Observing Animal Behaviour
Marian Stamp Dawkins

This book introduces the power of observation prior to, and sometimes instead of, experimental manipulation in the study of animal behaviour. It starts with simple methods suitable for student projects, before going on to demonstrate the possibilities that now exist for far more sophisticated analyses of observational data. At a time when animal welfare considerations are attracting political as well as scientific debate, the potential for non-intrusive studies on animals is being increasingly recognized. Observation emerges as a valuable alternative approach, often yielding highly informative results in situations (such as in zoos, on farms, or for wild animals) where more invasive experimental techniques would be undesirable, unethical, or just plain impossible. However, to justify its place alongside experimentation as a rigorous scientific method, observation needs to be just as disciplined and systematic, and have just as much attention paid to project design in the way that observations are made and recorded. The book travels through all these stages, from the initial observations, to the formulation of hypotheses, and their subsequent testing with further systematic observations.

Animal welfare: Philosophy meets science
Larry Carbone

This chapter presents select influential philosophical approaches to animal welfare, to see how they have and how they could enlighten animal welfare policy. Topics discussed include the concept of
speciesism, animal minds and animal ethics, “marginal cases” illuminate philosophers' reasoning, and cost and benefit analysis in animal research ethics.

What Animals Want
Larry Carbone

Published in print: 2004 Published Online: September 2007
Item type: book

This book presents a history of animal rights. It brings a novel, sociological perspective to an area that has been addressed largely from a philosophical perspective, or from the entrenched positions of highly committed advocates of a particular position in the debate. This book is about the people who would speak for animals in laboratories. On the one hand, people vie to speak on animals' behalf in the policy arena, to advocate for them in a forum in which they have no direct voice. Animal protectionists are immediately obvious in this role, but so are veterinarians, other animal care professionals, and many scientists. On the other hand, speaking for animals means interpreting them, translating their animal minds into human language; it's a claim of expertise and knowledge rather than commitment and advocacy. But the two are intimately intertwined, and many of the policy debates examined in this book are about these two ways of speaking for animals. This book is offered to those who are hoping for some sort of balance that promotes animal welfare and biomedical progress, not platitudes or irrelevant rules with no real impact in animals' lives.

Introduction: What animals want
Larry Carbone

in What Animals Want: Expertise and Advocacy in Laboratory Animal Welfare Policy

Published in print: 2004 Published Online: September 2007
Item type: chapter

This introductory chapter begins with a description of the goal of the book, which is to understand efforts over the past few decades to establish and maintain standards of animal welfare for animals, in pursuit of improved lives for future animals. Social theory and animal welfare science, and current trends in laboratory animal welfare policy are discussed.
Life in the animal laboratory
Larry Carbone

This chapter presents a behind-the-scenes tour of an animal laboratory. It describes what an animal experiment is, what kinds of animals are in laboratories, who the people who work in animal laboratories are, and what regulations they operate under.

The animal advocates
Larry Carbone

This chapter examines the interplay of expertise and advocacy in animal welfare policy-making: does expertise lead automatically to advocacy? Does advocacy require expertise? Should there be a special advocacy or accountability role for veterinarians that goes beyond doctoring the animals? As veterinarians, protectionists, and research advocates debated these questions with the USDA regulations writers, the animals themselves and controversial questions of who knew what was best for them were often lost in the cross fire.

A rat is a pig: The significance of species
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A rat is a pig: The significance of species
Larry Carbone
This chapter discusses the significance of animal species in laboratory animal policy debates. Various species have one or more different identities in our society — the faithful dog, the intelligent but untamed monkeys, the small defenseless mouse cum vermin — that have played into anti-and pro-vivisection propaganda. It is argued that different species identities, a blend of real facts about the animals as well as our cultural constructs, fit better or worse with shifting moral philosophies of rights, contractarian reciprocity, or feminist ethics of care.

