

Contents

	List of figures and tables	vii
	List of contributors	xi
CHAPTER 1	Transhumant pastoralism in historic landscapes: beginning a European perspective	1
	<i>Eugene Costello and Eva Svensson</i>	
CHAPTER 2	The Scandinavian shieling – between innovation and tradition	15
	<i>Eva Svensson</i>	
CHAPTER 3	From written sources to archaeological remains – medieval shielings in central Scandinavia	29
	<i>Susanne Pettersson</i>	
CHAPTER 4	Winter housing: archaeological perspectives on Newfoundland’s non-pastoral transhumant tradition	43
	<i>Anatolijs Venovcevs and Barry C. Gaulton</i>	
CHAPTER 5	What do we really know about transhumance in medieval Scotland?	59
	<i>Piers Dixon</i>	
CHAPTER 6	Ethno-geoarchaeological study of seasonal occupation: Bhiliscleitir, the Isle of Lewis	75
	<i>Patrycja Kupiec and Karen Milek</i>	
CHAPTER 7	Morphology of transhumant settlements in post-medieval South Connemara: a case study in adaptation	93
	<i>Eugene Costello</i>	
CHAPTER 8	The changing character of transhumance in early and later medieval England	109
	<i>Mark Gardiner</i>	
CHAPTER 9	Seasonal pastoral settlement in the lower mountains of the Auvergne region (France) during the medieval and modern periods (thirteenth–eighteenth centuries)	121
	<i>Frédéric Surmely, Violaine Nicolas, Jay D. Franklin, Robert Linam, Manon Cabanis and Julien Le Junter</i>	
CHAPTER 10	Moving up and down throughout the seasons: winter and summer grazing between Provence and the southern Alps (France) AD 1100–1500	135
	<i>Sylvain Burri, Vanessa Py-Saragaglia and Roxanne Cesarini</i>	
CHAPTER 11	Alpine settlement remains in the Bernese Alps (Switzerland) in medieval and modern times: the visibility of alpine summer farming activities in the archaeological record	155
	<i>Brigitte Andres</i>	
CHAPTER 12	Short- and long-distance transhumant systems and the commons in post-classical archaeology: case studies from southern Europe	171
	<i>Anna Maria Stagno</i>	
CHAPTER 13	Transhumance in the mountains of northern Tuscany (Italy)	187
	<i>Massimo Dadà</i>	
CHAPTER 14	The role of marginal landscapes in understanding transhumance in southern Tuscany (twelfth–twentieth centuries AD): a reverse perspective integrating ethnoarchaeological and historical approaches	197
	<i>Edoardo Vanni and Davide Cristoferi</i>	
CHAPTER 15	Transhumant herding systems in Iberia	219
	<i>Margarita Fernández Mier and Catarina Tente</i>	

CHAPTER 16	Transhumance dynamics in the Gredos Range (central Spain) during the last two millennia: environmental and socio-political vectors of change <i>José Antonio López-Sáez, Antonio Blanco-González, Daniel Abel-Schaad, Sandra Robles-López, Reyes Luelmo-Lautenschlaeger, Sebastián Pérez-Díaz and Francisca Alba-Sánchez</i>	233
CHAPTER 17	Ovine pastoralism and mobility systems in Romania: an ethnoarchaeological approach <i>Robin Brigand, Olivier Weller, Felix Adrian Tencariu, Marius Alexianu, Andrei Asăndulesei</i>	245
	Index	264

