
CONTENTS

| | |
|--|------|
| Contributors | vii |
| Figures | ix |
| Tables | xi |
| Abbreviations and sigla | xiii |
| Preface by Augusta McMahon | xvii |
| | |
| <i>Chapter 1</i> Introduction: encountering animals in the ancient Near East | 1 |
| LAERKE RECHT & CHRISTINA TSOUPAROPOULOU | |
| Animal agency and human-animal interactions | 2 |
| Animals in ritual and cult | 3 |
| Blurred lines: humans as animal, animals as humans | 4 |
| Managing animals | 5 |
| Animals in society and as a resource | 5 |
| Symbols of power: birds | 7 |
| Companions and working animals: equids and dogs | 8 |
| Avenues for future research | 9 |
| | |
| Part I Animal agency and human–animal interactions | |
| <i>Chapter 2</i> Animal agents in Sumerian literature | 15 |
| LORENZO VERDERAME | |
| The Fox in <i>Enki and Ninhursaĝa</i> | 15 |
| Dumuzi and the Fly | 16 |
| Lugalbanda and Anzu | 17 |
| Ninurta and the Anzu’s chick | 18 |
| Inanna, Šukaletuda, and the Raven | 18 |
| Conclusions: magical helpers and the metamorphosis human-animal | 19 |
| | |
| <i>Chapter 3</i> Canines from inside and outside the city: of dogs, foxes and wolves in conceptual spaces in Sumero-Akkadian texts | 23 |
| ANDRÉA VILELA | |
| Canines from the ‘inside’: dogs | 23 |
| Canines from the ‘in-between’: stray dogs | 25 |
| Canines from the outside: wolves and foxes | 26 |
| Conclusion | 28 |
| | |
| <i>Chapter 4</i> A human–animal studies approach to cats and dogs in ancient Egypt: evidence from mummies, iconography and epigraphy | 31 |
| MARINA FADUM & CARINA GRUBER | |
| Human–cat relationships in ancient Egypt: the cat as an animal mummy | 31 |
| Human–canine relationships in ancient Egypt: the dog as companion animal | 33 |
| Conclusion | 34 |
| | |
| Part II Animals in ritual and cult | |
| <i>Chapter 5</i> Encountered animals and embedded meaning: the ritual and roadside fauna of second millennium Anatolia | 39 |
| NEIL ERSKINE | |
| Deleuze, Guattari, and reconstructing ancient understanding | 39 |
| Landscape, religion, and putting meaning in place | 40 |
| Creatures, cult, and creating meaning | 41 |
| Folding animals in ritual | 41 |
| Bulls, boars, birds | 42 |
| Folding animals on the road | 44 |
| Human–animal interactions | 46 |
| Conclusion | 49 |

| | | |
|-------------------|---|-----|
| <i>Chapter 6</i> | The dogs of the healing goddess Gula in the archaeological and textual record of ancient Mesopotamia | 55 |
| | SERAINA NETT | |
| | The dogs of Gula in Mesopotamian art | 55 |
| | The Isin dog cemetery | 56 |
| | The dogs of Gula in Ur III documentary sources | 59 |
| | Conclusion | 60 |
| <i>Chapter 7</i> | Between sacred and profane: human–animal relationships at Abu Tbeirah (southern Iraq) in the third millennium BC | 63 |
| | FRANCESCA ALHAIQUE, LICIA ROMANO & FRANCO D’AGOSTINO | |
| | Materials and methods | 63 |
| | Faunal assemblage from Area 1 | 63 |
| | The faunal assemblage from Grave 100 Area 2 | 66 |
| | Discussion on dog findings | 68 |
| | Discussion on equid findings | 69 |
| | Discussion on aquatic taxa | 70 |
| | General conclusions | 72 |
| Part III | Blurred lines: humans as animals, animals as humans | |
| <i>Chapter 8</i> | Dog-men, bear-men, and the others: men acting as animals in Hittite festival texts | 79 |
| | ALICE MOUTON | |
| | What did the animal-men look like? | 79 |
| | The social status of the animal-men | 81 |
| | The animal-men’s actions | 83 |
| | Men impersonating animals in rituals | 87 |
| | Conclusions | 87 |
| <i>Chapter 9</i> | The fox in ancient Mesopotamia: from physical characteristics to anthropomorphized literary figure | 95 |
| | SZILVIA SÖVEGJÁRTÓ | |
| | Descriptions of physical and behavioural characteristics of the fox | 95 |
| | The fox as anthropomorphized literary figure | 97 |
| | The fox in the animal world | 97 |
| | The fox and the divine sphere | 99 |
| | The character of the fox as a reflection of human nature | 100 |
| <i>Chapter 10</i> | Animal names in Semitic toponyms | 103 |
| | HEKMAT DIRBAS | |
| | Cuneiform sources | 103 |
| | Ugaritic | 105 |
| | Biblical Hebrew | 105 |
| | Arabic | 106 |
| | Concluding remarks | 109 |
| <i>Chapter 11</i> | The king as a fierce lion and a lion hunter: the ambivalent relationship between the king and the lion in Mesopotamia | 113 |
| | CHIKAKO E. WATANABE | |
| | The association between the king and the lion | 113 |
| | Royal lion hunt | 115 |
| | Symbolic mechanism | 118 |

