Animal Experiments
(Revised)

Just as natural rights have been claimed for humanity, animal rights have been claimed by lobby groups as a reason to ban animal experiments. Animal rights groups have sought to make their views known through various methods from traditional lobbying, demonstrations and protests to, in a minority of cases, extreme methods such as parcel bombs.

The protests against Huntingdon Life Sciences in particular have proved a focal point in the public debate on animal rights and the use of animals in scientific experimentation. Animal rights protests and the use of both innovative and violent measures have resulted in new legislation.

This paper explores the use of animals in experiments, the animal rights activism and the current law regarding the conduct of protests and harassment.
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Summary of main points

Animal rights campaigners claim that the use of animals in scientific experiments has become less acceptable to an ever-greater number of people, however opinion poll data have not been able to decisively prove this point. There is poll evidence to suggest substantial opposition to all animal experiments involving any pain or suffering. Under UK legislation, experiments have to be licensed if they are liable to cause ‘pain, suffering, distress or lasting harm to the animals – around 2.7 million experiments a year fall into this category. It is clear, however, that those opposed have become more vociferous and organised in their opposition. This has resulted in many establishments associated with this kind of activity being targeted by protesters; some of which have closed down.

Anti-animal experiment protesters have ensured the issue has received extensive coverage in newspapers and by commentators, and the question of the rights and wrongs of animal experiments have been increasingly subject to public scrutiny.

Over time, the tactics used by those protesters involved in direct action have evolved. Some factions have taken extreme actions against those people involved in animal experimentation. Mainstream campaigners condemn such actions as wrong but complain that it is harder for mainstream views to get their voice heard in the media. Others have taken a finance-oriented approach that would appear to have had unprecedented success. Huntingdon Life Sciences has been the main focus for much of the recent protests. The combination of violent attacks and targeting of the company’s financial support pushed it to the brink of bankruptcy.

The Government has responded to the developing tactics of animal rights protesters by looking at how existing legislation might be more effectively utilised while introducing new measures through the *Criminal Justice and Police Act 2001*. 
I Animal Experiments

On the topic of animal experimentation, the RSPCA believe that sufficient knowledge is available, and the debate on animal experimentation has already progressed to the point, where to inform and develop a constructive way forward it can be assumed that:

- Animals are capable of nociception\(^1\) and of experiencing pain, as recognised within animal protection legislation. Many people, particularly animal welfarists in academia, industry and animal protection organisations, believe that animals should be given the ‘benefit of the doubt’ and assumed to be capable of suffering.

- Animals experience psychological stress and distress if they are unable to cope with inappropriate environments or procedures.

- Animals are regarded by many to have intrinsic worth, such that they should not be viewed simply as means to human ends. This is generally interpreted in practice to mean that the impact of harmful practices and procedures should be minimised and that animal lives should not be wasted.

- Absolute statements about the scientific validity/invalidity of, or justification for, animal experiments are not constructive in that they deflect attention and debate away from the very real dilemmas associated with the many different areas of animal use. Judgements on scientific validity, necessity and justification can only be made on a case-by-case basis.

- There is a serious conflict of interests between scientific studies and the individual animals used in experiments. The use of animals in research and testing is thus a fundamental ethical dilemma that can and should be reduced by fully implementing the principles contained in the Three Rs of Reduction, Refinement and Replacement. The Home Office (HO) Inspectorate and the local Ethical Review Process (ERP) both play vital and complementary roles in this respect.\(^2\)

A. Animal Rights in the UK

The concept of animal rights is one not accepted by all groups of society. In the opinion of animal activists, however, such rights are inevitable, at least to the extent of preventing humans deliberately causing suffering to animals for their own ends. Many animal groups present themselves as animal rights organisations without explicitly stating what they believe animal rights to entail or how far they should be extended. For the purposes of this paper and simplicity, all animal organisations that campaign for the betterment of animal welfare,

\(^1\) Nociception is the term commonly used by specialists to refer to the perception of pain. The receptors involved in pain detection are referred to as nociceptors - receptors for noxious stimuli.

\(^2\) RSPCA Parliamentary Briefing on Animal Experiments, June 2001
whether under the title of animal rights or animal welfare, will be considered animal rights organisations.

It is probably impossible to identify the beginning of the animal rights movement. The establishment, in 1824, of the Royal Society for the Prevention of Cruelty to Animals (RSPCA) as an animal welfare organisation is probably as good a place as any for the UK. This was the first organisation established to protect animals against the needs, or desires, of humanity. Indeed, it has been speculated that the respect the organisation has today was probably not a feature of its early days:

When first founded, the RSPCA and ASPCA [American Society for the Prevention of Cruelty to Animals] were radical groups, far ahead of public opinion of their times, and opposed to all forms of cruelty to animals…³

As the gap closed between the goals of the organisation and prevailing public sympathies the organisation inevitably became more associated with the establishment than its radical beginnings. The RSPCA is now probably the most ‘establishment’ of animal rights groups. As such, and reflecting the level of public support in charity donations, the RSPCA presents its opinions supported by many well-qualified people that smaller animal organisations could not afford to employ. Even the society, during the preliminaries to the Hunting Bill⁴ of 2000/01, had to go to court to defend its right to bar pro-hunting activists from the organisation before they changed society policy on hunting.⁵ These court struggles show that it is still often difficult for some to accept that a commitment to animal welfare means defending that concept across the board.

The first organisation founded to protest animal experimentation was the Society for the Protection of Animals Liable to Vivisection, started in England in 1875. In 1897, its name was changed to the National Antivivisection Society and a year later spawned the British Union for the Abolition of Vivisection.⁶

B. Scientific discovery and animal welfare

The topic of animal experiments is one that has been brought into greater light in recent times. This is a result of the twin developments of biological sciences and a greater discussion of the concept of natural rights (both human and animal).

The rise of animal rights concerns followed soon after the rise of biological sciences when the great scientific institutions stimulated debate on all strands of philosophical thought. The same minds that debated the hows of biological science were equally applied to the whys of

⁴ http://pubs1.tso.parliament.uk/pa/cm200001/cmbills/002/2001002.htm
⁵ “RSPCA wins right to bar pro-hunting activists”, Guardian, 7 January 2001
the rights of man and the animal kingdom. As our understanding of animal biology has continued to advance, it is important animal welfare concerns also advance in the light of that knowledge.

The institutionalising of animal experiments was accomplished by the requirement that products to be sold should first have their safety thoroughly assessed. This is a principle that few people would argue with: no-one wants to unnecessarily risk their life through the purchase of a new form of pain relief agent. When the safety rules were established one of the most obvious ways of safety testing appeared to be to test it first on animals. Along with modern, alternative test methods, many scientists maintain that testing on animals remains a valuable tool in safety assessment. Opponents to animal testing argue that it represents poor science, often fails the traditional criteria of relevance, reliability and reproducibility and has more than to do with the avoidance of product liability claims than a desire to ensure the safety of products. Animal experimentation is not confined to statutory safety testing and plays an important role in the development stage of drugs and medicines.

Animal testing followed the principle of the miner’s canary. If the canary could survive in the air within the mine then the miner would also be safe. It is doubtful whether canaries actually saved many lives but they certainly would have provided a modicum of peace of mind for the miners. Animal testing may also provide peace of mind but those dangers highlighted through animal testing have rarely proved to be false alarms. Critics, such as BUAV, disagree and cite a body of evidence\(^7\) to substantiate their case. The licensing of medicines and other products requires an assessment of their safety for users and, while not all products are harmless, if the risk of their use has been assessed then users are less likely to suffer unintentional harm. Research on animals does not guarantee safety. To provide the greatest knowledge of the risks in utilising a product before testing on humans then animal experiments, conducted alongside other measures of safety, provide as comprehensive a safety profile as is currently possible. Opponents to animal testing often state that the animal tests add little, if any, useful knowledge to alternatives.

As our knowledge of biology and biological function has improved, there has been an ever-increasing demand that diseases be vanquished and medical conditions rectified. An amazing number of conditions and diseases have proved susceptible to human developed medicines and medical techniques. There is a need, however, to ensure such products and techniques are as safe as possible. The development of animal testing means that there has accumulated a weighty body of knowledge that will be difficult for non-animal alternatives, used on their own, to surpass.

Defenders of animal testing claim that its record has been on the whole successful. There are instances of animal-tested drugs causing problems in humans, the most widely quoted being thalidomide (although there are others). These have often been due to inadequacies of testing protocols used by the laboratory, or stated in law, than of the animal model. If researchers

\(^7\) BUAV submission to House of Lords investigation into Animal testing.
had looked for the effects of thalidomide on foetal development then it is believed by
scientists that the resultant tragedy might have been avoided. Nevertheless, if alternative
models are to successfully replace animal models then they will have to overcome the inertia
of a system generally accepted to be effective. This means that even once the substantial
scientific hurdle of developing satisfactory alternatives to animals has been overcome there
will be an equally substantial political hurdle.

In the meantime, the growth of the demand for new remedies has led to a growth in the
industry that supplies them and a subsidiary growth in the side of the industry that has to
assess their safety. For a company to generate a new product, it has to invest vast sums of
money on speculative research, then on development and then on safety testing before
submitting the product for clinical trials then licensing. In most countries, regulatory safety
requirements demand animal tests: usually over 90% of all experiments carried out by
Huntingdon Life Sciences are to meet regulatory safety. Even if one country, such as the
UK, relaxed the need for animal tests, the economic necessity of selling the product in other
countries might well mean that the tests continued to meet safety requirements in those
countries. Animal campaigners would argue that the UK should accept the economic
consequences of taking an ethical stance and push for better international standards thereby
benefiting laboratory animals globally. BUAV claim that there is no necessary cause and
effect between stopping experiments in one place and their taking place in another.

Pressure exerted by animal rights protesters can be seen to have some success. It is difficult
however to measure whether local successes result in overall animal welfare improvements.
For example, the closure of Europe’s last chimpanzee research laboratory may reflect a
reduction in chimpanzee experiments or simply that such experiments have moved elsewhere
(in this case the USA). The RSPCA believe that action to improve animal welfare should do
just that, not simply move it out of the country.

While it is undoubtedly important to take a moral stance where uses of animals are
unjustifiable and/or more humane alternatives exist, making purely political gestures
that could result in the export of welfare issues and of moral problems is
unacceptable.

The enabling power of the ASPA should be used in a constructive way genuinely to
reduce animal use and suffering on a world-wide basis. This requires appropriate
consultation, research and reflection before taking action in response to political
demands.

8 Personal communication with HLS Public Affairs Office, 10 June 2001
9 Personal Communication with BUAV, June 2001
10 “Europe’s last chimpanzee lab to be disbanded within weeks”, Independent, 1 May 2001
11 Animals (Scientific Procedures) Act 1986
12 RSPCA Parliamentary Briefing on Animal Experiments, June 2001
The Home Office website\textsuperscript{13} indicates the progress that the Government believes to have been made in animal welfare within the context of experimentation. While animal rights campaigners acknowledge that the Government made welcome if somewhat token progress in its early years, they now complain of a lack of initiatives and too much focus on the requirements of research companies.\textsuperscript{14}

There is however a danger in campaigning that the primary focus of the campaign might be lost in the quest for short term achievements. The Stop Huntingdon Animal Cruelty campaign targeted customers of HLS and caused British Biotech to announce that they would no longer place work with HLS.\textsuperscript{15} While this was seen as a victory for the campaign as it hurt HLS, it is unlikely to have advanced animal welfare, at least in the short term. The need for British Biotech, and other similar companies, to continue animal testing has not been removed. Instead, they will have to place their contracts with other institutions, most likely overseas where animal welfare legislation is potentially less strong than the UK: it is certainly less open to scrutiny by the campaigners. Animal rights organisations, through such victories, would hope to utilise the rules of supply and demand to make animal testing increasingly expensive and demand that the UK government take a moral stance rather than an economic one. If an international agreement could be reached regarding animal testing then there would be no danger of exporting jobs, money or expertise.

