



Jonathan Barnes

ARISTOTLE
A Very Short Introduction

OXFORD

Aristotle: A Very Short Introduction

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A Very Short Introduction

OXFORD
UNIVERSITY PRESS

For Richard Robinson

OXFORD

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Great Clarendon Street, Oxford OX2 6DP

Oxford University Press is a department of the University of Oxford.
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Published in the United States
by Oxford University Press Inc., New York

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First published 1982 as an Oxford University Press paperback
Reissued 1996

Revised and published as a Very Short Introduction 2000

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British Library Cataloguing in Publication Data
Data available

Library of Congress Cataloguing in Publication Data
Data available

ISBN 0-19-285408-9

7 9 10 8

Typeset by RefineCatch Ltd, Bungay, Suffolk
Printed in Great Britain by
TJ International Ltd., Padstow, Cornwall

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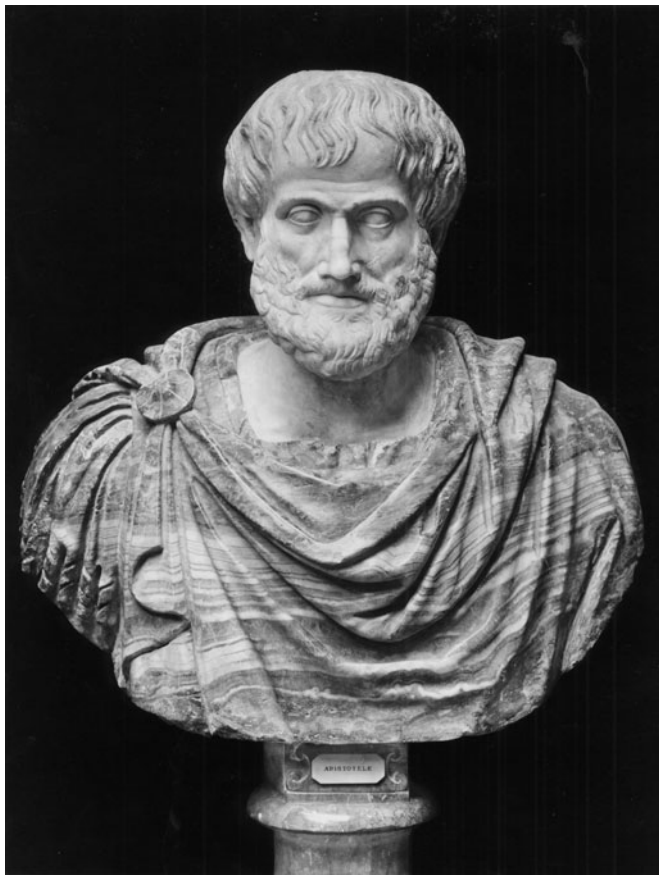
Chapter 1

The Man and His Work

Aristotle died in the autumn of 322 BC. He was sixty-two and at the height of his powers: a scholar whose scientific explorations were as wide-ranging as his philosophical speculations were profound; a teacher who enchanted and inspired the brightest youth of Greece; a public figure who lived a turbulent life in a turbulent world. He bestrode antiquity like an intellectual colossus. No man before him had contributed so much to learning. No man after him might aspire to rival his achievements.

Of Aristotle's character and personality little is known. He came from a rich family. He was allegedly a dandy, wearing rings on his fingers and cutting his hair fashionably short. He suffered from poor digestion, and is said to have been spindle-shanked. He was a good speaker, lucid in his lectures, persuasive in conversation; and he had a mordant wit. His enemies, who were numerous, accused him of arrogance. His will, which has survived, is a generous document. His philosophical writings are impersonal; but they suggest that he prized both friendship and self-sufficiency, and that, while conscious of his place in an honourable tradition, he was properly proud of his own attainments. As a man, he was, perhaps, admirable rather than amiable.