** Governing Animals **
Kimberly K. Smith

Published in print: 2012 Published Online: September 2012
Publisher: Oxford University Press
Item type: book

What is the role of government in protecting animal welfare? What principles should policy makers draw on as they try to balance animal welfare against human liberty? Much has been written in recent years on our moral duties toward animals, but scholars and activists alike have neglected the important question of how far the state may go to enforce those duties. This book fills that gap by exploring how liberal political principles apply to animal welfare policy. Focusing on animal welfare in the United States, the book argues that some animals (most prominently pets and livestock) may be considered members of the liberal social contract. That conclusion justifies limited state intervention to defend their welfare—even when such intervention may harm human citizens. The book also examines such questions as whether citizens may enjoy property rights in animals, what those rights entail, how animals may be represented in our political and legal institutions, and what strategies for reform are most compatible with liberal principles. More generally, this study asks, what sort of liberalism is suitable for the twenty-first-century United States? It argues that investigating the political morality of our treatment of animals gives us insight into how to design institutions that protect the most vulnerable members of our society, thus making of our shared world a more fitting home for both humans and the nonhumans to which we are so deeply connected.
Dog walkers and monkey psychiatrists
Larry Carbone

in What Animals Want: Expertise and Advocacy in Laboratory Animal Welfare Policy

Claiming a billion-dollar price tag for compliance, the biomedical research community reacted forcefully to two new provisions of the 1985 Animal Welfare Act amendment calling for exercise programs for dogs and for maintenance of the psychological well-being of primates. This chapter reviews this history, including a look at the scientific studies of dog exercise that were deployed to allay expensive exercise regulations, as veterinarian-scientists fought an uphill battle in convincing the USDA that despite what “everyone knows” about dogs, they neither need nor choose more exercise than what they can get living alone in a small cage.

The problem of pain
Larry Carbone

Pain management might be seen as the expertise of veterinarians, but within the laboratories it is part of research methodology — the scientists' autonomous domain of animal use. This chapter describes how pain became the driving wedge that eroded the care/use jurisdictional divide between veterinarians and scientists and opened the door to greatly expanded regulation in the 1980s. Topics covered include the political history of pain, the Improved Standards for Laboratory Animals, two core beliefs fueling the drive of animal protectionists for stricter regulation, and a primer on animal pain.
The ultimate goal in animal experimentation is not necessarily to eliminate all experiments, but rather to establish a benign ethic for its practice. An interim ethic is described, which includes changes in current animal legislation, specifically with regard to the Animal Welfare Act. Paying attention to animal husbandry conditions and utilizing preference tests can go a long way in establishing a more humane practice of animal experimentation. Finally, the idea of pet keeping is offered as a model for treating experimental animals much as we would pets. The result would be a movement away from simply an instrumental and often harmful use of animals, to one which is based on the intrinsic value of animals.

Performance standards: How big is your guinea pig's house?
Larry Carbone

This chapter examines debates about cage-size regulations, both for how they illustrate the standards issue and because they have caused such a prominent controversy over several decades of animal care policy. Topics discussed include performance standards in animal welfare policy, defining standards in animal housing, and alternative performance standards.
This book explores the legal and political issues that underlie the campaign for animal rights and the opposition to it. Addressing ethical questions about ownership, protection against unjustified suffering, and the ability of animals to make their own choices free from human control, its chapters offer numerous different perspectives on animal rights and animal welfare. They show that whatever one's ultimate conclusions, the relationship between human beings and nonhuman animals is being fundamentally rethought. The book offers a modern treatment of that rethinking.

Contracts
Kimberly K. Smith
in Governing Animals: Animal Welfare and the Liberal State
Published in print: 2012 Published Online: September 2012
Item type: chapter
Publisher: Oxford University Press DOI: 10.1093/acprof:oso/9780199895755.003.0002
This chapter addresses whether a liberal government may legitimately enforce our moral duties to animals, given the liberal principle of limited government. Liberal theory teaches that the purpose of the government is limited to protect human freedom and welfare, which means that the state may not enforce the full range of private moral duties but only those that affect the liberty of other humans. This chapter argues that this understanding of the ends of liberal government is too narrow. It asserts that most animal welfare protections can be justified, because some animals may be considered members of the liberal social contract. Specifically, a liberal government may protect the welfare of animals with whom we have extensive social relationships, including, prominently, pets and livestock, even if such protection limits human freedom.