Scrutiny is an area that campaigners to end animal experiments would like to see very considerably improved in the UK. During the passage of the Freedom of Information Act there was some pressure to make it cover the information given to government by individuals and businesses proposing animal experimentation.\textsuperscript{16} Proper public scrutiny is seen as necessary to eliminate unnecessary and potentially unacceptable experimentation.

The counter-reasoning has been that greater information would make scientists an easier target for extremists and that some information was of commercial importance. The Government has stated that it has the matter under review.\textsuperscript{17} Campaigners believe that basic details of experiments that would not reduce security nor breach overriding commercial confidence could be made available and prevent bad or unnecessary animal experiments from taking place. It is felt that duplication of experimentation is taking place too often.\textsuperscript{18}

\textsuperscript{13} http://www.homeoffice.gov.uk/animact/progress.htm
\textsuperscript{14} Personal Communication with BUAV, June 2001
\textsuperscript{15} “Brit Biotech severs links with HLS”, Financial Times, 31 March 2001
\textsuperscript{17} HC Deb 6 November 2001 c175W
\textsuperscript{18} Personal communication with BUAV
II Why are animals used in experiments?

The use of animals in experiments is outlined in section II C. From there it is possible to see three main categories: fundamental biological research, research and development of medical products or devices (for humans and other animals), and production and breeding of animals with genetic defects and genetically modified characteristics.

The breeding of modified animals and specially bred strains of animals are included in official records even if they are not used in what are typically considered animal experiments, e.g. for animal research purposes. The ethics of deliberately breeding an animal that is destined to suffer an illness is a matter of acute controversy. There is a scientific consensus that such animals do however provide a more effective way of learning about the progress of a condition and the efficacy of retarding treatments than would otherwise be the case.

The research and development of medical products or devices is a category often targeted by animal rights protesters, as it is perceived as a commercial exercise and focussed on the pursuit of profit. There is a common perception that animal experiments are carried out in lieu of alternatives. Most often, they are complemented by a suite of tests that supplement the animal experiments. Animal experiments are a very expensive part of the development of a product: expensive to keep the animals, expensive to hire the scientists and expensive to maintain the necessary security. There is also a high public relations cost. Companies say that, if they could dispense with animal experiments whilst ensuring the safety of their products, they would do so on purely economic grounds. Campaigners complain that conservatism and a bureaucratic ‘tick-box’ mentality ensures that the potential for alternatives is largely untapped. 19

Fundamental research would appear to be the softest of all the categories as it is easy to question the use of animals in experiments for the purpose of curiosity alone. However most of the current benefits enjoyed by humanity have come through understanding gained by fundamental, curiosity driven, research. Few pharmaceutical companies would claim that their directed medicines research could have been achieved in the absence of existing fundamental ‘blue sky’ research. There is, however, an argument that the requirement in the Animals (Scientific Procedures) Act 1986 to demonstrate expected benefits would be contrary to pure curiosity driven animal research.

A. Medicines and Animal Testing

The use of animals in safety testing can probably be traced back to people allowing their animals to drink from newly discovered water sources. The regulation of products that require the use of animals is much more recent than that.

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19 Personal Communication with BUAV, June 2001
Arguably, the first legislation proposed for medicines was in 1860 when a select committee recommended that local authorities be empowered to appoint inspectors to examine food and drugs for evidence of adulteration. The Adulteration Act 1860 that resulted only addressed the adulteration of food. It was not until the Pharmacy Act 1868 that the Adulteration Act 1860 was extended to cover drugs as well as food. At this time however, there was no need to test the safety of the drug for sale, no animal tests were required and subsequent legislation tended to cover economic rather than health issues. The first legislation that included a form of licensing for medicinal products was the Therapeutic Substances Act 1925 which applied to biological substances such as vaccines, sera, toxins, antitoxins, antigens, arsphenamines, insulin, pituitary hormone and surgical sutures. Licensing included inspection of manufacturing sites and record keeping. Labelling requirements were introduced to identify the manufacturer of each batch of material produced. In fact, it was not until 1938 in the US (Food, Drug and Cosmetic Act 1938) and 1968 in the UK (Medicines Act 1968) that there were any statutory requirements imposed on medicine safety. Only after this did statutory safety tests have to be carried out before medicines could be sold on the open market. Safety legislation like this that brought animal testing to the fore and established animal testing as a necessary part of drug sales. The Medicines Act was partly a response to the Thalidomide tragedy of the late 1950s.

There had obviously been animal testing prior to the legislation as drug companies found animal models the most reliable way of deducing efficacy and potential side effects before clinical trials on humans. The introduction of the statutes most probably encouraged a growth in animal testing under the aegis of safety testing. As a result of campaigning by the Society for the Protection of Animals Liable to Vivisection, Britain became the first country to have legal controls on the use of animals in the laboratory: the Cruelty to Animals Act 1876. The law covered only vertebrate animals (mammals, birds, reptiles, fish, and amphibians), with more restrictive provisions on the use of donkeys, horses, mules, dogs, and cats. The law required all experimenters to have permits, and it established guidelines for the kinds of experiments and the way they were performed. This legislation was updated by the Animals (Scientific Procedures) Act 1986 (see section III D).

a. Medicines Act 1968

The Medicines Control Agency is now responsible for the licensing and regulation of medicines in the UK. The agency summarises the current legislative framework as follows:

The control of medicines in the UK is primarily through the system of licensing and conditional exemptions from licensing laid down in EC legislation, the Medicines Act 1968 and in relevant subordinate legislation. This legislation covers inter alia the systems by which licences to manufacture, market, distribute, sell and supply medicinal products are granted by Ministers ("the Licensing Authority") (or, in the new centralised system, by the relevant Community institutions), once they are satisfied about the safety, efficacy and quality of the product.

There are controls also on clinical trials, on the claims which may be made in advertising and other promotion, on quality control, manufacture of unlicensed products and supply of imports. The Authority is also required to monitor the safety
of licensed medicinal products and to take action when adverse effects are recognised.

The Medicines Control Agency (MCA) is accountable to Health and Agriculture Ministers in the UK for the discharge of the functions they exercise collectively or singly as the "Licensing Authority" (LA). Department of Health Ministers are accountable to Parliament on matters concerning human medicines regulation on a UK basis.

The Medicines Act 1968 also set up a statutory advisory body called the Medicines Commission to give advice on matters specified in the Act relating to medicinal products. Under Section 4 of the Act Ministers have also established special advisory committees. The LA may not refuse to grant a marketing authorisation, revoke, vary or suspend it (in the latter case except in an emergency) on grounds relating to safety, quality or efficacy without first consulting the appropriate independent advisory body. The MCA provides the professional assessors and administrative support for these bodies.

The legislation provides a regulatory framework in respect of the safety, quality and efficacy of medicinal products to be sold or supplied or administered to patients. The MCA accordingly discharges, on behalf of Ministers, functions which have been put in place by or as a consequence of EC legislation as well as functions covered purely by domestic law.20

The safety concerns mentioned may indicate animal tests and in certain cases require that animal tests be used: all new medicines require safety tests involving animals. Current UK legislative policy is to avoid animal tests wherever possible utilising the principle of the 3 Rs (replace, reduce, refine) with regard to animal testing. BUAV argue, in a current judicial review against the Government, that it does not apply the principle properly, particularly where international regulators take a different view of the science.21 The requirement to utilise LD50 tests,22 introduced under international obligations for safety requirements, was refined in 1999 when the Government announced that licences would no longer be issued for LD 50 tests if a suitable alternative was available.23 This followed substantial lobbying and a threat of a judicial review by BUAV on the issue.24

BUAV argue that even if animal testing was necessary for safety measures the level of such testing is too high. They believe that there are far more medicines available (and tested on animals) than absolutely necessary, citing the World Health Organisation list of 330 Essential Drugs as evidence that the 22,440 licensed medicinal products in the UK is too many.

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20 http://www.open.gov.uk/mca/aboutagency/regframework/regframework.htm#current
21 Personal Communication with BUAV, June 2001
22 A test where the amount necessary to cause the death of 50% of test animals was determined.
24 http://www.buav.org/pdfs/ld50.pdf
B. Chemicals and Animal Testing

Like medicines, the use of chemicals has been largely unregulated until fairly recent times and there were no statutory requirements for animal tests on chemicals. There had been voluntary codes of practice within the industry but the first legislative requirements on classification and labelling of chemical substances came through the EEC Dangerous Substances Directive\(^{25}\) though BUAV are challenging the currently accepted interpretation of this Directive. There was initially no requirement to conduct animal tests though it is likely that such experiments would have been conducted, in the absence of alternatives, to satisfy safety requirements of the Directive. It was the sixth amendment of the Directive that actually introduced a statutory requirement for animal tests to be carried out:

Annex VI General Classification and Labelling Requirements for Dangerous Substances - Part I

A. Save where otherwise provided in the separate Directives on dangerous preparations, the substances and preparations shall be classified as very toxic, toxic or harmful according to the following criteria: (a) classification as very toxic, toxic or harmful shall be effected by determining the acute toxicity of the commercial substance or preparation in animals, expressed in LD\(_{50}\) or LC\(_{50}\)\(^{26}\) values with the following parameters being taken as reference values…\(^{27}\)

The introduction of the Directive resulted in new substances to be marketed within the Common Market requiring proof that they were safe: some of those safety tests have been conducted on animals. BUAV are currently seeking to establish that the Directive provides only guidelines to national governments. If a suitable alternative is available, Council Regulation 793/93 and Directives 86/609, 67/548 and 98/8 dictate that the alternative can and should be used in preference to animal testing. The scientific debate is likely to rest on strong demonstrations that alternative methods can provide a measure of potential risk equivalent to that believed to be given through animal tests. The legal issue is currently being tested in court through judicial review.\(^{28}\)

The Dangerous Substances Directive was one of the pieces of legislation that the UK had to comply with when it entered the EEC in 1973. However, the first multilateral legislation that


\hspace{1cm}\text{http://europa.eu.int/eur-lex/en/lif/dat/1967/en_367L0548.html}

\(^{26}\) LD\(_{50}\) - the concentration that results in the deaths of 50% of test animals


\hspace{1cm}\text{http://europa.eu.int/eur-lex/en/lif/dat/1979/en_379L0831.html}

\(^{28}\) The Queen on the application of the campaign to end all animal experiments trading as the BUAV v Secretary of State for the Home Department, High Court of Justice, 2001
the UK had to comply with that encouraged the use of animal experiments was concerned with the movement of hazardous wastes.

a. **Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal**

The Recommendations of the United Nations Committee of Experts on the Transport of Dangerous Goods (formulated in 1957 and updated biennially) informed the Basel Convention (1989) and implicitly require that animal experiments be carried out. This is because information on toxicity is required as part of the agreement on the transport of such wastes, as Annex III of the Convention shows:

- **H10. Liberation of toxic gases in contact with air or water**
  - Substances or wastes which, by interaction with air or water, are liable to give off toxic gases in dangerous quantities.
- **H11. Toxic (Delayed or chronic)**
  - Substances or wastes which, if they are inhaled or ingested or if they penetrate the skin, may involve delayed or chronic effects, including carcinogenicity.
- **H12. Ecotoxic**
  - Substances or wastes which if released present or may present immediate or delayed adverse impacts to the environment by means of bioaccumulation and/or toxic effects upon biotic systems.
- **H13. Capable**
  - by any means, after disposal, of yielding another material, e.g., leachate, which possesses any of the characteristics listed above.\(^{29}\)

Researchers argue that in many cases, the only way such information is available is through animal experimentation and thus, an implicit requirement for these experiments through this convention.

b. **Legislation that requires the use of Animal Experiments**

From this limited start, there is now a range of legislation that leads regulatory bodies to require animal experimentation. It would be difficult to compile a comprehensive list of such legislation but the Parliamentary Office of Science and Technology compiled two lists\(^{30}\) that contain the major pieces of UK and EU legislation that do so. The EU legislation covers the following topics:

- Animal Trade
- Animal Nutrition Products
- Veterinary medicinal products
- Proprietary medicinal products
- Classification, packaging and labelling of dangerous substances/preparations
- Food additives
- Cosmetics

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\(^{30}\) based on, POST Report, *The use of animals in research development and testing*, September 1992
The UK legislation is mainly secondary legislation implementing the EU directives with the following major pieces of primary legislation from which some secondary legislation has been spawned such as the Control of Substances Hazardous to Health (COSHH) Regulations. Once again there is some controversy whether legislation actually requires animal tests or is simply a decision taken by government departments.

