

Table of contents

Prologue: building up towards an interdisciplinary project	1
Introduction: hypothesis, methodology, survey	3
CHAPTER I.....	11
The issue of scurvy in Western history	13
1.1. Origins and records: land scurvy	13
1.2. The scourge of sea voyages.....	16
1.3. The physicians' approach.....	25
1.4. Backgrounds to the long road: sailors, surgeons, supplies and causes.....	36
1.5. Looking across cultural horizons: the non-Western experience	43
1.6. The triggering factor: haptoglobin polymorphism and vitamin C	51
CHAPTER II.....	55
Remarkable medical writings.....	57
2.1. <i>Qingtui yagan</i> : scurvy seen through Chinese eyes	57
2.1.1. Preliminary bibliographical enquiries.....	57
2.1.2. Textual origin and genealogy.....	59
2.1.3. Scurvy in the <i>qingtui yagan</i> chapter of the <i>Yizong jinjian</i>	61
2.1.3.1. Introduction: diagnosis	63
2.1.3.2. Historical background and causes	65
2.1.3.3. Treatments: survey.....	69
2.1.3.4. Horse milk and horse brain.....	71
2.1.3.5. Tonics.....	76
2.1.3.6. Bloodletting.....	84
2.1.3.7. Ointment	85
2.1.3.8. Additional cures	87
2.1.3.9. Incurable cases.....	88
2.1.4. Evaluation	89
2.1.5. <i>Qingtui yagan</i> in later works and commentaries.....	90
2.2. Supplying in the army	95
CHAPTER III.....	103
Of junks and compasses: opening the curtain on the food supplies of pre-modern Chinese seamen	105
3.1. A quest for data	105
3.2. Geographical environment	106
3.3. The origins of Chinese seafaring activities.....	109
3.4. Maritime exploits in the Spring and Autumn and Warring States periods.....	112
3.5. Heightened maritime activity during Qin and Han dynasties.....	116
3.6. Sea travellers and their accounts	122
3.7. "Floating gardens": images of a forgotten technique.....	129
3.8. The Quanzhou shipwreck.....	134
3.9. The Mongols at sea.....	142
3.10. Zheng He's long distance voyages	153
3.11. Korean castaways	166
3.12. From Ming to Qing	171
3.13. Trading junks, pirates and Western witnesses in the Eastern Seas	174
3.14. The case of the Japanese drifters: the ultimate evidence?	184
3.15. Touching new horizons: Chinese emigration to the Americas.....	194
3.16. Fujian: overseas seasonal labour and the vegetable experience.....	202

CHAPTER IV.....	211
Fresh water on a salty sea.....	213
4.1. A life-saving necessity.....	213
4.2. Tea: the “magical” potion?.....	224
CHAPTER V.....	229
Introduction of Western knowledge into China: theory versus practice.....	231
5.1. The infusion of Western medical knowledge	231
5.2. An outbreak of scurvy in twentieth century China	234
CHAPTER VI.....	237
Quantifying the pre-modern Chinese sailor’s diet: a reconstructive attempt	239
Conclusions and epilogue	247
Bibliography.....	251
Index	269