# THE STONE IMPLEMENTS OF SOUTH AFRICA

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The Stone Implements of South Africa by J. P. Johnson

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## J. P. JOHNSON

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## THE STONE IMPLEMENTS OF SOUTH AFRICA

BY

## J. P. JOHNSON

Member of Council of Geological Society of South Africa. One of the Commissioners appointed by the Transsaal and Grange River Colony Governments to Report upon Bushman Paintings and Etchings

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WITH ILLUSTRATIONS

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## PREFACE TO FIRST EDITION.

THE object of this little volume is to co-ordinate the various discoveries of Stone Implements that I have made during the last four years—discoveries that I venture to think, mark a new era in our knowledge of the Stone Age of South Africa. No attempt will be made to review the abundant, but unsatisfactory, literature already in existence.

The typical Palæolithic (Acheulic) implements are here used as a datum line. All groups below that standard are classed as "Primitive," all groups above it are spoken of as "Advanced" My definition of the terms Eolithic, Palæolithic and Neolithic requires a word of explanation. Although they are now universally employed, the sense in which they are used is very far from uniform. Stone implements like all other things, show a progressive evolution from very primitive to very advanced forms. The terms Eolithic, Palæolithic and Neolithic are expressive of certain stages in that progress. In the restricted sense in which they are used by me the three stages are represented by the groups met with in the plateau gravels, valley-drifts and alluvial flats of the extreme south of Britain respectively.

I am glad to have this opportunity to acknowledge my indebtedness to my friend, Professor R. B. Young, of Johannesburg. Many of the more interesting discoveries described herein were made during an expedition as his guest. To him authropology— of which I account myself a humble student—is under deep obligation.

All figures are of the same size as the originals.

## PREFACE TO SECOND EDITION.

In this edition I have included some further discoveries and have added a number of new illustrations. The arrangement of the data remains the same, but a closer classification of the different groups has been deemed desirable. I have therefore replaced the somewhat comprehensive terms Primitive, Palseolithic and Advanced, by the current European nomenclature, Eolithic, Strepyic, Palseolithic or Achenlic, Solutric and Neolithic.

P.O. Box 6231, JOHANNESBURG.

May 1908.

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