That is thin material for a biographer; and we may not hope to know Aristotle as we might know Albert Einstein or Bertrand Russell – he



1. 'Aristotle was a dandy, wearing rings on his fingers and cutting his hair fashionably short.' The sculptor of this bust – perhaps a copy of one commissioned by Alexander the Great – saw him otherwise.

lived too long ago and the abyss of time has swallowed up the facts of his life. One thing, however, can be said with reasonable confidence: throughout his life Aristotle was driven by one overmastering desire – the desire for knowledge. His whole career and his every known activity testify to the fact: he was concerned before all else to promote the discovery of truth and to increase the sum of human knowledge.

He did not think himself singular in possessing such a desire, even if he pursued his object with a singular devotion; for he affirmed that ‘all men by nature desire to know’, and he claimed that each one of us is, most properly speaking, to be identified with his mind, so that life – a fully human life – is ‘the activity of the mind’. In an early work, the *Protrepticus* or *Exhortation to Philosophy*, Aristotle announced that ‘the acquisition of wisdom is pleasant; all men feel at home in philosophy and wish to spend time on it, leaving all other things aside’. The word ‘philosophy’ designates, etymologically, the love of wisdom; and a philosopher, in Aristotle’s book, is not a cloistered academic engaged in remote and abstract speculation – he is someone who searches for ‘knowledge of things human and divine’. In one of his later works, the *Nicomachean Ethics*, Aristotle argues that ‘happiness’ – that state of mind in which men realize themselves and flourish best – consists in a life of intellectual activity. Is not such a life too godlike for mere mortals to sustain? No; for ‘we must not listen to those who urge us to think human thoughts since we are human, and mortal thoughts since we are mortal; rather, we should as far as possible immortalize ourselves and do all we can to live by the finest element in us – for if in bulk it is small, in power and worth it is far greater than anything else’.

A man’s proper aim is to immortalize himself, to imitate the gods; for in doing so he becomes most fully a man and most fully himself. Such self-realization requires him to act on that desire for knowledge which as a man he naturally possesses. Aristotle’s recipe for ‘happiness’ may be thought severe or restricted, and he was surely optimistic in

ascribing to the generality of mankind his own passionate desire for learning. But his recipe came from the heart: he counsels us to live our lives as he himself tried to live his own.

One of Aristotle's ancient biographers remarks that 'he wrote a large number of books which I have thought it appropriate to list because of the man's excellence in every field': there follows a list of some 150 items, which, taken together and published in the modern style, would amount to perhaps fifty substantial volumes of print. And the list does not include all of Aristotle's writings – indeed, it fails to mention two of the works, the *Metaphysics* and the *Nicomachean Ethics*, for which he is today most renowned. It is a vast output; yet it is more remarkable for its scope and variety than for its quantity. The catalogue of his titles includes *On Justice*, *On the Poets*, *On Wealth*, *On the Soul*, *On Pleasure*, *On the Sciences*, *On Species and Genus*, *Deductions*, *Definitions*, *Lectures on Political Theory* (in eight books), *The Art of Rhetoric*, *On the Pythagoreans*, *On Animals* (in nine books), *Dissections* (in seven books), *On Plants*, *On Motion*, *On Astronomy*, *Homeric Problems* (in six books), *On Magnets*, *Olympic Victors*, *Proverbs*, *On the River Nile*. There are works on logic and on language; on the arts; on ethics and politics and law; on constitutional history and on intellectual history; on psychology and physiology; on natural history – zoology, biology, botany; on chemistry, astronomy, mechanics, mathematics; on the philosophy of science and on the nature of motion and space and time; on metaphysics and the theory of knowledge. Choose a field of research, and Aristotle laboured in it; pick an area of human endeavour, and Aristotle discoursed upon it.

Of all these writings barely one-fifth has survived. But the surviving fraction contains samples of most of his studies, and although the major part of his life's work is lost, we may still form a rounded idea of his activities.

