was not limited even to such matters as these. Hence he attacked even wider questions. One of his very first contributions to scientific literature was a review of Darwin's "Origin of Species" in the *Geologist* in 1861—a review which gained from Darwin an appreciative letter, of which Captain Hutton was justifiably proud; and throughout his career Captain Hutton returned from time to time to the more philosophical questions underlying the whole of natural science. His devotion to these subjects was the key-note to his success. Some of his articles on them were issued a few years ago in book form under the title of "Darwinism and Lamarckism," and a later work "The Lesson of Evolution," contains his presidential address to the Australasian Association at Hobart in 1902, and kindred essays; and attracted much attention, not only from naturalists, but from all thinking men. Another was a work undertaken in conjunction with Mr. James Drummond—"Animals of New Zealand," which, in popular form, dealt with all New Zealand's fauna. No one more deserves a memorial—can he have better ones than his "Index" and the later work?

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### South Australian Ornithological Association.

THE bi-monthly meeting of this Association was held at the residence of Dr. A. M. Morgan, Adelaide, on Friday evening, 8th September, when Mr. F. R. Zietz presided. Mr. M. Symonds Clark noted that he had seen the Blue-bellied Lorikeet (*Trichoglossus novæ-hollandiæ*) recently in the National Park. Mr. A. H. C. Zietz, F.L.S., reported having identified the Chestnut-bellied Quail (*Excalfactoria lineata*) from Port Victor district, which showed a large range of this northern bird. He had also received notes from Dr. Angove, of Tea-tree Gully, of the finding of the Red-chested Quail (*Turnix pyrrhotorax*) in that locality. Mr. M. Symonds Clark drew attention to an original edition of Capt. Sturt's book, in which was recorded the discovery of the Pink Cockatoo (*Cacatua leadbeateri*), in 1829, when the explorer located the Darling River, and the finding of the "Blue Mountain" Lorikeet in the Wellington Valley in the Blue Mountains, New South Wales, in 1828. Mr. Clark read clippings from *The Register* of 12th August, 1875, giving the list of birds identified by Mr. F. W. Andrews, an ornithologist who accompanied J. W. Lewis's expedition to Lake Eyre

district over 30 years ago, when several new species were discovered. These birds were described and named by John Gould. Mr. J. W. Mellor reported that the Australasian Ornithologists' Union would be holding its annual congress this year in Adelaide, from 11th to 13th October, and following this a working camp-out on Kangaroo Island was being arranged. It was unanimously agreed to assist the Union in every way to make the congress a success. The Wrens and small Grass-Parrakeets were the birds under discussion for the evening, and interesting facts were noted. Mr. E. Ashby showed specimens of the Variegated Wren (*Malurus lamberti*), from New South Wales, Chestnut-shouldered Wren (*M. assimilis*), South Australia, and the Blue-breasted Wren (*M. pulcherrimus*), Western Australia, all of which displayed a somewhat similar form of markings. Mr. A. H. C. Zietz exhibited the Lovely Wren (*M. amabilis*) and a collection of the little Grass-Parrakeets, notably the Elegant (*Neophema elegans*), the Orange-bellied (*N. chrysogastra*), the Blue-winged (*N. venusta*), Pink-bellied (*N. bourkei*), and the Rock (*N. petrophila*). Capt. S. A. White showed specimens of the Rock-Parrakeet and the Varied Parrakeet (*Psephotus multicolor*), the last-named having been plentiful on Yorke Peninsula until the introduction of poisoned wheat for the Sparrows and rabbits.

### Bird Observers' Club.

At the joint invitation of the hon. secretary (Mr. F. P. Godfrey) and Mr. Robert Hall, F.L.S., the sixth meeting of the above-mentioned Club was held at Oxford Chambers, Melbourne, on the evening of Wednesday, 30th September. Ten members and one lady associate were present. The existing "game laws" were criticised, and the hon. secretary was directed to communicate with Mr. C. W. Maclean, Chief Inspector of Fisheries, offering the Club's support in carrying out the same. The following papers were read and discussed:—By Mr. A. G. Campbell, on "The Gembrook Trip"; by Mr. E. J. Christian, "The You Yangs Trip." Mr. A. G. Campbell exhibited a series of Larks' skins; Mr. Robt. Hall, photos., &c., and a curious nest of a Restless Fly-catcher; and the hon. secretary a Brown Hawk. Supper was then served, and a vote of thanks to the chairman (Mr. Robert Hall) brought the meeting to a close.

The seventh meeting of the Club was held at the residence of Dr. George Horne, Clifton Hill, on Wednesday, 29th November, at 8 p.m. Ten members and two associates, besides a number of visitors, were present, the host occupying the chair. Mr. Frank Nicholls was elected a member. The only paper read was by Messrs. G. F. Howe and J. A. Ross, entitled "A Whittlesea Outing." Mr. A. G. Campbell exhibited and explained a number of Kangaroo Island birds, some of which were distinctly links between eastern and western forms. Mr. G. E. Shepherd spoke on the nesting habits of the birds of Mornington Peninsula. Mr. D. Le Souëf, C.M.Z.S., mentioned that Quails have been found breeding near Melbourne this season, and exhibited young of Stubble Quail hatched at the Zoological Gardens. Mr. Robt. Hall, F.L.S., commented on the plumage of the Blue Wrens in Miss Bowie's aviaries, a nest of young being exhibited as an illustration. After refreshments a hearty vote of thanks was passed to Dr. and Mrs. Horne and Miss Bowie.

### Notes and Notices.

BIRD PROTECTION.—At the last meeting (11th December) of the Field Naturalists' Club of Victoria attention was drawn to the proposed excursion, per *Coogee*, to Western Port, Wilson's