A. PANNEKOEK

ANTHROPOGENESIS

A STUDY OF THE ORIGIN OF MAN



953

NORTH-HOLLAND PUBLISHING COMPANY AMSTERDAM

eigen exemplear with

211 Els 17

ANTHROPOGENESIS

ANTHROPOGENESIS

A STUDY OF THE ORIGIN OF MAN

p. 17 p. 65

by

ANT. PANNEKOEK Sc. D.

Professor University of Amsterdam



1953 NORTH-HOLLAND PUBLISHING COMPANY AMSTERDAM

PREFACE

The present study on Anthropogenesis was written during the war, in 1944, when through the German occupation of Holland ordinary scientific work was greatly impeded.

Since the German Military Government had forbidden all publication in English and French, the Amsterdam Academy of Sciences decided that all its publications should be in Dutch. So the present study was written in Dutch, and published in that language immediately after the liberation, in the "Verhandelingen" of the Amsterdam Academy. In order to render its results accessible to international science, the English translation has been prepared.

All quotations are given in the text in their English form, and may be found in their original form at the end of the book.

CONTENTS

		Page
I.	The problem (1—3)	9
II.	Tools (4—8)	12
III.	Thinking (9—13)	18
IV.	Brains (14—18)	27
V.	Speech (19—22)	40
VI.	Speech and thinking (23—26)	47
VII.	Tools and thinking (27—31)	54
VIII.	Tools and speech (32—35)	65
IX.	The first origin (36—40)	71
X.	The principle of progress (41—48)	88
	SUMMARY	. 105
	RÉSUMÉ	. 107
	Zusammenfassung	. 110
	LITTERATURE QUOTED	113
	ORIGINAL QUOTATIONS	. 115