Figures

1.1	Distribution map of study areas and regions dealt with by each chapter	2
2.1	Medieval house foundation, Gammelvallen, Ängersjö	17
2.2	Pollen diagram, Backasåtern shieling	19
2.3	The forest farmer's year in Offerdal parish during the mid-eighteenth century	22
2.4	The Backa hamlet and outlands; the outland east of Backasåtern shieling has not been surveyed	23
2.5	Occurrence of settlement and impact of different land-use activities over time at the Backa estate	24
3.1	A modern summerhouse at <i>Herlandsetra</i>	29
3.2	Modern remains of a timber building at <i>Herlandsetra Nedre</i> , Vestfold County, Norway	31
3.3	Map showing the regions mentioned in the article	32
3.4	Possible building at <i>Melgårdsetern</i> showing low earthworks surrounding a rectangular hollow	35
3.5	Trench 1 cutting the western wall of the medieval building at <i>Vesetra</i>	39
3.6	Results based on radiocarbon dates from the investigated shielings	40
4.1	One of the few winter house drawings	45
4.2	Large open hearth at the Sunnyside 1 site	47
4.3	Distribution of winter houses around Big Mussel Pond in relation to the modern community of O'Donnells	48
4.4	Interior of a European cabin in Labrador	49
4.5	Approximate migration routes between summer communities and their associated winter places in Notre Dame and Bonavista Bays, Newfoundland	53
5.1	Plan and section of beehive hut at Airigh a' Sguir, Uig, Isle of Lewis; stone with turf covering	64
5.2	An example of a dimpled turf shieling mound at Airigh na Stainge, Argyll and Bute	65
5.3	Site plan of shieling hut group at Bidein An Tighearna, Isle of Eigg	66
5.4	Late medieval hut at Camp Shiel Burn, Scottish Borders	69
5.5	Post-medieval stone and turf-walled hut at Lawers Burn, North Lochtayside	70
5.6	Two late medieval turf huts overlying an earlier turf structure at Kiltyrie, North Lochtayside	70
5.7	Medieval turf-walled hut at Kiltyrie, North Lochtayside	71
6.1	Map of the Isle of Lewis showing the location of the Bhiliscleiter shieling settlement and Port of Ness	76
6.2	A student visits a shieling at Filiscleitir, Ness	77
6.3	Three Ness women prepare to leave the shieling	77
6.4	Topographic survey of shielings at Bhiliscleiter	78
6.5	Plan of Structures 10–12 at Bhiliscleiter, showing the location of Test Pits 1–3	79
6.6	Thin section 1, showing clay floor in layer 4.1; clay nodule with temper in layer 4.2; and zone of compaction in layer 4.3	83
6.7	Thin section 2, showing charred peat in layer 4.6; charred peat impregnated with iron in layer 4.4; and horizontally bedded plant tissues in layer 4.7	84
6.8	Thin section 6, showing pottery fragment in layer 4.8; dense matrix of amorphous organic matter in layer 4.9; and charred peat in layer 4.12	86
6.9	Thin section 4, showing grass phytoliths in dense amorphous organic matter matrix; plant tissues; and wood tissues	88
7.1	Carna peninsula, with townland boundaries in green; unenclosed rough grazing shaded red	95
7.2	Distribution of farmhouses (c. 1838) in home townlands and sites in connected summer pastures; Glinisce and Seanadh Bhuire sites not shown	96
7.3	Probable booley dwellings of various design, with calf pen to south; Gleannán	97
7.4a	Rectangular type, Gleannán 9	98
7.4b	Example of irregular type, Gleannán 12; possible butter store in north-east	98
7.5	Intact early nineteenth-century farmhouse in Ogúil, Kilannin (east of Carna peninsula)	99
7.6	D-shaped booley dwelling in centre of photograph built up against two boulders sitting next to one another, An Cnoc Buí 4	100
7.7	Booley dwelling in Beitheach Chatha built up against large boulder	101
7.8	Centre of An Aill Mhór group in Gleannán	104
7.9	Farmhouses and fields in home townlands of An Aird Thiar and Thoir	105
8.1	The seventh- to eighth-century sunken building at North Marden (Sussex) on the South Downs	111
8.2	Selected areas of transhumance and other places mentioned in the text	112
9.1	General location of the two study areas	122
9.2	Aerial photograph of the medieval hamlet du Lac-d'En-Haut (La Godivelle, France)	123
9.3	Table of radiocarbon dates obtained on medieval sites of Cantal and Sancy	125
9.4	General map of site n° 54 indicating the areas tested	126
9.5	Plan of site n° 1365 (Lacapelle-Barrès, Cantal)	128
9.6	Pot found in site 335 (seventeenth century; Saint-Clément, Cantal)	128
9.7	Modern hamlet of Pré-Rigot (Compains, France)	130
9.8	Geographical distribution of the aligned structures (<i>peignes ou tras</i>) in the Sancy	131
9.9	Aerial view of aligned structures concentration, at Le Roc Blanc (Perpezat, Puy-de-Dôme)	132