Medicines Act 1968
Health and Safety at Work Act 1974
Food and Environment Protection Act 1985
Consumer Protection Act 1987
Food Safety Act 1990

Currently the EU is concerned that many chemicals used routinely have never been subject to safety testing and are believed to have health effects. There is a programme in place to test such chemicals (EU Review of active substances) but this has led to protests over the number of animal tests that will be required: at least 50 million according to a report from the Institute of Environment & Health.

There is comprehensive information available from the Pesticide Safety Directorate website about the review and how it is being conducted.

Essentially the review programme was established under the provisions of the Directive 91/414/EEC (implemented in the UK by the Plant Protection Products Regulations 1995). The prime focus of the review is to establish a list of substances used as pesticides or herbicides that can be used without danger to human or animal health. These substances will be listed in an annex to the Directive.

C. Animal Experiments in the UK

Statistics on the number of animal experiments carried out in the UK have for the majority of recent years shown a continually decreasing trend. This is borne out in the statistics presented in this section. However, the RSPCA is concerned that the figures currently mask an increase in the number of procedures carried out on genetically modified animals. They are concerned that in years to come the trend will reverse due to such procedures. In the meantime, they hope that there will be continued reductions in the number of animals used per compound tested and suffering per procedure.  

31 http://europa.eu.int/comm/food/fs/ph_ps/pro/eva/existing/index_en.htm
32 http://www.pesticides.gov.uk
33 http://www.pesticides.gov.uk/ec_process/EC_overview_general/91414background.htm
34 RSPCA Parliamentary Briefing on Animal Experiments, June 2001
BUAV maintain that animal experiments as practised in this country undoubtedly generate a huge amount of suffering, even if some experiments may be relatively mild. For example, Home Office statistics show that very large numbers of animals are subjected to toxicology (poisoning) experiments, given diseases such as cancer, have stress deliberately induced, are brain-damaged or are genetically engineered to have deformities or illnesses. Some experiments can last for months or years and no anaesthetic is used at all in some two-thirds of experiments. Campaigners say it is dishonest to pretend that vivisection does not involve a great deal of suffering, and that this is the context in which the moral debate should take place.35

Chart 1 shows the number of experiments/procedures started on live animals in each year since 1967. From 1 January 1987 statistics related to procedures which were subject to the provisions of the Animals (Scientific Procedures) Act 1986. To allow comparison with experiments which would have been recorded had the Cruelty to Animal Acts 1876 still continued in force, statistics were collected under both systems in 1987. The number of experiments or scientific procedures fell consistently between 1976 and the early 1990s. Since then, the rate of decrease has fallen and there has been little change in the number since 1995.

Table 1 gives details of the number of procedures, by type of animal, in 1989 and 1999. In 1999, over 90% of procedures were conducted on mammals: over 90% of which were mice and rats. Between 1989 and 1999, the number of procedures fell for most types of animals and by just over 20% overall. Trends varied markedly for individual species. Procedures on ungulates36 increased by over 80%; there was also a large percentage increase in procedures on fish.

---

35 Personal Communication with BUAV, June 2001
36 An ungulate is a mammal that has hooves.
Table 1

**Scientific procedures by species of animal, 1989 and 1999**
Great Britain

<table>
<thead>
<tr>
<th>Species</th>
<th>1989</th>
<th>1999</th>
<th>Percentage change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mammals</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mammals</td>
<td>3,004,025</td>
<td>2,413,692</td>
<td>-20%</td>
</tr>
<tr>
<td>Mouse</td>
<td>1,774,880</td>
<td>1,641,868</td>
<td>-7%</td>
</tr>
<tr>
<td>Rat</td>
<td>882,256</td>
<td>566,990</td>
<td>-36%</td>
</tr>
<tr>
<td>Guinea pig</td>
<td>144,827</td>
<td>62,086</td>
<td>-57%</td>
</tr>
<tr>
<td>Hamster</td>
<td>20,255</td>
<td>10,621</td>
<td>-48%</td>
</tr>
<tr>
<td>Gerbil</td>
<td>5,619</td>
<td>6,225</td>
<td>+11%</td>
</tr>
<tr>
<td>Other rodent</td>
<td>1,100</td>
<td>2,484</td>
<td>+126%</td>
</tr>
<tr>
<td>Rabbit</td>
<td>113,370</td>
<td>41,435</td>
<td>-63%</td>
</tr>
<tr>
<td>Cat</td>
<td>4,762</td>
<td>1,623</td>
<td>-66%</td>
</tr>
<tr>
<td>Dog</td>
<td>12,625</td>
<td>8,185</td>
<td>-35%</td>
</tr>
<tr>
<td>Ferret</td>
<td>3,520</td>
<td>1,119</td>
<td>-68%</td>
</tr>
<tr>
<td>Other carnivore</td>
<td>504</td>
<td>2,952</td>
<td>+486%</td>
</tr>
<tr>
<td>Horse, donkey and crossbred</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equids</td>
<td>1,411</td>
<td>9,342</td>
<td>+562%</td>
</tr>
<tr>
<td>Pig</td>
<td>8,650</td>
<td>11,684</td>
<td>+35%</td>
</tr>
<tr>
<td>Goat</td>
<td>707</td>
<td>511</td>
<td>-28%</td>
</tr>
<tr>
<td>Sheep</td>
<td>18,748</td>
<td>36,048</td>
<td>+92%</td>
</tr>
<tr>
<td>Cattle</td>
<td>5,019</td>
<td>5,695</td>
<td>+13%</td>
</tr>
<tr>
<td>Other ungulates</td>
<td>276</td>
<td>294</td>
<td>+7%</td>
</tr>
<tr>
<td>Prosimian</td>
<td>32</td>
<td>0</td>
<td>-100%</td>
</tr>
<tr>
<td>Marmoset or tamarin</td>
<td>1,423</td>
<td>1,514</td>
<td>+6%</td>
</tr>
<tr>
<td>Squirrel, owl or spider monkey</td>
<td>472</td>
<td>24</td>
<td>-95%</td>
</tr>
<tr>
<td>Macaque</td>
<td>2,904</td>
<td>2,465</td>
<td>-15%</td>
</tr>
<tr>
<td>Baboon</td>
<td>394</td>
<td>0</td>
<td>-100%</td>
</tr>
<tr>
<td>Other primate</td>
<td>55</td>
<td>0</td>
<td>-100%</td>
</tr>
<tr>
<td>Other mammal</td>
<td>216</td>
<td>527</td>
<td>+144%</td>
</tr>
<tr>
<td><strong>Birds</strong></td>
<td>251,954</td>
<td>106,009</td>
<td>-58%</td>
</tr>
<tr>
<td><strong>Reptiles</strong></td>
<td>76</td>
<td>32</td>
<td>-58%</td>
</tr>
<tr>
<td><strong>Amphibians</strong></td>
<td>11,545</td>
<td>14,582</td>
<td>+26%</td>
</tr>
<tr>
<td><strong>Fish</strong></td>
<td>77,525</td>
<td>122,438</td>
<td>+58%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,345,125</td>
<td>2,656,753</td>
<td>-21%</td>
</tr>
</tbody>
</table>

Source: Statistics of scientific procedures on living animals Great Britain 1999 and earlier, Home Office
A breakdown of these procedures, by primary purpose is given in the following table. Between 1995 and 1999 the only one to increase was breeding for genetic defects or modified genes, which doubled.\textsuperscript{37}

<table>
<thead>
<tr>
<th>Table 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scientific procedures by primary purpose</strong></td>
</tr>
<tr>
<td>Great Britain 1999</td>
</tr>
<tr>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Number</td>
</tr>
<tr>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Fundamental biological research</td>
</tr>
<tr>
<td>Research and development of products or devices</td>
</tr>
<tr>
<td>- Human medicine or dentistry</td>
</tr>
<tr>
<td>- Veterinary medicine</td>
</tr>
<tr>
<td>Protection of man, animals or environment</td>
</tr>
<tr>
<td>Production and breeding of animals with genetic defects and genetically modified animals</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

*Source: Statistics of scientific procedures on living animals Great Britain 1999, Home Office*

The number of procedures using genetically modified animals was first recorded in 1990 when there were just over 48,000. Since then the number has increased more than tenfold. This is illustrated in Chart 2 below. In 1990, these procedures accounted for 1.5\% of the total; by 1999, this had increased to 19.3\%.\textsuperscript{38}

<table>
<thead>
<tr>
<th>Chart 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Procedures using genetically modified animals</strong></td>
</tr>
<tr>
<td>in Great Britain</td>
</tr>
<tr>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Thousands</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

\textsuperscript{37} *Statistics of scientific procedures on living animals Great Britain 1999, Home Office*
Table 3 shows the number of licensees reporting procedures, their type and the number carried out. Over two-thirds of those reporting procedures were universities or other academic establishments. Projects at commercial organisations accounted for 14.5% of total, but over 40% of all procedures. In 1987, commercial organisations carried out 60% of all procedures; the fall in the procedures started by commercial licensees has largely accounted for the overall fall since 1987.  

Table 3  
Scientific procedures and licence holder, by type of designated establishment  
Great Britain 1999  

<table>
<thead>
<tr>
<th>Procedures</th>
<th>Licence holders reporting procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>number</td>
</tr>
<tr>
<td>Universities, medical schools</td>
<td>936,137</td>
</tr>
<tr>
<td>Government departments</td>
<td>91,788</td>
</tr>
<tr>
<td>Other public bodies</td>
<td>312,582</td>
</tr>
<tr>
<td>Non-profit making organisations</td>
<td>119,455</td>
</tr>
<tr>
<td>Commercial organisations</td>
<td>1,101,571</td>
</tr>
<tr>
<td>Other(^{(a)})</td>
<td>95,220</td>
</tr>
<tr>
<td>Total</td>
<td>2,656,753</td>
</tr>
</tbody>
</table>

\(^{(a)}\) Public health laboratories and NHS hospitals  
Source: Statistics of scientific procedures on living animals Great Britain 1999, Home Office  

Table 4 details a subset of data from the previous tables: general safety evaluation procedures, by type in 1989 and 1999. During this time, the number of each type of procedure fell: the total number fell by over 80,000. There were a total of over 543,000 procedures covering the whole range of toxicology or safety and efficacy evaluation. Safety and efficacy testing of pharmaceutical products and pharmaceutical quality control accounted for over 60% of these procedures.  

Table 4  
General safety/efficacy evaluation procedures by purpose, 1989 and 1999  
Great Britain  

<table>
<thead>
<tr>
<th></th>
<th>1989</th>
<th>1999</th>
<th>Percentage change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental pollution</td>
<td>34,826</td>
<td>32,312</td>
<td>-7%</td>
</tr>
<tr>
<td>Substances used in agriculture</td>
<td>80,692</td>
<td>48,081</td>
<td>-40%</td>
</tr>
<tr>
<td>Substances used in industry</td>
<td>86,252</td>
<td>57,592</td>
<td>-33%</td>
</tr>
<tr>
<td>Substances used in the household</td>
<td>4,017</td>
<td>341</td>
<td>-92%</td>
</tr>
<tr>
<td>Food additives</td>
<td>5,710</td>
<td>4,853</td>
<td>-15%</td>
</tr>
<tr>
<td>Cosmetics and toiletries</td>
<td>12,090</td>
<td>0</td>
<td>-100%</td>
</tr>
<tr>
<td>Total</td>
<td>223,587</td>
<td>143,179</td>
<td>-36%</td>
</tr>
</tbody>
</table>

Source: Statistics of scientific procedures on living animals Great Britain 1999 and earlier, Home Office

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\(^{38}\) Statistics of scientific procedures on living animals Great Britain 1999, Home Office  
\(^{39}\) ibid
Since November 1997, no licences have been issued for cosmetic finished-product testing and existing licenses have been amended to exclude this. Chart 3 below shows trends in the number of procedures for cosmetics and toiletries. 1999 was the first year when no such procedures were started.

