

CONTENTS

Preface	v
Introduction	1
Chapter I. From Birth to Collapse: On the History of Archaeological Studies in the Russian Arctic	4
1.1. Kola Peninsula	12
1.2. The Extreme European Northeast (Malozemelskaya and Bolshezemelskaya Tundra Areas), Trans-Ural Polar Area, and Northwestern Siberia	13
1.3. Taimyr Peninsula	13
1.4. Northern Yakutia	14
1.5. Middle Kolyma River and Chukchi Peninsula.....	14
Chapter II. Late Pleistocene Natural Dynamics and the Problem of Early Human Habitation in the Arctic	17
2.1. North Scandinavia, Kola Peninsula, Northeast Area of the Russian Plain	18
2.2. Sartan Glaciation of Northern and Northeastern Siberia	20
2.3. The Problem of the Pan-Arctic Ice Sheet	21
2.4. Peopling of the Arctic. The Problem of Antiquity	28
Chapter III. The Zhokhov Island Mesolithic Site	34
3.1. Geography, Paleoenvironment, and Quaternary Deposits.....	34
3.2. A Story of Research, Site Location, Stratigraphy of the Site, and Dating.....	38
3.3. The Mesolithic as a Division of Archaeological Periodization	47
3.4. The Stone Industry of the Zhokhov Island Site	50
3.5. Assemblage of Hunting Equipment.....	62
3.6. Tools of Fossil Mammoth Ivory Flakes	65
3.7. Pickaxes of Mammoth Ivory and Antler	66
3.8. Other Artifacts Made of Bone or Antler	67
3.9. Wooden Artifacts	68
3.10. Faunal Remains and Seasonality of the Zhokhov Site	69

Chapter IV. Terminal Pleistocene-Early Holocene Relics of Northeast Asia and the Zhokhov Assemblage	88
Chapter V. Early Man in Arctic Ecosystems: Environmental Dynamics and Changeability of Subsistence Models	108
Summary and Concluding Remarks	121
Acknowledgements	128
References	129
Figures	150
Abbreviations.....	201