#### **TABLE OF CONTENTS**

Preface

Acknowledgments

# **Section 1 Basics for Clinical Veterinary Ophthalmology**

1 Development and Morphology of the Eye and Adnexa

Section I: Development of the Eye and Adnexa

Section II: Morphology of the Eye and Adnexa

2 Ophthalmic Physiology and Vision

Section I: Physiology of the Eye

3 Ocular Pharmacology and Therapeutics

Section I: Ocular Drug Delivery

**Section 2 Ocular Exam and Imaging** 

4 Eye Examination and Diagnostics

**Section 3 Canine Ophthalmology** 

**5 Canine Orbit: Disease and Surgery** 

6 Canine Eyelids: Disease and Surgery

7 Canine Nasolacrimal and Lacrimal Systems: Disease and Surgery

Section I: Nasolacrimal Duct System

8 Canine Conjunctivae and Nictitating Membrane: Disease and Surgery

9 Canine Cornea and Sclera: Diseases and Surgery

10 The Canine Glaucomas

11 Canine Anterior Uvea: Diseases and Surgery

12 Canine Cataracts, Lens Luxations, and Surgery

Section I: Cataracts -- Clinical Findings

Section II: Cataract Surgery

#### 13 Diseases and Surgery of the Canine Posterior Segment

Section I: Diseases and Surgery of the Canine Vitreous

Section II: Diseases of the Canine Ocular Fundus

Section III: Surgery of the Canine Posterior Segment

Section IV: Optic Nerve

### **Section 4 Special Species**

14 Feline Ophthalmology

15 Equine Ophthalmology

16 Food and Fiber Animal Ophthalmology

17 Exotic Animals: Ophthalmic Diseases and Surgery

## **Section 5 Ophthalmic and Systemic Diseases**

18 Neuro-ophthalmology

19 Ocular Manifestations of Systemic Disease

Section I: Dogs

Section II: Cats

Section III: Horses

Section IV: Food Animals

Glossary

Appendix A Inherited Ophthalmic Diseases in the Dog

Appendix B Inherited Eye Diseases in the Cat

Appendix C Inherited Eye Diseases in the Horse

Appendix D Inherited Eye Diseases in Production Animals

Appendix E Lysosomal Storage Diseases in the Dog, Cat, and Food Animals

Index.