D. Regulation of Animal Welfare

There is legislation in place to protect the welfare of the animals used for experimentation. The Animals (Scientific Procedures) Act 1986 is focussed on ensuring that those animal experiments that do take place are judged sufficiently beneficial and minimise the suffering imposed upon experimental animals. Animal rights campaigners argue that the cost:benefit test has traditionally been weighted in favour of researchers and that the process should be opened up to public scrutiny to better reflect public opinion.

To perform animal experiments in the UK requires licensing from the Animals Scientific Procedures Inspectorate (ASPI). The specific project, or experiment, has to be licensed to show that the knowledge expected to be gained is new and useful to its field. It must also demonstrate that the suffering expected to be imposed on the animal during the experiment is unavoidable and minimised as far as possible. The individuals carrying out the experiment must also be licensed to indicate their suitability to carry out particular procedures. Researchers also have to be trained in their use of animals.

The RSPCA believes that the mandatory training required for all prospective licensees, including the component on the ethics of laboratory animal use, is an essential strength of the UK system of regulation. The Society’s [Research Animals Department] has had considerable input into the nature and content of the courses,
particularly the ethics component, and members of its staff teach ethics on some of them.\textsuperscript{40}

The ASPI scrutinise all applications to carry out animal experiments in the UK.

The main tasks of the members of the Inspectorate are to assess and advise on applications for licences and certificates and to inspect work in progress in scientific establishments to check that the terms and conditions of licences and certificates are being observed.

[…]

The inspector is the "front line" scientific assessor for the Home Office of proposals for programmes of work involving living animals. Applications for project licences are made by senior scientists, are often complex and may cover up to 5 years' work. The proposals may be for any work within the entire field of biological and biomedical science, from human transplant surgery to the life history of newts. Proposals must be assessed in detail and challenged where necessary to determine whether the benefits likely to result from the project outweigh the cost in suffering to the animals to be used. To make this judgement, the inspector must take a view on the scientific quality of the proposed work, the appropriateness of the animal use and the measures to be taken to minimise suffering. It is often necessary for inspectors to discuss the proposals in detail and at length with the scientists so that the inspector is confident when making the judgements that as much as possible has been done to \textbf{REPLACE} the procedures with alternatives not using living animals, to \textbf{REDUCE} numbers of animals used in particular studies, and to \textbf{REFINE} the procedures to minimise pain, suffering, distress or lasting harm (the 3Rs).

[…]

Inspectors maintain programmes of visits to establishments to check that licensees and others are complying with the terms and conditions of the licences and certificates, and maintaining standards of husbandry and accommodation in line with the provisions of the Codes of Practice. Inspectors are expected to be well informed on all aspects of the work being undertaken in the places for which they are responsible and to develop and sustain a satisfactory working relationship with the thousand or so licensees and others in their region. The Inspectorate carries out about two and a half thousand visits to establishments each year for inspection purposes. The number of visits to each establishment during the year will be determined by size and type of work carried out. The majority of the visits to animal facilities within establishments are made without notice.\textsuperscript{41}

One of the major strengths of the \textit{Animals (Scientific Procedures) Act 1986} is its ability to refuse work that is not justified. Each experiment proposed must be justified and not simply on scientific grounds. The Government currently requires an ethical review process for

\textsuperscript{40} RSPCA Parliamentary Briefing on Animal Experiments, June 2001
\textsuperscript{41} http://www.homeoffice.gov.uk/animact/aspileaf.htm
experiments and the RSPCA believes that the local ethical review committees are an important part in the functioning of the legislation. The committees allow a voice to be given to those actually working with the animals and the day to day concerns related to animal research. The RSPCA believe greater weight to such committees might bring greater attention to some of the practical welfare problems associated with animal research:

The full lifetime experience of the animals involved in the research should be considered when assessing harms. We believe that researchers should have to explain all adverse effects in their project licence applications in a manner that really describes what they mean for the animals. This should pay regard to source, transport, housing, husbandry and care, procedures, re-use and eventual fate (rehoming, release or euthanasia). As well as facilitating decisions on the necessity of and justification for each study, proper consideration of all these factors should help to focus the mind of the applicant and the local ERP on identifying and minimising costs. It is also not clear whether associated costs such as those incurred in breeding and supplying animals (e.g. lifetime confinement of bitches, or the use of wild-caught primates to supplement breeding colonies), or wastage of unused stock animals, are taken into account.42

As well as regulating activities allowed during experiments, and who may carry them out, the ASPI also monitors regulations on the housing and keeping of experimental animals.43 Much of the expense of animal experiments arises through the detailed guidance requirements on bedding, food and environmental considerations that must be adhered to. It is also expensive to maintain animals in an environment that precludes, as far as possible, exposure to unplanned toxins or disease. Animal rights campaigners argue that housing conditions are often wholly inadequate and do not meet the physiological and behavioural needs of the animals, as the law requires.44

The whole use of animals under the law is constantly under review by the Animal Procedures Committee45 that advises the Home Office on these matters. This committee currently has 19 members46 (including the chairman) and animal welfare concerns are most overtly represented by Mr Mike Baker, the UK Director of the International Fund for Animal Welfare and Dr Maggy Jennings, Head of Research Animals Department, Royal Society for the Prevention of Cruelty to Animals.

The House of Lords is currently involved in assessing the working of the Act and what might be done to refine and improve on the current legislation. The deadline for written submissions to the Enquiry passed on 11 June 2001 and it is expected that the committee may, after submission of oral evidence, publish a report early next year:

42 RSPCA Parliamentary Briefing on Animal Experiments, June 2001
43 http://www.homeoffice.gov.uk/animact/hcadb.htm
44 Personal Communication with BUAV, June 2001
45 http://www.apc.gov.uk/
46 http://www.apc.gov.uk/members/members.htm
The House of Lords has appointed a committee chaired by Lord Smith of Clifton, to conduct an inquiry on issues respecting animals in scientific procedures in the United Kingdom. The terms of reference of the committee are:

"To consider and report on issues respecting animals in scientific procedures in the United Kingdom, including--
(1) the working of the Animals (Scientific Procedures) Act 1986;

(2) the effectiveness of and justification for animal procedures, particularly in:
(i) medicine
(ii) education
(iii) defence
(iv) product testing; and

(3) the development and use of alternatives to animal procedures;

- and in all the foregoing considerations to pay regard to:
  - public attitudes, availability of information, labelling and consumer issues;
  - developments in biotechnology, and the likely future demand for animal procedures;
  - the effect of any changes on the economy and the science base;
  - EU and international law and practice."

The Committee will take evidence in writing and in person and produce a report to the House, with recommendations addressed to the Government, early next year. We invite written submissions by Monday 11 June relevant to our terms of reference, and addressed in particular to the following questions:

1. What have been the strengths and weaknesses in the operation of the Animals (Scientific Procedures) Act since 1986; how do you consider that legislation on animal procedures needs to be changed?

2. What scientific developments and changes in public attitudes have occurred relevant to animal procedures since 1986; how have researchers and regulators responded to such changes; and do you consider that their response has been appropriate?

3. What are the current effective alternatives to animal procedures; and what alternatives to animal procedures might be developed?

4. How do you consider that demand for animal procedures will develop in the future; and how should the regulatory system respond?^{47}

^{47} http://pubs1.tso.parliament.uk/pa/ld199697/ldselect/ldscenqs.htm#anim
III Lobby Groups and Activism

The radical edge of animal activism has been taken up by many other organisations. Several, such as People for the Ethical Treatment of Animals\(^{48}\) (PeTA) and the Animal Liberation Front, are often identified in the press as extreme or militant.\(^{49}\) PeTA are portrayed as extreme in their views (promoting complete vegetarianism\(^{50}\) and the non-use of animal products\(^{51}\)) whereas the Animal Liberation Front are portrayed as extreme in their actions\(^{52}\) (infiltrating testing labs and liberating ‘captive’ animals).\(^{53}\) The Home Office had reportedly considered declaring one group, the Justice Department, a terrorist organisation under the *Terrorism Act 2000*.\(^{54}\) Most groups, however, are lawful and mainstream.

The dynamic in animal activism is a balance between animals and humans. The presence of radical elements means that many people are confronted with new ideas and challenged to go about normal activity in another way. Questions such as “Is it right to knowingly cause suffering to animals for human use?” and “Is an animal’s life less important than a human one?” provide an impetus for ordinary people and legislators to look at the status quo and determine its worth. For the majority of people, most of the time, the ethical issues are too abstruse and complicated to warrant the devotion of time to the problem. Only when issues such as Huntingdon Life Sciences become frontpage news is a great deal of thought given to the matter by the majority of the public.

The subject of animal experiments is of interest not only to those opposed to animal experimentation but to those who feel there are scientific and social benefits to the experiments. These people have organised into a variety of groups. The table below gives a flavour of a range of groups that have been formed to attack and defend animal experimentation.

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48 [http://www.peta.org](http://www.peta.org)
49 for example, “Haphazard Army with the scent of victory”, *The Guardian*, 18 January 2001
50 for example: [http://www.petaeurope.org/mc/facts/fsveg5.html](http://www.petaeurope.org/mc/facts/fsveg5.html)
53 “In for the kill”, *Guardian Weekend*, 5 December 1998
54 “Animal group to be banned under new terror law”, *The Sunday Times*, 4 February 2001
### Groups Promoting a Ban on Animal Research
- Advocates for Animals
- Animal Cruelty Investigation Group
- Animal Aid
- Animal Liberation Front
- British Anti-Vivisection Society
- British Union for the Abolition of Vivisection
- Last chance for Animals
- People Against Chimpanzee Experiments
- People for the Ethical Treatment of Animals
- National Anti-Vivisection Society
- Stop Huntingdon Animal Cruelty
- Uncaged Campaigns

### Groups Promoting Alternatives and Welfare
- Doctor Hadwen Trust for Humane Research
- European Centre for Validation of Alternative Methods
- Fund for the Replacement of Animals in Medical Experiments
- Humane Research Trust
- Royal Society for the Prevention of Cruelty to Animals
- Scottish Society for the Protection of Cruelty to Animals
- Universities Federation for Animal Welfare

### Groups Defending Animal Research
- Association of the British Pharmaceutical Industry
- Association of Medical Research Charities
- BioIndustry Association
- Biomedical Research Education Trust
- Research Defence Society
- Seriously Ill for Medical Research

The above groups are largely based in the UK and have information available via the Internet. The Veggies website claims to provide a list of over 5000 animal related groups and a diary of animal rights events throughout the UK.

#### A. Noteworthy Points of Conflict

In the recent past, particular establishments have attracted media attention with regard to animal experiments. The following sections deal with two animal breeding establishments. The most high profile case subject to attention from animal rights activists has been Huntingdon Life Sciences (HLS). Fuller detail of this particular animal research establishment is provided later in the paper.

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56 Animal Rights Calendar, [http://www.veggies.org.uk/calendar.htm](http://www.veggies.org.uk/calendar.htm)
1. **Hillgrove Farm**

Hillgrove Farm was a facility, licensed under the appropriate legislation, to breed and provide animals (cats) for the purposes of experimentation.\(^{57}\) Despite implications from pictures on websites dedicated to the closure there were no experiments upon animals actually carried out at Hillgrove Farm.\(^{58}\) Defenders of the farm say that another pertinent detail is that over 50% of animal research carried out on cats was for applied veterinary research. Critics argue that it is no more justifiable to experiments on cats for the benefit of other cats than it would be to experiment on people for the benefit of other people. The campaign against the farm was conducted over a long period of time, costing a great deal of police time, and eventually achieved its closure. The RSPCA briefing at the time of the closure reported that

> There will still be a demand for laboratory cats and the RSPCA is concerned that more cats will now be imported from other countries where we have no control over how they are bred. More research using cats may also be conducted overseas where conditions in laboratories may not meet those required in the UK.\(^{59}\)

This is a stark contrast to the victory hailed by the protesters.

