

# TABLE OF CONTENTS

<b>Foreword.....</b>	v
<b>I. Archaeology, Science, and Human Evolution .....</b>	1
<b>II. Paleogeography of the North.....</b>	15
<b>III. Cold Climates and Human Origins.....</b>	21
<b>IV. Cultural Chronology of Northeastern Siberia.....</b>	36
<b>References .....</b>	41
<b>Figures</b>	
<b>Figure 1.</b> Schema of the origin of living from nonliving.....	55
<b>Figure 2.</b> Schema of the evolution of man .....	55
<b>Figure 3.</b> Map of survey routes of the Prilensk Archaeological Expedition .....	56
<b>Figure 4.</b> Map of the expanse of permafrost in the Northern Hemisphere. 1—complete permafrost; 2—permafrost on the shelf; 3—broken permafrost (after Washburn 1988:36).....	56
<b>Figure 5.</b> Schematic map of the expanse of continental glaciation.....	57
<b>Figure 6.</b> Schematic map of the distribution of the Paleolithic in the European part of the USSR.....	57
<b>Figure 7.</b> Paleolithic sites of Northeast Asia. 1—Dyuktai tradition .....	58
<b>Figure 8.</b> “Regions in which man either entirely cannot live or lives under very difficult circumstances” (after J. Horrabin 1924:12) .....	59
<b>Figure 9.</b> Tundra-forest and adjoining zones of the USSR .....	59
<b>Figure 10.</b> “Comfort of the territory of the USSR based on the degree of favorableness of natural conditions for the life of the population.”.....	60
<b>Figure 11.</b> Locations of the original homelands of humanity corresponding to the ideas of various authors.....	60
<b>Figure 12.</b> Chronology of adaptive types.....	61
<b>Figure 13.</b> Map of Paleolithic sites of North, Central, and East Asia discovered by 1930.....	61
<b>Figure 14.</b> Map of areas of three provinces of Upper Paleolithic culture.....	61
<b>Figure 15.</b> Map of areas of the earliest Paleolithic cultures .....	61
<b>Figure 16.</b> Map of areas of cultural-historical regions of Asia during the Paleolithic-Mesolithic.....	62

<b>Figure 17.</b> Map of distribution of the Upper Paleolithic Dyuktai culture .....	62
<b>Figure 18.</b> Map of distribution of sites of the Sumnagin culture.....	62
<b>Figure 19.</b> Schema of the structure of the lower terraces of the Aldan River and stratigraphic position of archaeological type sites.....	63
<b>Figure 20.</b> View from Syurakh-Aryy Lake at the excavation of the Belikachi I site in 1966.....	63
<b>Figure 21.</b> General view of the excavation at Dyuktai Cave and the apron area of the cave in 1968.....	64
<b>Figure 22.</b> Summary stratigraphic cross section of deposits of the 125–135-meter intercyclic Tabaginsk terrace in the vicinity of the Diring site.....	65
<b>Figure 23.</b> Schema of terraces of the Lena River in the Sinsk-Pokrovsk section .....	65
<b>Figure 24.</b> I—schematic not-to-scale profile of the locality and bedrock of the terraces in the vicinity of the Diring II site .....	66
<b>Figure 25.</b> View from the Lena River of the area near the mouth of Diring-Yuryakh Creek. Arrows give the terrace elevations.....	67
<b>Figure 26.</b> Diring Yuryakh site. Fragment of the eastern wall of excavation III.....	68
<b>Figure 27.</b> DiringYuryakh site. Fragment of Cluster No. 43 .....	68
<b>Figure 28.</b> Diring Yuryakh site. South wall of Excavation III.....	69

## Plates

### The Oldest Paleolithic Artifacts

<b>Plate 1.</b> Diring culture of the Most Ancient Palaeolithic .....	70
<b>Plate 2.</b> Diring culture of the Most Ancient Palaeolithic .....	70
<b>Plate 3.</b> Diring culture of the Most Ancient Palaeolithic .....	71
<b>Plate 4.</b> Diring culture of the Most Ancient Palaeolithic .....	72
<b>Plate 5.</b> Diring culture of the Most Ancient Palaeolithic .....	72
<b>Plate 6.</b> Diring culture of the Most Ancient Palaeolithic .....	72
<b>Plate 7.</b> Alalaisk culture of the Most Ancient Palaeolithic .....	73
<b>Plate 8.</b> Alalaisk culture of the Most Ancient Palaeolithic .....	73
<b>Plate 9.</b> Alalaisk culture of the Most Ancient Palaeolithic .....	73
<b>Plate 10.</b> Alalaisk culture of the Most Ancient Palaeolithic .....	74

## Middle Paleolithic Artifacts

<b>Plate 11.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	74
<b>Plate 12.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	75
<b>Plate 13.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	75
<b>Plate 14.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	76
<b>Plate 15.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	76
<b>Plate 16.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	77
<b>Plate 17.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	77
<b>Plate 18.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	77
<b>Plate 19.</b> Kyzylsyrsk (protodiuktai) culture of the Middle Palaeolithic .....	78
<b>Plate 20.</b> Chirkuosk culture of Middle Palaeolithic or initial stage of Late Palaeolithic (?).....	78
<b>Plate 21.</b> Chirkuosk culture of Middle Palaeolithic or initial stage of Late Palaeolithic (?).....	79
<b>Plate 22.</b> Chirkuosk culture of Middle Palaeolithic or initial stage of Late Palaeolithic (?).....	79
<b>Plate 23.</b> Chirkuosk culture of Middle Palaeolithic or initial stage of Late Palaeolithic .....	80
<b>Plate 24.</b> Chirkuosk culture of Middle Palaeolithic or initial stage of Late Palaeolithic .....	80

## Late Paleolithic Artifacts

<b>Plate 25.</b> Diuktai culture of the Late Palaeolithic .....	81
<b>Plate 26.</b> Diuktai culture of the Late Palaeolithic .....	81
<b>Plate 27.</b> Diuktai culture of the Late Palaeolithic .....	82
<b>Plate 28.</b> Diuktai culture of the Late Palaeolithic .....	82
<b>Plate 29.</b> Diuktai culture of the Late Palaeolithic .....	83
<b>Plate 30.</b> Diuktai culture of the Late Palaeolithic .....	83
<b>Plate 31.</b> Diuktai culture of the Late Palaeolithic .....	84
<b>Plate 32.</b> Diuktai culture of the Late Palaeolithic .....	84
<b>Plate 33.</b> Diuktai culture of the Late Palaeolithic .....	85

## Latest Paleolithic Artifacts

<b>Plate 34.</b> Sumnagin culture of the Latest Palaeolithic.....	86
<b>Plate 35.</b> Sumnagin culture of the Latest Palaeolithic.....	86
<b>Plate 36.</b> Sumnagin culture of the Latest Palaeolithic.....	87
<b>Plate 37.</b> Sumnagin culture of the Latest Palaeolithic.....	87
<b>Plate 38.</b> Sumnagin culture of the Latest Palaeolithic.....	88
<b>Plate 39.</b> Sumnagin culture of the Latest Palaeolithic.....	88
<b>Plate 40.</b> Sumnagin culture of the Latest Palaeolithic.....	89