

Contents

List of Figures	xiii
List of Tables	xv
Foreword	xvii
Abstract	xix
1. Introduction	1
1.1. A decade of new discoveries and research.....	1
1.2. The Arras Culture	1
1.3. Methodology.....	3
1.4. Use of historical sources.....	4
1.5. Terminology.....	6
1.6. Chronology	6
2. The Arras Culture of eastern Yorkshire	7
2.1. Eastern Yorkshire in its British context	7
2.2. Yorkshire and the Arras Culture	7
2.3. Geographical study area	8
2.4. Funerary practices in eastern Yorkshire.....	8
2.4.1. Inhumation.....	9
2.4.2. From round to square barrows	9
2.4.3. From isolated barrows to large size cemeteries?	11
2.4.4. The large cemeteries of the Yorkshire Wolds	12
2.4.5. Burial types.....	13
2.4.5.1. Type A burials.....	16
2.4.5.2. Type B burials.....	20
2.4.5.3. Type B and C warrior burials.....	20
2.4.5.4. Type C burials with mirrors.....	24
2.4.5.5. Type C burials with vehicles and horse harness	26
2.4.5.6. Type D burials	26
2.4.5.7. Animal burials	27
2.4.6. Organic grave goods.....	27
2.4.7. Location of cemeteries in the landscape.....	27
2.5. Chariot burials	28
2.5.1. Location	29
2.5.2. Barrows and grave pits	30
2.5.3. Complete versus dismantled chariots	30
2.5.4. The interior organisation of dismantled chariot burials	33
2.5.5. Coffin or vehicle body?.....	34
2.5.6. Vehicle parts and horse harness	37
2.5.7. Weapons	42
2.5.8. The deceased.....	43
2.5.9. The horses	43
2.5.10. Other animal bones	44
2.6. The start of the Arras Culture	44
2.6.1. Overview.....	44
2.6.2. The earliest brooches	44
2.6.3. The chariot burials	46
2.6.4. Bayesian analysis of radiocarbon dates	46
2.6.5. Heirlooms and antiques	47

2.7. Natural sciences and the population of East Yorkshire	47
2.7.1. Radiocarbon dating	47
2.7.2. Isotope evidence	48
2.7.3. Skeletal evidence for engendered violence.....	48
2.8. Non-funerary features of the East Yorkshire landscape	49
2.8.1. Linear earthworks	49
2.8.2. Settlements.....	49
2.8.3. Means of subsistence	50
2.9. A few preliminary conclusions	50
2.9.1. Burials: a reflection of social status?	50
2.9.2. Import of ideas and luxury materials from the Continent.....	51
2.10. British chariot burials outside Yorkshire	51
2.10.1. Scotland	51
2.10.2. Wales.....	52
2.10.3. Other regions	53
3. The Middle Rhine – Moselle region	55
3.1. Chariot burials and general funerary practices	55
3.1.1. Location and history	55
3.1.2. Disposal of the dead.....	55
3.1.3. Superstructures and enclosures.....	56
3.1.4. Grave pits.....	56
3.1.5. General arrangement of chariot burials	56
3.1.5.1. Position of the vehicle	56
3.1.5.2. Position and orientation of the deceased (inhumations).....	57
3.1.5.3. Dismantled chariot burials.....	57
3.1.6. The deceased.....	57
3.1.7. Vehicle parts and horse harness	59
3.1.8. Grave goods	60
3.2. The Middle Rhine – Moselle region versus the Arras Culture	62
4. The Netherlands.....	63
5. The Aisne-Marne and neighbouring regions.....	65
5.1. General funerary practices.....	65
5.1.1. Data.....	65
5.1.2. Disposal of the dead.....	67
5.1.3. Position and orientation of the deceased	67
5.1.4. Multiple burials.....	68
5.1.5. Disturbance and reopening of graves.....	68
5.1.6. Enclosures	68
5.1.7. Superstructures: barrows and mortuary houses	69
5.1.8. Grave pits.....	70
5.1.9. Cemetery organisation	70
5.1.10. Grave goods	70
5.1.11. The funerary scene in LT B2.....	72
5.2. Chariot burials – southern Champagne and northern Burgundy (LT A1)	73
5.3. Chariot burials - Marne, Aisne, southern Ardennes and Meuse (LT A-B)	74
5.3.1. Location and history	74
5.3.2. Chariot burials and cemeteries.....	75
5.3.3. Disposal of the dead.....	75
5.3.4. Superstructures and enclosures.....	75
5.3.5. Grave pits.....	76
5.3.6. General burial arrangement	76
5.3.7. The deceased.....	76
5.3.8. Vehicle parts and horse harness	77
5.3.9. Grave goods	79