Campaigners who had fought for the closure of the farm were delighted yesterday. Heather James, of Save the Hillgrove Cats, said: "This has never been about us or Christopher Brown, it has been about the cats and their safety. This is one of the happiest days of my life."

Robb Webb, a spokesman for the Animal Liberation Front, said: "Mr Brown has always said he wouldn't close the farm, but it is clear that animal rights activists have, through constant protest, pickets and raids, encouraged him to end this obscene business that offended everyone."

Carla Lane, 62, the television scriptwriter and animal activist, said the closure was "magnificent".

She added: "It is a wonderful day for all those who care about animals. I used to go down there to protest about it and this is a victory for the protesters."\(^{60}\)

The press reported that the cost to Thames Valley Police between March 1997 and the time of its closure in August 1999 had been in the region of £3 million. The high point of the protest had been in April 1998 when more than a thousand protesters converged on the farm. The continued protests led to the highly unusual tactic of the police imposing a five mile exclusion zone around the farm.

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\( ^{57} \) HC Deb 19 January 1998 c 379W

\( ^{58} \) For example, [http://www.asa.org.uk/adjudications/show_adjudication.asp?adjudication_id=3889&dates_of_adjudications_id=all&from_index=by_issue&issue_id=2](http://www.asa.org.uk/adjudications/show_adjudication.asp?adjudication_id=3889&dates_of_adjudications_id=all&from_index=by_issue&issue_id=2)

\( ^{59} \) RSPCA Parliamentary Brief, *Hillgrove Farm*, 13 August 1999

\( ^{60} \) "Wanted: homes for 800 cats as lab farm closes", *Daily Telegraph*, 14 August 1999
2. **Harlan UK**

This company came into the limelight when the Daily Mail published an exposé by an undercover animal rights worker on alleged cruelty in a beagle breeding facility. The article was based on a report delivered to the Home Office that triggered an inquiry at Harlan UK.⁶¹

**Mr. Baker:** To ask the Secretary of State for the Home Department if he will (1) make a statement on the findings of the recent British Union for the Abolition of Vivisection report into Harlan UK Ltd in relation to alleged infringements of the *Animal (Scientific Procedures) Act 1986*; (2) instigate an investigation into Harlan UK Ltd. to establish whether infringements of the *Animals (Scientific Procedures) Act 1986* have occurred; (3) list the dates since 1 July 1998 when his Department’s Inspectorate has visited Harlan UK Ltd. under section 18(2)(d) of the *Animals (Scientific Procedures) Act 1986*, [sic] indicating which visits were announced and which unannounced; and what reports were made to him in accordance with section 18(2)(e) of that Act; (4) make a statement on the death of two primates en route from Oxford University to Harlan UK Ltd.

**Mr. George Howarth:** We have received, and are studying, a detailed report provided, on 29 June, by the British Union for the Abolition of Vivisection (BUAV). An investigation into the allegations made has already been launched and I have asked for urgent advice on whether there is a need to suspend—under the powers granted by section 13 of the *Animals (Scientific Procedures) Act 1986*—the establishment’s certificate of designation. A comprehensive and thorough investigation will be carried out. It will be led by a senior member of the Home Office Inspectorate unconnected with this establishment. This could take two or three months to complete, but I will be receiving interim reports.

In addition to the standards of care and welfare of animals, the BUAV report criticises the Home Office Inspectorate. These allegations will be considered during the investigation.

I will be advising the Animal Procedures Committee of the outcomes in due course.

It would be wrong to pre-judge the outcome of the investigation and I will not, therefore, comment further at this time. However, I give the hon. Member my assurances that if any of the allegations of contraventions of the Act; of the terms and conditions of licences or certificates; or of the Codes of Practice are substantiated appropriate action will be taken to rectify the problems and to prevent recurrence. No options have been ruled out at this stage.

⁶¹ HC Deb 5 July 1999 c 333W
The resulting report\(^{62}\) by the Home Office Inspectorate generally praised the welfare conditions within the facility and rejected several of BUAV’s allegations. BUAV argued that close reading of the report demonstrated that many of its allegations were actually accepted. They also accused the Inspectorate of seeking to denigrate BUAV’s investigator at every opportunity and suppressing evidence. The Animal Procedures Committee (APC)\(^{63}\) commented on the report in April 2000:

5.6 Whilst the Committee recognised that it was not in possession of the information it would need to take a view of the rights and wrongs of the various allegations made against Harlan-Hillcrest, and did not seek to do so, it was felt by a majority of members that the Inspectorate’s report left a number of outstanding questions. Many members felt that that the report sought to exonerate Harlan-Hillcrest, with the risk of creating the impression that the conditions which prevailed there were deemed acceptable by the Inspectorate.

5.7 Looking to the future, a majority of the Committee were in favour of encouraging the Home Office to consider incorporating an independent element into any enquiries that might be initiated into allegations which suggested not merely particular breaches of the Act, but the possibility of a more generally significant failure of the system of compliance, monitoring and enforcement. Whilst the Committee had confidence in the professionalism of the Inspectorate and in its concern to ensure the rigorous application of the legislation, it was likely that public confidence in any investigations which touched on the performance of the Inspectorate would be enhanced by the inclusion of an unquestionably independent element. Members noted that there were precedents in other areas of government.\(^{64}\)

Many press reports claimed that BUAV had insisted on a large amount of information being blacked out.\(^{65}\) The Home Office later confirmed that it had blacked out the information to protect the confidentiality of BUAV, Harlan and third parties. This was later rectified and the full report is now available.\(^{66}\)

The Home Office stated that the use of an independent scrutiny team for future investigations would be:

…be the best and most practicable means of providing assurance that any future Inspectorate investigations have been carried out with the necessary objectivity and thoroughness.\(^{67}\)

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\(^{62}\) HC Deb 8 March 2000 cc 661-2W; Dep 00/514

\(^{63}\) http://www.apc.gov.uk

\(^{64}\) Minutes of APC meeting April 2000, http://www.apc.gov.uk/reference/apr00.htm

\(^{65}\) “MP attacks animal campaigners over dog lab ‘evidence’”, Daily Telegraph, 9 March 2000

\(^{66}\) HC Deb 30 March 2000 cc 213-4W; Dep 00/631

\(^{67}\) HC Deb 1 November 2000 c517W
This was called into question by campaigners against animal experiments when it was announced that an examination of evidence relating to allegations of cruelty concerning xenotransplantation research\(^{68}\) was to be carried out by the Chief Inspector of Animals (Scientific Procedures).\(^{69}\)

**B. Activism and Business**

Animal rights activists have had a drastic effect on the financial value of Huntingdon Life Sciences by putting pressure on shareholders and financial institutions\(^{70}\) backing the company. There has been condemnation of those that did not back the company\(^{71}\) against the activists but also understanding of the difficulties involved in doing so.\(^{72}\) The Government has announced that it will provide guidance for shareholders to enable their investments in companies that are likely targets to remain anonymous.\(^{73}\)

Animal rights activists blame the Government for the need to carry out extreme action as it has not implemented policies to ban animal research.\(^{74}\) In the unlikely event that such a ban would become law, those companies whose international concerns require such experimentation (for example, pharmaceutics) would probably seriously consider relocating outside the UK.\(^{75}\) There would also be a likely knock-on effect on the UK research base within such industries, as universities would similarly be banned from using such procedures. Even then, it is likely that the activists would then shift focus to other industries perceived as cruel. There have been reports that betting offices,\(^{76}\) anglers,\(^{77}\) chip shops\(^{78}\) and shooting\(^{79}\) would be potential targets. There have even been death threats issued to a former agriculture minister\(^{80}\) over badgers being culled in the experiment to determine their role in bovine tuberculosis and PeTA have vowed to make leather as unacceptable as fur.\(^{81}\)

Obviously, protesters and activists have a right to raise and protest about animal welfare issues important to them. This has to be balanced with the rights of individuals to carry out

\(^{68}\) ‘Terrible despair of animals cut up in name of research’, *The Express*, 21 September 2000

\(^{69}\) HC Deb 29 November 2000 c644-5W

\(^{70}\) ‘City firms face ‘direct action’ by extremists’, *The Independent*, 29 January 2001


\(^{72}\) “Don’t call someone a coward for failing to stand up to terrorism”, *The Independent*, 22 January 2001

\(^{73}\) “Ministers to blame for bombings, say animal protestors”, *The Independent*, 13 January 2001

\(^{74}\) “Aventis arm set to pull out of research in Britain”, *Financial Times*, 25 November 2000

\(^{75}\) “Animal rights group targets bookie’s staff”, *Scotsman*, 8 January 2000

\(^{76}\) “Anglers call for protection as protests mount”, *The Times*, 24 July 2000

\(^{77}\) “Chip shops legitimate targets, say animal extremists”, *Daily Telegraph*, 13 January 2001

\(^{78}\) “Shooting and fishing will be next targets”, *Daily Telegraph*, 27 December 2000

\(^{79}\) “Death threats sent to Nick Brown over badger cull”, *The Guardian*, 19 June 2000

\(^{80}\) “Activists vow to make leather as unacceptable as fur”, *The Independent*, 14 February 2000
their lives without undue fear or intimidation. The Government’s acknowledged role lies in balancing the right to protest with the right to live a peaceful life.

C. Huntingdon Life Sciences

The company introduces itself on its website:

Huntingdon Life Sciences is one of the world’s largest Contract Research Organisations. Founded in 1952 in the UK, the company is now an international business with resources on three continents.

Originally the company concentrated upon nutrition, veterinary and biochemical research. An expansion of services in the late 50s led to the assessment of pharmaceuticals, agrochemicals, food additives and a whole variety of industrial and consumer chemicals. This set the company on its present path to become a leading provider of toxicology testing services.82

While Huntingdon Life Sciences had been subject to undercover investigation in 1988/9,83 their problems essentially began in 1997 when a Channel 4 documentary exposed cruelty within animal testing laboratories at the company. A subsequent Home Office investigation of the laboratories upheld the findings concluding that the laboratory ‘was not appropriately staffed and that animals were not at all times provided with adequate care’.84

This case indicated that the system could break down and allow cruelty to occur. However, there would need to be far more evidence that the rate of animal cruelty is greater than currently reported before prohibition would be a consideration for the Government. Huntingdon Life Sciences has since been a focal point of attack for animal rights activists, leading to it having extreme financial problems as the action from protesters has become increasingly sophisticated.

Extreme events such as parcel bombs have, for some time, been part of the working lives of animal researchers. However, prior to the Huntingdon case animal rights protests typically took the form of people waving banners at the gates of the establishment and, in extreme cases, breaking into those establishments to free the animals. This has escalated to include sending letters and information to investors in the company and informing associated businesses that they will face protests, similar to those faced by HLS, if they continue to do business with HLS.

The Government has been concerned that the system should not allow private individuals to be subjected to pressure in this way and there have been several moves to provide protection

82 http://www.huntingdon.com/index.html
83 http://www.helpthedogs.org/campaigns/secret.html
84 HC Deb 24 July 1997 cc 678-80W
for workers at animal laboratories and investors in those companies. These are discussed in greater detail later in this paper.

D. The Continuing Campaign Against HLS

There has been much press coverage of the Huntingdon Life Sciences episode, as it seems to herald a new methodology by activists to target large companies that are believed to act contrary to welfare or environmental standards. The tactics of staff intimidation have been escalated to a new level by publishing, on the Stop Huntingdon Animal Cruelty (SHAC) website, plans of the institution and internal telephone numbers of staff. They also have lists of shareholders in the company published on the site and visitors to the site are encouraged to target both customers and shareholders of the company. For the press, this has become a topic of intense interest, a David and Goliath situation where David was reportedly about to win.

