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A COLLECTION OF PUBLISHED
PAPERS ON
ORIGINAL FIELD RESEARCH
PRESENTED FOR THE DEGREE
OF
DOCTOR OF SCIENCE
UNIVERSITY OF ADELAIDE
JUNE 1939.

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University of Adelaide.

PREFATORY REMARKS.

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The evidence submitted for consideration consists of published articles on original research -- mainly on certain aspects of the biology of living Australian aborigines. In addition to the main subject of investigation concerned, other papers are included on certain ethnological studies of aboriginal life; some articles on specific dental subjects and several on general anthropology.

A complete bibliography of the submitted articles is given later, showing those for which the candidate is personally responsible and those published in collaboration.

The main part of the work submitted consists of a study of almost fifteen years duration on the living Australian aboriginal. It is quite distinct from a previously published major work of the applicant (in 1925) which consisted solely of a study of museum material.

The most important aspect of the work here submitted has been a study of aboriginal ecology and concerns his environment, his food and food habits in relation to his physical make-up, and in particular his dental condition and its reaction to civilized influences. The results of these investigations have all been published in various scientific journals. The main and latest publication being in itself almost the proportions of a separate monograph.

The work entailed in the publications has been concerned mainly in field studies carried out on Adelaide University expeditions into the field. A map given later indicates the main locations visited by the writer in connection with these field studies.

Certain aspects of these field studies scarcely lend themselves to publication as specific scientific investigation, although the general carrying out of the work has been reported in print from time to time. But the candidate feels that some personal claim might be justly made for credit for the successful planning and organizing of many of the above mentioned expeditions. The method of intensive team work evolved for this particular field work has enabled the collection of a mass of data in relatively short period in the field. It is also owing to this method of team work that certain of the papers presented herewith are under joint authorship. However the candidate feels that in certain of such articles presented in collaboration, and in dental subjects in particular -- a specialized study -- he may reasonably claim major responsibility for the observations carried out and for their publication and the discussion entailed.

Further remarks will be made with each section, stating special points concerning their particular papers and their significance.

The following table sets out the various sections of the work presented.

- I. General bibliography.
- II. Locations of field studies.
- III. Dental and physical anthropology.
- IV. Dental and physical anthropology.
(in collaboration)
- V. Ethnological papers.
- VI. Ethnological papers.
(in collaboration)
- VII. Dental articles.
- VIII. General anthropology.