10.1	Study area	137
10.2	Wintering flows of Alpine herds (AD 1100–1300)	138
10.3	Wintering flows of western and central Alpine herds (AD 1300–1500)	140
10.4	Wintering flows of eastern Alpine and Provençal herds (AD 1300–1500)	141
10.5	Summering flows of western Provençal herds (AD 1300–1500)	142
10.6	Summering flows of central and eastern Provençal herds (AD 1300–1500)	143
10.7	Reconstruction of shepherds' routes (AD 1300–1500)	145
10.8a–b	Distances travelled for wintering and summering (AD 1300–1500)	146
10.8c–h	Assessment of wintering and summering flows	146
10.9a	Site of Coste de Tonis	148
10.9b	Structure of Coste de Tonis 1	148
10.9c	Structure of Fangeas X and IV	148
10.9d	Structure of Col de Barral (Le Lavandou, Var)	148
10.9e	Structure of Roque Fadade 6 (Le Muy, Var)	148
11.1	Map of the Oberhasli region showing the locations of the valleys, passes, sites and places discussed in the text	150
11.2	The building types of the most important categories: building remains, rock-shelter structures and animal pens	150
11.3	Innertkirchen BE, Murläger (aerial view of the structures built into the slope and the remains of the walls)	160
11.4	Innertkirchen BE, Zum See (orthophoto of the alp level)	161
11.5	Brienz BE, Axalp-Litschenteltli (north facade, section and ground-plan with fireplace of a sixteenth-century milking hut)	164
12.1	Map of the sites investigated by the 'Archimede' project (circles) which also designates the other sites detailed in the text (triangles)	172
12.2	Commons and municipalities on the eastern Alevese Plain (the round areas correspond to preserved <i>seles</i>)	173
12.3	Seasonal movements in eastern Liguria (seventeenth–twentieth c.)	175
12.4	The investigated areas and identified topographic units in Alava and Gipuzkoa	177
12.5	Hamlets involved with rights in the Parzonería General de Gipuzkoa and Alava and the location of the arrival points of a select few transhumance routes	178
12.6	Sites and test-pit locations in Malla	179
12.7	Periods and comparative matrix of the Malla investigations	181
12.8	Beorlatza. a. Charcoal kiln site. b. Ancient pollarded oak	183
13.1	Map of the research area	188
13.2	Pastures on the Apuan Alps: the huts of Sagro	189
13.3	Medieval hospice of Centocroci	192
13.4	Map of the <i>comunalia</i> of Vinca that shows fourteenth-century 'versant-transhumance'	194
13.5	Pastoral huts around Monte Sagro	194
14.1	Mediterranean transhumance routes	198
14.2	The study area showing the locations of sites quoted in the text (Tuscany, Italy)	199
14.3	The compound enclosures of barren Monte Labbro	204
14.4	The Pigelleto Reservoir showing the customs road mentioned in the cadastre of AD 1822 (<i>Doganella</i>)	207
14.5	Prile Lagoon and other humid environments during the medieval period	209
14.6	Historical photographs representing shepherds' villages (1865) and maps (1680–1699) with huts around Prile Lagoon	210
14.7	Modern huts near Vetulonia	211
14.8	Hut with foundations (site B)	212
15.1	Iberian case-study area: Cantabrian Mountains (northwest Spain) and Estrela Mountain (northern-central Portugal)	220
15.2	<i>Braña La Mesa</i> (Asturias, Spain)	223
15.3	Soida (Celorico da Beira). Archaeological site from the tenth century, Estrela Mountain.	225
15.4	Moudreiros (Asturias, Spain)	227
15.5	Medium-scale transhumance from Estrela Mountain (Portugal)	228
15.6	A <i>chozo</i> for <i>Mesta</i> herds from the Cantabrian Mountains	230
16.1	Location of the Gredos Range in central Iberia	235
16.2	Synthetic pollen diagrams of four well-dated peat bogs from the Gredos Range	236
17.1	High terrace Chalcolithic settlement (<i>Dealul Pandele</i>) and sheepfold without a dairy	246
17.2	The study area in Romania (stars): the Moldovan Plain and foothills and the southern Carpathians	249
17.3	Models of the various types of pastoralism (nineteenth–twentieth centuries)	250
17.4	A seasonal sheepfold with facilities for the preparation of milk products	251
17.5	The typical plan of a seasonal sheepfold in the Moldovan foothills	253
17.6	High mountain pastures, North Parâng <i>zânoaga</i>	255
17.7	Salt rock exploitation and the supply of salt boulders to private homesteads and local sheepfolds	257
17.8	Salted soils and pastoralism in the Moldavian Plain	258
17.9	Transhumance routes overlap mountain relief and the geology of salt (in blue)	260

Table

6.1 Summary of features observed in thin sections 1–2, 4, and 5–6 at Bhiliscleiter shieling settlement