There were reports of private investors being contacted and pressured to sell their shares in Huntingdon Life Sciences in March 2000:

[Neil Hansen] confirmed to the Times last night that he was the Peter Ward who had written to all the shareholders of Huntingdon Life Sciences (HLS) telling them to sell their shares or face 24 hour protests at their homes.86

Though Mr Hansen had previously been jailed for animal rights activity the article reported him to say that the protests would be peaceful. The first person to be picketed by the group was a 70 year old man who had been tracked down through shareholder records at Companies House.87 The Labour Party admitted to holding HLS stock but said that it would be sold.

The Financial Times writes of a series of financial institutions refusing to do business with Huntingdon Life Sciences due to the actions of protesters. The list consists of Barclays, Citigroup, Merrill Lynch, Credit Suisse, First Boston, HSBC, Phillips and Drew, West LB Panmure and the Royal Bank of Scotland.

Some claim their exit was due to concern for their employees; others acted on purely commercial grounds. Whatever their motives, it is probable that Huntingdon would now be bankrupt without the bold intervention of a singular-sounding US investment bank called Stephens.88

85 http://www.shac.net
86 “Lab investors told: Sell shares, or else”, Times, 29 March 2000
87 “Animal rights group pickets investor’s home”, Daily Telegraph, 11 April 2000
88 “Walking with animals, learning new tricks”, FT Weekend, 17/18 March 2001
The BioIndustry Association called on financial institutions to ‘stand firm in the face of intimidatory behaviour by activists' groups’.\(^89\) If one company can be isolated through action such as this then it would become standard practice to target more companies in a similar manner.

Despite such calls, one institution after another has severed its ties with Huntingdon Life Sciences:

Animal rights campaigners have forced HSBC, the world’s second-largest bank, to sever its ties with Huntingdon Life Sciences, the drug testing group.

[...]

Merck [a German pharmaceutical company] said that demonstrators broke some windows at its offices in Hitchen, Hertfordshire. The campaigners are also thought to have staged a rally outside the home of a Du Pont director.\(^90\)

A division of Credit Suisse First Boston, the investment bank, is to sever its links with Huntingdon Life Sciences...

…Trevor Jones, Pershing’s [a CSFB clearing company] managing director, said that the decision was aimed at protecting the 750 staff. ‘Many of my staff are women under 30 and we felt we could not put them in this situation’.\(^91\)

[Barclays] said it had dropped a stake of about 1 per cent it was holding on behalf of clients because it did not want to put its staff at risk of reprisals.\(^92\)

The most important bank to HLS, the Royal Bank of Scotland who, through owning Nat West, held the loan under which Huntingdon Life Sciences operated also withdrew its association.

The Royal Bank of Scotland was last night looking for ways to extricate itself from the uncomfortable position as banker to Huntingdon Life Sciences as it emerged that one of America’s largest banks had severed ties with the controversial animal-testing laboratory.\(^93\)

HLS has indicated its intention to sue the Royal Bank for its actions:

HLS claims the Royal, Britain’s biggest corporate bank and the country’s second largest high street bank, broke confidentiality when it admitted to an animal welfare group that it shared concerns for the work being carried out by the firm at its laboratories in Cambridgeshire.

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\(^89\) “City urged to fight animal rights threats”, Financial Times, 15 March 2001
\(^90\) “Bank drops its holding in animal tests group”, Financial Times, 12 December 2000
\(^91\) “Bank arm cuts HLS link after animal protest”, Financial Times, 31 January 2001
\(^92\) “Barclays cuts links with Huntingdon Life Sciences”, Financial Times, 7 February 2001
\(^93\) “Huntingdon Life: facing collapse in 36 hours”, Guardian, 18 January 2001
The disclosure was made by Sir George [Mathewson – the bank’s deputy chairman] in reply to a letter from the RSPCA. 

The company was eventually saved through the intervention of an American company, Stephens, but its problems continued as companies began to refuse to trade in its shares.

Winterflood Securities stepped down as market-maker in Huntingdon Life Sciences.

...The broker declined to comment yesterday, but it is understood that its management is unhappy at the failure by police, government and the stock exchange to take action against animal rights activists.

This action damages the company as share dealing gets restricted to fewer companies until ‘a sole market-maker can set the prevailing share price leaving investors with less choice and less liquidity’.

In the meantime, intimidation of those associated with the company continues to be reported. Brian Cass, the managing director, was attacked by what have been assumed to be animal rights activists wielding baseball bats. It is not just high level officers of the company that are targeted, all workers would appear to be targets:

As an act of terrorism, a man being sprayed in the eyes with ammonia and pushed to the floor as he returned home from work ranks low on the richter scale of urban violence.

It was painful for him, and distressing for his wife and children, who watched helplessly as the two balaclava wearing attackers went on to smash several windows and kick in the front door.

Ordinarily, such an attack – two days before Christmas – would be condemned and quickly forgotten. But not this one. This was seen as a disturbing new front in the war between animal rights activists and Britain’s biggest animal testing laboratory.

In this war there have been death threats, firebombed cars, evil whispers on the telephone and vividly descriptive hate mail. But until this attack there had been no physical violence against people. Now, it seems, the gloves are off.

94 “Royal Bank to be sued by animal testing lab”, Scotland on Sunday, 14 January 2001
95 “Winterflood says safety fears forced it to quit”, Financial Times, 29 March 2001
96 “Shareholders take stock at a testing time”, Financial Times, 29 March 2001
98 “How threats, firebombs and assault are sending an animal testing lab to the dogs”, Independent, 9 January 2001
Even day to day work can be intimidating:

As far as the workers at Huntingdon Life Sciences are concerned, the Stop Huntingdon Animal Cruelty (SHAC) campaigners are not just demonstrators. They are terrorists.

For more than a year employees – not just scientists but administrators, clerks and cleaners – have been subjected to daily abuse as they arrive and leave work. If they can get away with it, demonstrators hurl stones at their cars. Workers often need a police escort.

[...]

Since March last year five employees have had their cars torched. Firebombs have been found under another five cars.

[...]

Jim, a 32 year old administrator, said that the mood was one of fear and determination. His address had been published and he has had to stop his partner’s children from opening mail.99

Recently, HLS have considered establishing a ‘rarely-used shareholding structure to keep investors anonymous and protect them from animal rights campaigners’.100 The BioIndustry Association had urged financial institutions to stand firm against the protesters as commercial pressure on HLS mounted.101 The Association of Medical Research Charities announced they were to stop banking with HSBC as they were not confident that the bank would not give in to similar campaigns conducted versus the association or one of its member organisations. This made the point that the scientific community might also be capable of exerting financial pressures on the City.

The AMRC is understood to have a few hundred thousand pounds with HSBC but its move could be followed by some of its members.

The organisation has 112 members with combined assets of about £16bn. They include the Wellcome Trust, one of the world’s largest charities.

The trust, which also banks with HSBC, said yesterday it supported the AMRC’s move and was ‘watching the situation with interest’.102

The Association of the British Pharmaceutical Industry has threatened withdrawal of their business and indicated that pharmaceutical companies may also reconsider their banking arrangements with Barclays and other financial institutions that failed to support HLS.

100 “Huntingdon seeks nominee structure to protect holders”, Financial Times, 12 May 2001
101 “City urged to fight animal rights threats”, Financial Times, 10 March 2001
102 “HSBC loses charities customer”, Financial Times, 23 April 2001
Drugs companies are threatening to boycott banks and brokers which give in to demands from animal rights extremists.

The pharmaceutical groups, with billions of assets, are outraged at the way they believe financial organisations caved in to the campaigners and cut ties with controversial research firm Huntingdon Life Sciences. They want pledges of support from the banks that manage their money.

Several of the biggest drugs companies are understood to have written to the big banks to voice their concerns. Trevor Jones, director-general of the Association of the British Pharmaceutical Industry (ABPI), said: "If they are not prepared to support a member of our industry (Huntingdon), we must ask if they are the people we should rely on for advice and to invest our cash. That debate is taking place right now."103

E. The Rights and Wrongs of Experiments and Protests

Experimentation on animals can be an extremely emotive issue. Animal activists cannot see any justification for inflicting pain and suffering on animals. Those dependent on medicines cannot see how short term suffering by the animals could be more important than the long term gain made by those suffering from the disease or illness. It becomes, like many political issues, a situation where there is no absolute right and wrong.

Animal rights activists have referred to those carrying out experiments as evil and portray them as people who like to make animals. These beliefs lead some to sympathise with, if not actually aid, those involved in the more extreme actions associated with animal rights. Those on the receiving end of bomb threats, mainly scientists, tend to perceive animal rights protesters simply as terrorists, though most campaigners are law-abiding and condemn all forms of violence: to people and animals. Scientists may also perceive the bureaucracy of regulations as something put in place to frustrate them rather than to improve animal welfare. It is generally agreed that extreme views or tactics, at either end of the spectrum, tend not to have the end result of improving animal welfare.

The only solution would seem to be a good flow of information even if those predisposed to a particular position are likely to disregard the others’ points as simple propaganda or sentimentalism. There are needs to be reconciled:

1. The scientific lobby to maintain a reasonable level of advance on biological science and improving how both we, and our companion animals, live day to day.
2. The animal lobby to lead an informed public debate about the ethics of animal experiments and to seek to ensure that, while they continue, they are reduced to a minimum.

In the meantime, there remains a need for policy makers continually to examine the issue and press world governments to do likewise. Even supporters of animal testing concede that it may eventually be possible to begin relaxing the need for animal experiments to secure product licences. In arguing against the continued need for animal research, some campaigning groups claim that the contribution of medical science to the health of populations is very small. As long as there is a demand for new medicines, and for those medicines to be as safe as possible before testing on humans, animal experiments are likely to continue. A great deal of product testing on animals, however, is not for medicines, but for a whole array of other products which do not receive as much public support though are still required to be safe to use.

It is often stated that few human illnesses affect animals. Animal researchers concede that this is true in so far as specific disease organisms infective in humans are rarely infective in other animals. However, the mechanisms of infectivity and disease are often the same. With respect to toxins, the mechanisms of toxicity are often extremely similar. Most mammalian animals share much of the same biological architecture and the things that go wrong with human organs and systems often have analogues in animals. By looking at the effect of the treatments on animals the companies are testing how those treatments react within a whole body system, something as yet irreproducible in a test tube. It is less relevant whether the treatment is particularly efficacious in animals than whether there are adverse effects that may have to be watched for in human subjects during clinical trials. Scientists working on non-animal alternatives point out, however, that other techniques, such as computer modelling and cell culture, can give equally valid results, whilst accepting that the techniques need to be developed further, for example in examining systemic and organ level metabolisms.

Toxicity tests can be misleading, particularly if the wrong animal is chosen as a model, though models can be chosen on many criteria from organ size and distribution to biomolecular considerations not immediately obvious to the layman. It is rare however that products do not belong to a known class of chemicals that already have a history. This makes it easier to choose suitable animal systems to test these substances. As already mentioned, initially it may not be 100% foolproof but the public generally demands that policy makers ensure things are as safe as they can be. Animal rights campaigners accept the importance of ensuring public safety but argue that non-animal alternative methods are often much more reliable. They also point out that there is a moral judgement to be made about the necessity of products which it is claimed can only be developed with animal testing.

There are methods which can replace certain aspects of animal testing, and in some instances completely replace them. For example, simple toxicity tests might be carried out using cell culture but more complex, organ based results would be unlikely to be achieved through this

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105 Personal Communication with BUAV, June 2001
means. The alternatives have the dual problem of proving their efficacy and of persuading all relevant governments to accept the test in lieu of animal tests.

