



Biology, medicine, and surgery of elephants [

Fowler, Murray E.
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Monografía

Elephants are possibly the most well-known members of the animal kingdom. The enormous size, unusual anatomy, and longevity of elephants have fascinated humans for millenia. Biology, Medicine, and Surgery of Elephants serves as a comprehensive text on elephant medicine and surgery. Based on the expertise of 36 scientists and clinical veterinarians, this volume covers biology, husbandry, veterinary medicine and surgery of the elephant as known today.* Written by the foremost experts in the field* Comprehensively covers both Asian and African elephants* Complete with taxo

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Contenido: Contents; Appendices; Contributors; Acknowledgments; Introduction; 1. Taxonomy, Classification, History, and Evolution of Elephants; 2. Elephants in Captivity; 3. Laws and Legislation; 4. Behavior and Social Life; 5. Husbandry; 6. Nutrition; 7. Preventive Health Care and Physical Examination; 8. Physical Restraint and Handling; 9. Chemical Restraint and General Anesthesia; Section I: Chemical Restraint; Section II: General Anesthesia; 10. Surgery and Surgical Conditions; 11. Infectious Diseases; 12. Parasitology; 13. Antemortem Diagnostics; Section I: General Techniques; Section II: Radiology 14. Postmortem Diagnostics 15. Therapeutics; 16. Neonatal Care and Hand Rearing; 17. Multisystem Disorders; 18. Integument System; 19. Musculoskeletal System; 20. Foot Disorders; 21. Respiratory System; 22. Digestive System; 23. Endocrine and Immune Systems; 24. Cardiovascular System; 25. Hemolymphatic System; 26. Reproductive System; 27. Reproductive and Diagnostic Ultrasonography; 28. Reproductive Endocrinology; 29. Urinary System; 30. Nervous System; 31. Special Senses; 32. Chemical, Tactile, and Taste Sensory Systems; 33. Toxicology; 34. Zoonoses and Human Injury

35. Veterinary Problems of Geographical Concern Introduction; Section I Africa; Section II India; Section III Indochina and Bangladesh; Section IV Indonesia; Section V Malaysia; Section VI Myanmar; Section VII Nepal; Section VIII Sri Lanka; 36. Conservation; Appendix 1. Abbreviations Used in This Book; Appendix 2. Measurement Conversion Tables; Appendix 3. Sources for Agents Used in Sedating, Tranquilizing, Immobilizing, and Anesthetizing Elephants; Appendix 4. Toxicology Terms, Abbreviations, and Equivalents; Appendix 5. Elephant Vital Signs and Physiological Parameters Appendix 6. Glossary of Terms Associated with Elephant Feet Appendix 7. Weight Conversion Chart for Asian Elephants; Appendix 8. Conversion Between Conventional and SI Units, Hematology; Appendix 9. Conversion Between Conventional and SI Units, Blood and Fluid Chemistry; Appendix 10. AZA Standards for Elephant Management and Care; Appendix 11. Guidelines for Elephant Management and Care (EMA); Appendix 12. Guidelines for Comprehensive Elephant Health Monitoring Program (AZA/SSP); Appendix 13. Quarantine Guidelines for Elephants (AZA/SSP) Appendix 14. Recommended Elephant Preshipment Guidelines (AZA/SSP) Appendix 15. Transport Guidelines for Elephants (AZA/SSP); Index

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