Death by decapitation: A case study
Larry Carbone
in What Animals Want: Expertise and Advocacy in Laboratory Animal Welfare Policy
Published in print: 2004 Published Online: September 2007
Item type: chapter
Publisher: Oxford University Press DOI: 10.1093/acprof:oso/9780195161960.003.0009
This chapter presents a case study of one hotly contested but largely unseen controversy: whether a particular method of killing rats — decapitation in a table-top guillotine — inflicts excruciatingly intense
or totally negligible pain. It discusses how scientists and veterinarians in this controversy vie to determine how much conscious perception of pain animals experience during or subsequent to this technique. It also considers why pain is the high-priority question in the first place when animal's lives are at stake.

Introduction
Cass R. Sunstein

in Animal Rights: Current Debates and New Directions
Published in print: 2005 Published Online: March 2012
DOI: 10.1093/acprof:oso/9780195305104.003.0001

This introductory chapter explores the concept of animal rights. It shows the range of possible positions concerning the animal rights issue and explores what issues, of theory or fact, separate reasonable people. The chapter claims that in at least some sense, almost everyone believes in animal rights, and that the real question is about what the phrase ‘animal rights’ actually means. It discusses the provisions of some state laws concerning animal rights, and the difference between animal rights and animal welfare. The introduction also explains the objectives of this book, which are to bring some new clarity to the animal rights debate, and to chart some new directions for both practice and theory.

Trials
Kimberly K. Smith

in Governing Animals: Animal Welfare and the Liberal State
Published in print: 2012 Published Online: September 2012
DOI: 10.1093/acprof:oso/9780199895755.003.0001

This chapter offers an overview of the relationship between animals and the development of the American welfare state. It critiques the theory of “ethical extensionism,” which asserts that the contemporary animal welfare movement is the result of a natural expansion of our sphere of moral concern. This chapter argues instead that the ethics of our relations with animals change in conjunction with changes in the social, intellectual, and institutional context in which those relations unfold. Specifically, it asserts the animal welfare movement grew out of the expansion of the liberal welfare state. This expansion generated a new set of questions about the political community’s relationship to animals,
and these questions require us to develop a liberal public philosophy consistent with the moral and social status of animals.

Animal Rights and the Values of Nonhuman Life
Elizabeth Anderson

in Animal Rights: Current Debates and New Directions
Published in print: 2005 Published Online: March 2012

This chapter examines some of the tensions among animal welfare, animal rights, and environmental protection ethics. It explains that while animal rights advocates object to animal experimentation, this practice is acceptable to those who believe in animal welfare. The chapter shows that those who believe in environmental ethics might support the hunting of deer and rabbits when this is necessary to protect ecological well-being. It proposes an alternative approach to understanding the evaluative claims of the three perspectives, called rational attitude theory of value.

A look to the future
Larry Carbone

in What Animals Want: Expertise and Advocacy in Laboratory Animal Welfare Policy
Published in print: 2004 Published Online: September 2007

This chapter looks to a future when animal research ends. It asks how our children's children will judge what we did in our laboratories. Until they are all finally liberated, what goals should we have for the animals? More than ever, laboratory animal medicine is becoming mouse medicine, with the welfare challenge for veterinarians of treating hordes of tiny near-identical subjects as individual, sensitive patients with lives of their own. One must believe that we can succeed in this to justify the work done in animal laboratories.
Nature of the Problem
Donna Yarri


Published in print: 2005 Published Online: July 2005
Publisher: Oxford University Press
DOI: 10.1093/0195181794.003.0002
Item type: chapter

This chapter examines the factual situation with regard to animal experimentation. It includes information on the important definitions, as well as the prevalence of the practice, the type and number of animals used, the different types of research typically performed on animals, and animal legislation in place to protect them. The Animal Welfare Act is presented, along with its various amendments throughout the years.