In theory, the UK could prohibit animal testing unilaterally. While this might have serious implications for international treaties and trade obligations, such tests could be made illegal and testing requirements dropped for products sold in the UK. Beyond any other considerations, this would be unlikely to improve animal welfare in a global context in the short term. Experiments would have to be done to sell products in other countries, the companies could simply relocate their testing laboratories, usually to places where animal welfare legislation is far inferior to that in the UK.

To compound the problem, UK membership of the EU and other trading agreements has been interpreted to mean that we would be unable to ban products that were tested on animals. Production methods and testing procedures would not be an allowable basis for levying such a ban. Animal rights campaigners argue that there is no reason why such bans would not be legal, provided they were not designed to protect domestic companies. A recent development in the United States could indicate a change in this however. The *Dog and Cat Protection Act 2000* prohibited commerce involving dog and cat fur products. The justification in the preamble states:

(9) The imposition of a ban on the sale manufacture offer for sale, transportation and distribution of dog and cat fur products regardless of their source, is consistent with the international obligations of the United States as it applies equally to domestic and foreign entities. Such a ban is also consistent with provisions of international agreements to which the United States is a party that expressly allow for measures designed to protect the health and welfare of animals and to enjoin the use of deceptive trade practices in international or domestic commerce.  

This line of reasoning might easily be applied to animal experiments, though might receive more robust argument than that for banning the use of dog and cat fur.

Animal rights activists often refer to the ‘cruelty’ of Huntingdon Life Sciences. This is a more difficult topic because cruelty in UK legislation usually means inflicting ‘unnecessary’ suffering. It is open to debate whether animal testing (partially or in its entirety) can be classified as cruel. There were specific incidences of cruelty exposed at HLS and the guilty parties have been punished but subsequent visits have revealed no further breaches of the *Animals (Scientific Procedures) Act 1986*. Banning animal experiments on the basis of isolated incidents of cruelty might be seen as equivalent to banning the practice of driving on the basis that some people broke the laws of the road. The highlighting of such incidents however may allow more media coverage and greater public awareness of the issue and opposition to animal experiments not because of isolated incidents but because they inevitably involve suffering and are therefore unethical.

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106 Findings and Purposes, *Dog and Cat Protection Act 2000*, United States of America
107 Personal Communication with BUAV, June 2001
IV Activism and the Law

It is clear that the use of activism may usefully draw attention to malpractice within the animal industry but that, once established, such activism is very difficult to stop. Investigation of HLS found animal cruelty and two workers in HLS were prosecuted and fined.\textsuperscript{108} Since then, HLS has received pass marks from the Inspectorate but this has not stopped the protests. The company recently came under the spotlight once again when accused of causing immense suffering to primates in highly speculative xenotransplantation experiments. The sponsoring company, Imutran, obtained a temporary injunction preventing Uncaged Campaigns, to whom a large amount of documents had been leaked from disseminating them. The case has not yet come to a full trial.\textsuperscript{109}

The emotive language often used by some activists can reinforce their belief they have the moral high ground that justifies extremes of behaviour to accomplish their goals,\textsuperscript{110} even self-harming activity.\textsuperscript{111} As with any extreme activity, only a small minority have to be involved to tarnish the activities of the majority of activists on that issue. Thus, a minority, while increasing attention paid to animal experimentation, may lead to a loss of sympathy for the issue among the general public and the press.\textsuperscript{112}

The end result of the Huntingdon Life Sciences activism may be a tightening of legislation that could be used against activists.\textsuperscript{113} Actions by the government that might otherwise be condemned as infringing civil liberties are more likely to be supported in the face of extreme actions.\textsuperscript{114} Most people believe the government has a moral duty to protect those engaged in legal activity against the actions of extremists,\textsuperscript{115} though not ignoring any valid claims regardless of provenance.

In April, the Prime Minister announced the establishment of a ministerial committee, chaired by the Home Secretary, to address the problem of animal rights activists.\textsuperscript{116} The remit of this body is

To co-ordinate policy to protect those who work in or are connected with legitimate animal research establishments against intimidation by extremist groups.\textsuperscript{117}

\textsuperscript{108}“Laboratory staff cruel to dogs”, \textit{The Independent}, 18 September 1997
\textsuperscript{109}“Terrible despair of animals cut up in name of research”, \textit{Daily Express}, 21 September 2000
\textsuperscript{110}“Animal rights woman must keep away from don’s home”, \textit{Daily Telegraph}, 24 February 2000
\textsuperscript{111}“Revealed: how Barry Horne refused to become a martyr for the cause”, \textit{The Observer}, 20 December 1998
\textsuperscript{112}For example, “Are we now too cowardly to confront animal terrorism”, \textit{Daily Telegraph}, 16 January 2001; “Running Scared”, \textit{Guardian}, 17 January 2001
\textsuperscript{113}“Intimidation of animal lab staff to be outlawed”, \textit{The Independent}, 18 January 2001
\textsuperscript{114}“Isolate the extremists who terrorise people they don’t agree with”, \textit{The Independent}, 22 January 2001
\textsuperscript{115}“Animal rights protests versus democracy”, \textit{Financial Times}, 22 January 2001
\textsuperscript{116}HC Deb 26 April 2001 cc 401-2W
\textsuperscript{117}Home Office Press Release 114/2001, \textit{Top level government group to tackle animal rights extremists}, 26 April 2001
There already exists a substantial body of legislation for dealing with threatening behaviour and harassment. The following section details some of the measures the police already possess to address the issue of harassment and disorderly behaviour and the measures being introduced through the new *Criminal Justice and Police Act 2001*.

The European Convention on Human Rights, which was incorporated into UK law by the *Human Rights Act 1998*, includes rights to freedom of thought, conscience and religion, (Article 9), freedom of expression (Article 10) and freedom of assembly and association (Article 11). It also provides a right to respect for private and family life (Article 8). All of these rights are subject to a number of limitations and qualifications. These include limitations necessary in a democratic society in the interests of public safety, the prevention of public disorder, the protection of health or morals, and the protection of the rights and freedoms of others. The full text of these Articles can be found in Schedule 1 of the *Human Rights Act 1998*.[118]

### A. Public Order Offences

The *Public Order Act 1986* sets out a number of public order offences. Some, such as riot (maximum penalty of 10 years imprisonment and a fine) and violent disorder (maximum penalty of 5 years imprisonment and a fine) are intended for use in very serious incidents involving public disorder. Other offences under the 1986 Act are designed, however, for use in a wider range of public order situations.

A person who uses or threatens unlawful violence towards another and whose conduct is such as would cause a person of reasonable firmness to fear for his safety may be found guilty of the offence of affray. Affray is punishable under Section 3 of the *Public Order Act 1996* by up to three years’ imprisonment and a fine following conviction on indictment, or six months’ imprisonment and a £5,000 fine following summary conviction. However, for the purposes of this provision a threat cannot be made by the use of words alone. It must be shown that the accused intended to use or threaten violence, or that he was aware that his conduct might be violent or threaten violence.

Section 4 of the *Public Order Act 1986* provides that a person is guilty of an offence punishable by up to six months’ imprisonment and a £5,000 fine if he uses threatening, abusive or insulting words or behaviour towards another person; or distributes or displays to another person any writing, sign or visible representation which is threatening, abusive or insulting; with intent:

- a) to cause that person to believe that immediate unlawful violence will be used against him or another by any person, or
- b) to provoke the immediate use of unlawful violence by that person or another, or

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c) whereby that person is likely to believe that such violence will be used or it is likely that such violence will be provoked.

The offence may be committed in a public or a private place, although no offence is committed where the words or behaviour are used, or the writing, sign or visible representation distributed or displayed, by a person inside a dwelling and the other person is also inside that or another dwelling. A constable may arrest without warrant anyone he reasonably suspects is committing an offence under this section.

Section 6(3) of the 1986 Act provides that a person is guilty of an offence under section 4 only if he intends his words or behaviour, or the writing, sign or visible representation, to be threatening, abusive or insulting, or is aware that it may be threatening, abusive or insulting.

Section 154 of the Criminal Justice and Public Order Act 1994 added a new section, 4A, to the Public Order Act 1986. The new section, which came into force 3 February 1995, created an offence of "causing intentional harassment, alarm or distress", punishable by up to six months' imprisonment and a £5,000 fine. The offence is committed by a person who, with intent to cause a person harassment, alarm or distress, uses threatening, abusive or insulting words or behaviour or disorderly behaviour, or displays any writing, sign or other visible representation which is threatening, abusive or insulting, thereby causing that person harassment, alarm or distress. A constable may arrest without warrant any person he reasonably suspects is committing such an offence.

As with section 4 of the 1986 Act, no offence is committed under section 4A where the words or behaviour are used, or the writing, sign or other visible representation is displayed, by a person inside a dwelling and the person who is harassed, alarmed or distressed is also inside that or another dwelling. It is a defence for a person accused of an offence under section 4A of the 1986 Act to prove that he was inside a dwelling and had no reason to believe that the words or behaviour used, or the writing, sign or other visible representation displayed, would be heard or seen by a person outside that or any other dwelling, or that his conduct was reasonable.

The offence of causing intentional harassment, alarm and distress is an aggravated form of the offence of "disorderly conduct", set out in section 5 of the Public Order Act 1986 and punishable by a fine of up to £1,000. The offence under the 1986 Act applies to threatening, abusive, insulting or disorderly behaviour used, or threatening, abusive or insulting writing, signs and visible representations displayed, within the hearing or sight of a person likely to be caused harassment, alarm or distress thereby. It does not depend on harassment, alarm or distress actually having been caused in the particular case. It is a defence for a person accused of an offence under section 5 to prove that he had no reason to believe that there was any person within hearing or sight who was likely to be caused harassment, alarm or distress, that he was inside a dwelling and had no reason to believe that the words, behaviour, writing, signs, or other visible representation would be heard or seen by a person outside that or any other dwelling, or that his conduct was reasonable.
A person is guilty of an offence under section 5 only if he intends his words or behaviour to be threatening, abusive or insulting or is aware that it may be so, or if he intends his behaviour to be or is aware that it may be disorderly.\textsuperscript{119} A constable may arrest without warrant a person who fails to heed his or another constable’s warning to desist from conduct which the constable reasonably suspects would constitute an offence under this section.

A person who trespasses on land in the open air and does anything which is intended by him to have the effect of intimidating people so as to deter them from engaging in any lawful activity, or of obstructing or disrupting that activity, may be charged with “aggravated trespass”. This is an offence punishable with up to three months’ imprisonment and a £2,500 fine under section 68 of the \textit{Criminal Justice and Public Order Act 1994}.

Where groups of animal rights activists have gathered outside laboratories and other sites the police have sometimes made use of their powers under the \textit{Public Order Act 1986}, as amended by the \textit{Criminal Justice and Public Order Act 1994}, to impose conditions on public assemblies and prohibit “trespassory assemblies”.

- It is an offence punishable by a fine of up to £1,000 for a person to take part in an assembly which he knows is prohibited under these provisions or knowingly to fail to comply with conditions imposed on a public assembly.
- It is an offence, punishable by up to 3 months’ imprisonment and a £2,500 fine, for a person to organise an assembly the holding of which he knows to be prohibited under these provisions, or to organise a public assembly and knowingly fail to comply with conditions imposed upon it.
- It is also an offence punishable by up to 3 months’ imprisonment and a £2,500 fine for a person to incite another to take part in a prohibited assembly or to incite another to fail to comply with conditions imposed on a public assembly.