Most of the surviving writings were perhaps never intended to be read;

for it seems likely that the treatises which we possess were made up from Aristotle's lecture notes. The notes were made for his own use and not for public dissemination. They were no doubt tinkered with over a period of years. Moreover, although some of the treatises owe their structure to Aristotle himself, others were plainly put together by later editors – the *Nicomachean Ethics* is evidently not a unitary work, the *Metaphysics* is plainly a set of essays rather than a continuous treatise. In the light of this, it will hardly be a surprise to find that the style of Aristotle's works is often rugged. Plato's dialogues are finished literary artefacts, the subtleties of their thought matched by the tricks of their language. Aristotle's writings for the most part are terse. His arguments are concise. There are abrupt transitions, inelegant repetitions, obscure allusions. Paragraphs of continuous exposition are set among staccato jottings. The language is spare and sinewy. If the treatises are unpolished, that is in part because Aristotle had felt no need and no urge to take down the beeswax. But only in part; for Aristotle had reflected on the appropriate style for scientific writing and he favoured simplicity. 'In every form of instruction there is some small need to pay attention to language; for it makes a difference with regard to making things clear whether we speak in this or that way. But it does not make *much* of a difference: all these things are show and directed at the hearer – which is why no one teaches geometry in this way.' Aristotle could write finely – his style was praised by ancient critics who read works of his which we cannot – and some parts of the surviving items are done with power and even with panache. But fine words butter no parsnips, and fine language yields no scientific profit.

The reader who opens his Aristotle and expects to find a systematic disquisition on some philosophical subject or an orderly textbook of scientific instruction, will be brought up short: Aristotle's treatises are not like that. But reading the treatises is not a dull slog. Aristotle has a vigour which is the more attractive the better it is known; and the treatises, which have none of the camouflage of Plato's dialogues, reveal their author's thoughts – or at least appear to do so – in a direct

and stark fashion. It is easy to imagine that you can overhear Aristotle talking to himself.

Above all, Aristotle is tough. A good way of reading him is this: Take up a treatise, think of it as a set of lecture notes, and imagine that you now have to lecture from them. You must expand and illustrate the argument, and you must make the transitions clear; you will probably decide to relegate certain paragraphs to footnotes, or reserve them for another time and another lecture; and if you have any talent at all as a lecturer, you will find that the jokes add themselves. Let it be admitted that Aristotle can be not only tough but also vexing. Whatever does he mean here? How on earth is this conclusion supposed to follow from those premises? Why this sudden barrage of technical terms? One ancient critic claimed that 'he surrounds the difficulty of his subject with the obscurity of his language, and thus avoids refutation – producing darkness, like a squid, in order to make himself hard to capture'. Every reader will, from time to time, think of Aristotle as a squid. But the moments of vexation are outnumbered by the moments of elation. Aristotle's treatises offer a peculiar challenge to their readers; and once you have taken up the challenge, you would not have the treatises in any other form.

Chapter 2

A Public Figure

Aristotle was no recluse: the life of contemplation which he commends is not to be spent in an armchair or an ivory tower. He was never a politician, but he was a public figure and lived often enough in the public gaze. Yet in the spring of 322 he retired to Chalcis on the island of Euboea, where his mother's family had property; and in the last months of his life he lamented his isolation.

The preceding thirteen years he had spent in Athens, the cultural capital of the Greek world. There he had taught regularly, in the Lyceum. For he believed that knowledge and teaching were inseparable. His own researches were frequently carried out in company, in a research team; and he communicated his results to his friends and pupils, never thinking of them as a private treasure-store – after all, a man cannot claim to know a subject unless he is capable of transmitting his knowledge to others, and teaching is the best proof and the natural manifestation of knowledge.

The Lyceum is sometimes referred to as Aristotle's 'school'; and it is tempting to think of it as a sort of modern university: timetables and lecture courses and a syllabus, the enrolment of students and their examination, and the granting of degrees. But the Lyceum was not a private college: it was a public place – a sanctuary and a gymnasium. An old story tells that Aristotle lectured to his chosen pupils in the



Map 1. Map of Greece indicating Aristotle's places of work.