5.4. Chariot burials - Aisne and northern Ardennes (LT C-D1)	80
5.5. The Aisne-Marne during LT B2.....	83
5.6. The Aisne-Marne region versus the Arras Culture	85
6. The Belgian Ardennes	87
6.1. Chariot burials and general funerary practices	87
6.1.1. Chariot burials and cemeteries.....	88
6.1.2. Disposal of the dead.....	88
6.1.3. Superstructures and enclosures.....	88
6.1.4. Grave pits.....	88
6.1.5. The deceased.....	90
6.1.6. General arrangement of chariot burials	90
6.1.7. Vehicle parts and horse harness	91
6.1.8. Grave goods.....	93
6.2. The origins of the La Tène culture of the Belgian Ardennes.....	95
6.3. The Belgian Ardennes and the origins of the Arras Culture.....	96
6.3.1. Demographic fluctuations in the Belgian Ardennes	96
6.3.2. 'Poor grave goods' and 'plain vehicles'?.....	97
6.3.3. Other issues.....	97
6.3.4. Conclusion.....	97
7. The Luxembourg Ardennes.....	99
8. The Paris area	101
8.1. Chariot burials and general funerary practices	101
8.1.1. Chariot burials and cemeteries.....	101
8.1.2. Disposal of the dead.....	102
8.1.3. Superstructures and enclosures.....	103
8.1.4. Grave pits.....	104
8.1.5. The deceased.....	105
8.1.6. General arrangement of chariot burials	105
8.1.7. Vehicle parts and horse harness	107
8.1.8. Grave goods.....	112
8.1.9. Settlements.....	115
8.2. The origins	115
8.2.1. A new population of mixed origins?.....	116
8.2.2. A local development?.....	117
8.2.3. Conclusion	118
8.3. The Paris area versus the Arras Culture.....	118
8.3.1. The Parisi and the Parisii	118
8.3.2. The burial tradition	119
8.3.3. Vehicle parts and horse harness	121
8.3.4. Art style.....	121
8.3.5. Settlements.....	121
8.3.6. Same origins?.....	121
8.3.7. Conclusion	122
9. The 'Groupe de la Haine' (Belgium).....	123
9.1. Sites	123
9.2. Disposal of the dead	123
9.3. Vehicle parts and horse harness	123
9.4. Types of chariot burials	124
9.5. Grave goods.....	124
9.6. Sanctuary	125
9.7. Origins and connection with Arras Culture?	125

10. The Aisne valley in the Oise department	127
10.1. The 1926 chariot burial.....	127
10.2. The 2009 chariot burials.....	127
11. Normandy	129
12. Burials with parts of vehicle and/or harness in northern Gaul	133
12.1. Geographical distribution.....	133
12.2. Origins and dating.....	134
12.3. Complete and <i>pars pro toto</i> chariot burials.....	134
12.4. A special composition.....	136
12.5. Northern Gaul versus the Arras Culture in this period.....	136
13. Eastern Yorkshire versus Northern Gaul	137
13.1. Dating.....	137
13.1.1. Iron wheel tyres.....	137
13.1.2. Supporting evidence.....	137
13.1.3. Rationale behind and disproof of traditional dating.....	138
13.2. Comparison of funerary practices.....	138
13.2.1. Inhumation versus cremation.....	138
13.2.2. Position and orientation of the body.....	138
13.2.3. Chariot burials.....	139
13.2.4. Complete and dismantled chariots.....	139
13.2.5. Square barrows, square enclosures.....	140
13.2.6. No perfect match... ..	141
13.2.7. ... so no migration?	141
13.3. Conclusion and further questions.....	142
14. Third century BC: Changes in long-distance networks	143
14.1. Social networks theory.....	143
14.2. Closer contacts in the third century BC.....	144
14.2.1. Northern Gaul in the fifth and fourth centuries BC.....	144
14.2.2. Northern Gaul in the third century BC.....	146
14.2.3. Internationalisation.....	146
14.2.4. Evolution of elite networks between the fifth and the third centuries BC.....	147
14.2.5. New connections.....	148
14.2.5.1. Culture-historical hypothesis.....	148
14.2.5.2. Alternative theory.....	148
14.2.6. The Arras Culture: part of the Gaulish networks?.....	149
14.3. Conclusion.....	149
15. Functioning of elite and religious networks	151
15.1. Mechanisms and strategies of elite networks.....	151
15.1.1. Strategic marriages.....	151
15.1.2. Clientship.....	153
15.1.2.1. Base and free clientship.....	153
15.1.2.2. Competition and status.....	156
15.1.2.3. Archaeological evidence.....	157
15.1.3. Fosterage.....	157
15.1.4. Hostageship.....	158
15.1.4.1. Different types of hostageship.....	158
15.1.4.2. Selection of hostages.....	161
15.1.4.3. Treatment of hostages.....	161
15.1.4.4. The role of hostageship in the formation and maintenance of social networks.....	162
15.2. A well-connected evangelist.....	163
15.2.1. The druids.....	163

15.2.1.1. The sources 163

15.2.1.2. The druids' knowledge 163

15.2.1.3. Ritual, religion and burial..... 164

15.2.1.4. Connections and privileges..... 165

15.2.1.5. Counsellors of kings 165

15.2.2. Druids and the Arras Culture: a possible scenario..... 165

16. Conclusion..... 167

Bibliography 169

 Classical texts 169

 Modern sources..... 169

Appendix A. Catalogue: Chariot burials of the third and second centuries BC..... 187

Appendix B. Non-exhaustive inventory: Chariot burials of the fifth and fourth centuries BC 251

Appendix C. Glossary: vehicle and horse harness terminology 259

Appendix D. Glossary of Continental terms..... 261

Appendix E. Translations of classical texts quoted in section 15.2..... 263