

TABLE OF CONTENTS

Veterinary Parasitology, 5th Edition

Preface to the Fifth Edition

Acknowledgements

Introduction

Taxonomic Tables

Part 1: Parasites and infection

1 Veterinary helminthology 1

Helminthology 1

2 Veterinary protozoology 138

3 Veterinary entomology 216

4 Laboratory diagnosis and identification 323

Helminth infections 323

Protozoal infections 348

Ectoparasites 357

Chemicals and solutions 377

5 Antiparasitics and resistance 379

Anthelmintics 379

Antiprotozoals 385

Ectoparasiticides: insecticides and acaricides 390

Parasiticide resistance 395

6 Innate and acquired resistance, vaccines and alternative approaches to parasite management 399

Innate resistance to parasitic infection 399

Acquired immunity to helminth infections 400

Acquired immunity to protozoal infections 403

Acquired immunity to arthropod infestations 403

Vaccines 404

Non- chemical control 407

7 Epidemiology of parasitic disease and the environmental impacts of its management 411

The epidemiology of parasitic disease 411

Environmental impacts of parasite treatment 417

Part 2: Clinical parasitic disease and treatment

8 Parasites of cattle 419

Endoparasites 419

Ectoparasites 468

Cattle parasite checklist 483

9 Parasites of sheep and goats 488

Endoparasites 488

Ectoparasites 529

Sheep parasite checklist 539

Goat parasite checklist 543

10 Parasites of horses 547

Endoparasites 547

Ectoparasites 568

Horse parasite checklist 573

11 Parasites of pigs 577

Endoparasites 577

Ectoparasites 593

Pig parasite checklist 597

12 Parasites of dogs and cats 600

Endoparasites 600

Ectoparasites 646

Dog parasite checklist 658

Cat parasite checklist 662

13 Parasites of poultry and gamebirds 666

Endoparasites 666

Ectoparasites 698

Hemiptera 698

Chicken parasite checklist 705

Turkey parasite checklist 709

Duck parasite checklist 712

Goose parasite checklist 715

Pheasant parasite checklist 717

Partridge parasite checklist 719

Quail parasite checklist 721

Guinea fowl parasite checklist 723

14 Parasites of ungulates 724

Deer 724

Llamas, Alpacas, Guanacos, vicuñas 740

Water buffalo 744

Deer parasite checklist 749

Camel parasite checklist 753

Camelids parasite checklist 756

Buffalo parasite checklist 759

15 Parasites of laboratory animals 761

Rabbits 761

Guinea pigs 773

Rats and mice 776

Primates 784

Rabbit parasite checklist 801

Guinea pig parasite checklist 803

Rat parasite checklist 804

Mouse parasite checklist 806

Primate parasite checklist 808

16 Parasites of exotics 815

Pigeons 815

Ratites (ostrich, Rhea, emu) 820

Reptiles 823

Pigeon parasite checklist 830

Ratite parasite checklist 833

Reptiles parasites checklist 836

Glossary 837

References and further reading 841

Index 844.