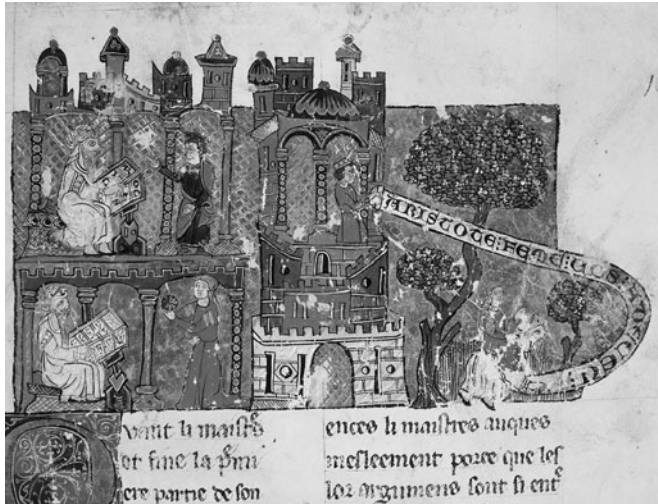
mornings and to the general public in the evenings. However that may be, arrangements in the Lyceum were surely less formal than those of a university. There were no examinations and no degrees; there were no student fees (and no student grants); there was none of that Byzantine bureaucracy without which no modern professor can teach and no modern student learn.

Aristotle combined teaching and research – his lectures must often have been ‘research papers’, or talks based on his current research interests. He did not work alone. Various colleagues joined him in his scientific and philosophical enterprises. In truth, we know little enough about all this: for myself, I like to think of a group of friends working in concert, rather than of a Teutonic professor directing the projects of his abler students; but that is fancy.

Why did Aristotle suddenly abandon the pleasures of the Lyceum and retire to Chalcis? He allegedly said that ‘he did not want the Athenians to commit a second crime against philosophy’. The first crime had been Socrates’ trial and execution. Aristotle feared that he might suffer Socrates’ fate, and his fears had a political basis.

A Public Figure

During Aristotle’s lifetime, Macedonia, under the rule first of Philip II and then of his son, Alexander the Great, expanded its power and came to dominate the Greek world, depriving the small city-states of their independence and of some of their liberties. Aristotle had lifelong connections with Macedonia: before his birth, his father, Nicomachus, had been a physician at the Macedonian court; and at his death his will named Antipater, Alexander’s viceroy in Greece, as his executor. The most famous episode in the Macedonian story began in 343: Philip invited Aristotle to Mieza as tutor to the young Alexander, and Aristotle stayed at court for a couple of years or so. A rich romance came to surround that happy coupling of prince and philosopher; and we shall not hope to see through the fog of legend or determine how far Aristotle influenced his ambitious and unlovely charge. No doubt he



2. 'Philip invited Aristotle to Mieza as tutor to the young Alexander, and Aristotle stayed at court for a couple of years or so. A rich romance came to surround that happy coupling of prince and philosopher.' Medieval manuscripts sometimes illustrated the romance.

profited from his royal position; and perhaps he also used his influence for the good of others – we are told (and the story may, for all I know, be true) that the Athenians set up an inscription in his honour, recording that he ‘had served the city well . . . by all his services to the people of Athens, especially by intervening with King Philip for the purpose of promoting their interests’.

Alexander died in June of 323. Many Athenians were pleased by the news, and anti-Macedonian feelings were not disguised. Aristotle was not a Macedonian agent. (And it is worth remarking that the political philosophy which he taught in the Lyceum contained no apology for Macedonian imperialism: on the contrary, it was against empire and against emperors.) None the less, Aristotle was associated with Macedonia. He had had a Macedonian past, and he still had Macedonian friends. He found it prudent to leave Athens.

A sidelight is shed by a broken inscription which archaeologists discovered some seventy years ago at Delphi. The fragment records that since ‘they drew up a table of those who won victories in both Pythian Games and of those who from the beginning organized the contest, let Aristotle and Callisthenes be praised and crowned; and let the Stewards transcribe the table . . . and set it up in the temple’. The inscription was engraved in about 330 BC. Some years later, Aristotle allegedly wrote to his friend Antipater in the following vein: ‘as for what was voted to me at Delphi, of which I am now deprived, this is my attitude: I am neither greatly concerned by the matter, nor wholly unconcerned’. It seems that the honours voted to Aristotle in 330 were later withdrawn. The inscription was smashed, and it was discovered at the bottom of a well – did the jubilant democrats of Delphi hurl it there in 323 BC in a fit of anti-Macedonian pique?

However that may be, the fact that Aristotle was invited to draw up the victory lists at Delphi is evidence that by the 330s he had some

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