| | | | |
|-------------------|--|---|-----|
| Part IV | | Managing animals | |
| <i>Chapter 12</i> | An abstract Agent-Based Model (ABM) for herd movement in the Khabur Basin, the Jazira | | 125 |
| | TUNA KALAYCI & JOHN WAINWRIGHT | | |
| | Herd animals as geo-agents of landscape transformation | | 128 |
| | Methodology | | 130 |
| | Results | | 134 |
| | Conclusions | | 135 |
| <i>Chapter 13</i> | An ox by any other name: castration, control, and male cattle terminology in the Neo-Babylonian period | | 139 |
| | MICHAEL KOZUH | | |
| | Anthropology and terminology | | 139 |
| | Cattle castration and Babylonian terminology | | 140 |
| | An ox by any other name | | 141 |
| | Terminology and ritual purity | | 142 |
| <i>Chapter 14</i> | What was eating the harvest? Ancient Egyptian crop pests and their control | | 147 |
| | MALWINA BRACHMAŃSKA | | |
| | Ancient Egyptian crop pests | | 147 |
| | Ancient Egyptian pest control | | 151 |
| Part V | | Animals in society and as a resource | |
| <i>Chapter 15</i> | Stews, ewes, and social cues: commoner diets at Neo-Assyrian Tušhan | | 161 |
| | TINA L. GREENFIELD & TIMOTHY MATNEY | | |
| | Background | | 161 |
| | Textual sources of evidence for peasant household economy and diet | | 163 |
| | Zooarchaeological data on commoner households from Tušhan | | 164 |
| | Model building: assumptions about the status of food sources | | 166 |
| | Datasets: faunal consumption and disposal patterns | | 167 |
| | Body portions of domesticated sheep/goat (<i>Ovis/Capra</i>) and status | | 171 |
| | The distribution of wild resources | | 172 |
| | Discussion: elite and commoner diets | | 174 |
| <i>Chapter 16</i> | A new look at eels and their use in Mesopotamian medicine | | 179 |
| | TROELS PANK ARBØLL | | |
| | <i>Kuppû</i> in cuneiform sources | | 179 |
| | Medical uses of the <i>kuppû</i> -eel | | 180 |
| | Identifying the <i>kuppû</i> -eel | | 182 |
| | Conclusion | | 184 |
| | Appendix 1: Editions of prescriptions utilizing the <i>kuppû</i> -eel | | 184 |
| <i>Chapter 17</i> | Wild fauna in Upper Mesopotamia in the fourth and third millennia BC | | 193 |
| | ANNE DEVILLERS | | |
| | Introduction | | 193 |
| | The iconographic corpus | | 193 |
| | The archaeozoological record | | 199 |
| | A hypothetical potential fauna constructed through predictive niche evaluation | | 200 |
| | Conclusions | | 201 |
| Part VI | | Symbols of power: birds | |
| <i>Chapter 18</i> | Waterfowl imagery in the material culture of the late second millennium BC Southern Levant | | 207 |
| | BEN GREET | | |
| | The material | | 207 |
| | Religious symbols | | 214 |
| | Elite markers | | 216 |
| | Conclusion | | 217 |

| | | |
|-------------------|--|-----|
| <i>Chapter 19</i> | Ducks, geese and swans: <i>Anatidae</i> in Mesopotamian iconography and texts | 221 |
| | LAURA BATTINI | |
| | Difficulties of the research | 221 |
| | <i>Anatidae</i> in the natural world | 224 |
| | <i>Anatidae</i> in the human world | 226 |
| | <i>Anatidae</i> in the divine world | 228 |
| | Conclusions | 229 |
| <i>Chapter 20</i> | Wild ostriches: a valuable animal in ancient Mesopotamia | 235 |
| | OLGA V. POPOVA & LOUISE QUILLIEN | |
| | Ostriches and royal ideology | 236 |
| | The use of the animal and its by-products at royal courts | 241 |
| | Conclusion | 243 |
| Part VII | Companions and working animals: equids and dogs | |
| <i>Chapter 21</i> | Face to face with working donkeys in Mesopotamia: insights from modern development studies | 249 |
| | JILL GOULDER | |
| | Donkey-mindedness | 249 |
| | Modern studies | 250 |
| | Breeding and supply | 252 |
| | Hiring and lending | 253 |
| | The role of person-to-person dissemination | 254 |
| | Short-distance transportation | 254 |
| | Transforming women's lives? | 257 |
| | And finally, ploughing | 258 |
| | Summing up | 259 |
| <i>Chapter 22</i> | Sacred and the profane: donkey burial and consumption at Early Bronze Tell eṣ-Şâfi/Gath | 263 |
| | HASKEL J. GREENFIELD, JON ROSS, TINA L. GREENFIELD & AREN M. MAEIR | |
| | Tell eṣ-Şâfi/Gath | 263 |
| | The Early Bronze occupation at Area E | 264 |
| | The sacred asses of Tell eṣ-Şâfi/Gath | 267 |
| | The profane asses of Tell eṣ-Şâfi/Gath | 269 |
| | Conclusions | 274 |
| <i>Chapter 23</i> | Dogs and equids in war in third millennium BC Mesopotamia | 279 |
| | CHRISTINA TSOUPAROPOULOU & LAERKE RECHT | |
| | Symmetrical relation: companionship | 279 |
| | Asymmetrical relation: dog eat equid | 284 |
| | Conclusion | 287 |