Acknowledgements						
Pro	ologue					
Plutarch and the history of science: the case of Quaestiones naturales						
2. 3. 4. 5.	Plato, Plutarch and scientific infancy Date and chronology of Quaestiones naturales: a 'life's work'? The value of Plutarch's natural problems Classical philology and the petrification of science Status quaestionis Note on translations and abbreviations					
Inti	roduction					
1. 1.1	. Quaestiones naturales and the Aristotelian genre and tradition					
	of natural problems Preliminary remarks on Plutarch's Naturwissenschaft Quaestiones naturales: the work of a Plutarchus Aristotelicus	61 61 67				
	3. The genre of problems and the Aristotelian tradition of natural problems4. Internal organisation of Plutarch's natural problems	75				
	(microstructure)5. Coherent reading in Quaestiones naturales and convivales (macrostructure)	84 92				
	6. The title and its programmatic value	102				
1.2	 Problems related to Plutarch's scientific discourse Trifles unworthy of Plutarch? Some remarks on authenticity The rhetoric of scientific discourse according to 	110 110				
	Plutarch 3. The problem of style 4. The problem of morality	112 117 119				
	5. A 'generic' solution6. Conclusion and new questions	127 129				
2. 2.1	The position of Quaestiones naturales in the corpus Plutarcheum 1. Scientific traits in the corpus Plutarcheum 1. Intellectual and literary interest of natural					
	phenomena 2. Cluster analysis in Quaestiones naturales 3. Scientific digressions in the Vitae 4. Indirect references to Quaestiones naturales	132 138 141 148				
2.2	A comparative study of Quaestiones naturales and Quaestiones convivales 1. The level of elocutio 2. The level of dispositio 3. The level of inventio	150 151 156 159				

2.3	Hypomiand Qu 1. His 2. Pro 3. Zet	161 162 165 173					
2.4.	1. The 2. Cla	Opening up Plutarch's zetetic archive 1. The issue of publication: problems as functional literature 2. Classification and overlap 3. Conclusion and new questions					
3.	Quaest	uaestiones naturales and zetetic 7raiSeia 187					
3.1.	 Nat Plu Dig Qua 	z im Leben: readership and educational context Natural problems and philosophical (jyokr\ Plutarch's academy Digestive discussions and problematic promenades Quaestiones naturales as school text: technicality and complexity The dialogue between author and reader: vivacity and historicity 212					
3.2.	 Nat Nat 	Quaestiones naturales as a preamble to metaphysics Natural problems as a means of exercising the mind Natural problems as a means of easing the mind Conclusion and new questions					
4.		lutarch's Platonic world view: the aetiological design of uaestiones naturales and its scientific context 235					
4.1.	Science Quaest	235					
	4.1.1.	Saving popular beliefs: the wonders and paradoxes of nature 1. Natural problems and the fabric of strangeness 237 2. Democritus and the cucumber244 3. Plutarch's popular beliefs: anti-Aristotelian and anti-Stoic	235 dynamics248				
	4.1.2.	Plutarch's dualistic causality: rationalising the divine and the use of myth and poetry 1. Plato's scientific revolution 2. Science, religion and mythology 3. Science and poetry	258 258 264 274				
4.2.	Construe	278					
	4.2.1.	4.2.1. Character and use of the scientific tradition1. Quotations from scientific prose authors2. Problematisation of scientific knowledge					
	4.2.2.	Scientific innovation and performance 1. A note on the sociology of knowledge and	291				

	2	paideia The programatics of Plutareh's acientific	291			
	2.	The pragmatics of Plutarch's scientific ingenuity and creativity	293			
	4.3. Plutarch's scientific methodology: a rough guide to explaining natural phenomena					
4.3.1.	1.	terial principles and natural processes Material principles Natural processes	299 301 306			
4.3.2.		vards the limits of natural science	312			
	1.	eulabeia	313			
		Truth and probability in Quaestiones naturales	321			
	3.	Sense perception and the issue of autopsy in Quaestiones naturales	328			
4.3.3.		gical-rhetorical dynamics	339			
	1.	Contradiction, non-contradiction and aetiological freedom	340			
	2. 3.	Aetiological comprehensiveness and pluricausality Aetiological subtlety and sophistication	345 349			
4.3.4. U	mity and technicality of the scientific terminology Let's talk science: the birth and use of technical	354				
	1.	vocabulary	355			
	2. 3.	Big words? High-tech vs. low-tech vocabulary Conclusion: Plutarch, Plato and Aristotle	359			
		(again)	362			
Commenta	ry					
0. Approach and structure1. Salt and water (Q.N. 1-13)						
2. Wheat ar	2. Wheat and barley (Q.N. 14-16)					
3. Sea animals and fishing (Q.N. 17-19)						
	 Land animals and hunting (Q.N. 20-28) Viniculture (Q.N 30-31) 					
6. Longolius (Q.N. 32-39)						
7. Psellus (N.Q	40-41)	487			
Synopsis						
Bibliography						
Index Locorum						