A number of animal rights activists have been charged under these provisions.\textsuperscript{120}

The Home Office have examined the way in which police addressed all disorderly conduct and the results may indicate ways in which existing laws may be put to more effective use in policing activists. One research study reported that the police made extensive and increasing use of the disorderly conduct offence, under section 5 of the 1986 Act, while other methods of addressing disorderly conduct showed a decline in use.\textsuperscript{121} There was, however, considerable variation between police forces in the choice of provisions used to deal with low-level disorder. The study also found that section 5 offences were most often characterised by abusive and threatening behaviour, the majority of which was directed at the police, or at police and members of the public jointly. Significant minorities of incidents involved violence, again often

\textsuperscript{119} \textit{Public Order Act 1986} s.6
\textsuperscript{120} e.g. “Lab protect man bailed”, \textit{Coventry Evening Telegraph}, 7 November 2000
\textsuperscript{121} David Brown & Tom Ellis, \textit{Policing Low-Level Disorder: Police Use of Section 5 of the Public Order Act 1986} Home Office Research Study 135 (1994) pp vii-viii
directed at the police, or general disorderly behaviour with no apparent focus. In more than a tenth of cases, the police were the sole victims of offensive behaviour. The study noted that:

In some cases, the abuse or violence directed at the police was relatively serious. More often, it was for consideration whether the misbehaviour would have caused a police officer alarm or distress; arrests may have been made to secure respect for the police.¹²²

A subsequent Home Office study noted that half the police forces in England and Wales had used the powers under the 1994 Act in 1995.¹²³ The study concluded that:

Formal action by way of a police caution or prosecution was relatively infrequent. This was because the directions, or even the threat of their use, was commonly found to resolve situations without the need for arrests.

A strong theme emerging from the research was how use of the powers could vary from force to force, division to division and incident to incident. Clearly the pattern of public disorder is not random; however three other factors had a strong influence on these variations. These were:

Police willingness to use the CJPOA powers, with some forces and divisions enthusiastically and frequently applying the powers while others had formal or informal policies which restricted their application; Whether the police had been given prior warning or possible public disorder, and had deployed officers in good time and sufficient numbers for the CJPOA to be utilised; Individual officers’ skills in managing public order situations and keeping the peace. The possibility of the provisions being used could provide a background to public order encounters, but whether and how they were applied depended on the skills and experience of officers.

In the past the police had dealt with situations covered by the CJPOA using pre-existing powers and offences. These included sections of the Public Order Act 1986, common law breach of the peace, public nuisance and criminal damage. On other occasions, when no law or powers were clearly applicable, officers relied on their general authority. Overall, the introduction of the CJPOA did not appear to have led to a significant change in officers’ approach to disorder or an expansion of the types of situation they attended. However, the use of the CJPOA provisions rather than pre-existing powers resulted in officers being placed in a stronger legal position when dealing with cases of disorder.¹²⁴

B. Harassment

In some cases, persistent disorderly conduct might constitute an offence under the Protection from Harassment Act 1997. Section 1 of the 1997 Act makes a general declaration prohibiting a course of conduct amounting to harassment which, if carried out, would give rise to criminal penalties under section 2 or section 4 and may be the subject of a claim in civil proceedings under section 3 of the Act. The conduct amounting to harassment is defined in section 1 as follows:

1. - (1) A person must not pursue a course of conduct-

(a) which amounts to harassment of another, and
(b) which he knows or ought to know amounts to harassment of the other.

(2) For the purposes of this section, the person whose course of conduct is in question ought to know that it amounts to harassment of another if a reasonable person in possession of the same information would think the course of conduct amounted to harassment of the other.

(3) Subsection (1) does not apply to a course of conduct if the person who pursued it shows-

(a) that it was pursued for the purpose of preventing or detecting crime,
(b) that it was pursued under any enactment or rule of law or to comply with any condition or requirement imposed by any person under any enactment, or
(c) that in the particular circumstances the pursuit of the course of conduct was reasonable.

A person who pursues a course of conduct in breach of section 1 is guilty of an offence punishable by up to 6 months’ imprisonment and a £5,000 fine. Section 4 created a more serious, arrestable, criminal offence of carrying out a course of conduct as described in section 1 which puts people in fear of violence.

Section 7 of the 1997 Act provides that references to harassing a person include alarming the person or causing the person distress, that a ‘course of conduct’ must involve conduct on at least two occasions, and that ‘conduct’ includes speech. Section 3 created an arrestable offence which is committed where a person, without reasonable excuse, breaches an injunction prohibiting harassment which has been issued as part of a civil remedy provided for elsewhere in that section.

Harassment is not defined in the Act though section 7 provides that

- references to harassing a person include alarming the person or causing the person distress,
- a ‘course of conduct’ must involve conduct on at least two occasions, and
- ‘conduct’ includes speech.
The definition of ‘harassment’ is the same whether in a civil or a criminal case, although the standard of proof will be higher in a criminal case than in a civil action.

The case of *Huntingdon Life Sciences* is one of a small number of reported cases in which the scope of this definition has been addressed. Huntingdon Life Sciences, in response to a sustained campaign by animal rights protesters, obtained an temporary injunction under the 1997 Act against the British Union for the Abolition of Vivisection (BUAV) and other named defendants. The BUAV successfully applied to have the injunction and the case as a whole struck out on the basis that it had nothing to do with the illegal protests. The appeal judge commented that the 1997 Act ‘was clearly not intended by Parliament to be used to clamp down on the discussion of matters of public interest or upon the rights of political protest and public demonstration which are so much part of our democratic tradition’. In a separate criminal case last year, three boys were convicted of causing harassment under the 1997 Act following what was described as a sustained campaign of bullying their neighbour’s children.

The Act provides three possible defences to a charge or allegation of harassment. Where harassment has been proved, the defendant would have to show one of the following:

1. that the conduct was for the purposes of preventing or detecting crime;
2. it was pursued under an enactment or rule of law; or
3. in the particular circumstances the conduct was reasonable.

The last of these has potentially the widest scope for limiting the scope of the Act. It is for the courts to decide whether the conduct was in fact reasonable in the circumstances.

A Home Office research study evaluating the use and effectiveness of the 1997 Act was published last year. It found that the police were not always clear about what conduct could be taken to constitute harassment within the meaning of the Act and that police officers did not always take action at the right time. The study suggested that there might be a need to review police practice in dealing with harassment cases. Noting the relatively high attrition rate of harassment cases, the study also suggested that cases were not being effectively pursued.

C. Other criminal offences

Common assault, which is a summary offence punishable by up to six months' imprisonment and a £5,000 fine, may be committed where one person intentionally or recklessly causes another person to “apprehend immediate and unlawful personal violence”.

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125 *Huntingdon Life Sciences and anr v Curtin and ors, Times Law Reports*, 11 December 1997
127 section 1(3)
A person who, without lawful excuse, intentionally or recklessly destroys or damages property belonging to another person is guilty of criminal damage, which is punishable under the **Criminal Damage Act 1971** by up to 10 years’ imprisonment following conviction on indictment.

**D. Malicious communications**

Under section 1 of the **Malicious Communications Act 1988** a person who sends a letter or other article to another person that conveys:

1. a message which is indecent or grossly offensive; or
2. a threat; or
3. information which is false and known or believed to be false by the sender; or
4. any other article which is, in whole or in part, of an indecent or grossly offensive nature,

is guilty of an offence punishable by a fine of up to £2,500 if his purpose, or one of his purposes, in sending it is that it should cause distress or anxiety to the recipient or to any other person to whom he intends that it or its contents or nature should be communicated.

Section 2 of the **1988 Act** provides that a person is not guilty of this offence if he shows that the threat was used to reinforce a demand which he believed he had reasonable grounds for making, and that he believed that the use of the threat was a proper means of reinforcing the demand.

Section 43(1) of the **Telecommunications Act 1984** makes it an offence punishable by up to six months' imprisonment and a £5,000 fine for a person to:

1. send, by means of a public telecommunications system, a message or other matter that is grossly offensive or of an indecent, obscene or menacing character; or
2. send, by those means, for the purpose of causing annoyance, inconvenience or needless anxiety to another, a message that he knows to be false or persistently make use for that purpose of a public telecommunications system.

**Halsbury’s Statutes** notes that knowledge is an essential ingredient of this offence and cites case-law to support the view that knowledge includes the state of mind of a person who shuts his eyes to the obvious. It adds that there is authority for saying that where a person deliberately refrains from making inquiries the result of which he might not care to have, this constitutes in law actual knowledge of the facts in question.\(^1\)

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\(^1\) *Halsbury’s Statutes* Fourth Edition, Vol 45, p 193, note to s.43
E. Arrest for breach of the peace

A police constable, or indeed any other person, may make an arrest where a breach of the peace has been committed, is being committed, or where there is reasonable cause to believe that such a breach will be committed or renewed. Individuals who are not police constables need to be aware, however, that they may be liable to actions for wrongful arrest in respect of the exercise of these powers, and may, therefore need to exercise caution, or leave matters to the police. In \textit{R v Howell} the Court of Appeal said that:

There is a breach of the peace whenever harm is actually done or is likely to be done to a person or in his presence to his property or a person is in fear of being harmed through an assault, an affray, a riot, unlawful assembly or other disturbance\textsuperscript{131}

This emphasises that actual or apprehended violence is an essential ingredient of a breach of the peace. People who are arrested under these powers may be brought before magistrates, who may bind them over for a set period (often a year) to be of good behaviour and keep the peace. A person may be bound over whether or not he or she has been convicted of any substantive offence. A person who refuses to be bound over may be imprisoned for up to two months and fined £1,000.

F. Anti-social behaviour orders (ASBOs).

Section 1 of the \textit{Crime and Disorder Act 1998} was intended to enable the police and local authorities to apply to magistrates' courts, asking them to issue anti-social behaviour orders (ASBOs), restraining the activities of particular individuals. Section 1(1) of the 1998 Act provides that:

An application for an order under this section may be made by a relevant authority if it appears to the authority that the following conditions are fulfilled with respect to any person aged 10 or over, namely-

that the person has acted, since the commencement date, in an anti-social manner, that is to say, in a manner that caused or was likely to cause harassment, alarm or distress to one or more persons not of the same household as himself; and

(b) that such an order is necessary to protect persons in the local government area in which the harassment, alarm or distress was caused or was likely to be caused from further anti-social acts by him;

and in this section "relevant authority" means the council for the local government area or any chief officer of police any part of whose police area lies within that area.

\textsuperscript{131} \textit{[1982] QB 416}
Each “relevant authority” must consult the other before making an application to the court for an ASBO.

Section 1(4)-(5) of the 1998 Act provides that:

(4) If, on such an application, it is proved that the conditions mentioned in subsection (1) above are fulfilled, the magistrates’ court may make an order under this section (an “anti-social behaviour order”) which prohibits the defendant from doing anything described in the order.

(5) For the purpose of determining whether the condition mentioned in subsection (1)(a) above is fulfilled, the court shall disregard any act of the defendant which he shows was reasonable in the circumstances.

An ASBO will have effect for at least 2 years. Either the applicant or the person on whom the order has been imposed may apply to the court for it to be discharged. An order cannot, however, be discharged within the first 2 years unless both parties consent.

A person who, without reasonable excuse, does anything which he is prohibited from doing by an ASBO commits an offence punishable by up to 5 years’ imprisonment and a fine following conviction on indictment.

Detailed guidance on the use of anti-social behaviour orders is available on the Home Office website as is guidance for local authorities on drawing up ASBO protocols.

**G. The Criminal Justice and Police Act 2001**

Part I of the *Criminal Justice and Police Act 2001*, which was given Royal Assent on 11 May 2001, enables the police in England and Wales to impose fixed “on the spot” penalties for certain types of disorderly behaviour. Failure to pay the fixed penalty or request a trial may lead to the imposition of a fine equivalent to one and a half times the penalty. The Act also provides measures for dealing with alcohol-related disorder, including powers for local authorities to prohibit the consumption of alcohol in specified public areas and powers for the police and local authorities to take steps to close licensed premises. The provisions of the Bill originally presented in the House of Commons are discussed in more detail in Library research paper 01/10 *The Criminal Justice and Police Bill*.

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132 *Crime and Disorder Act 1998* s.7
133 ibid. s.8
134 ibid s.9
135 ibid. s.10
136 [http://www.homeoffice.gov.uk/cdact/asbo.htm](http://www.homeoffice.gov.uk/cdact/asbo.htm)
137 [http://www.homeoffice.gov.uk/cdact/asboguid.htm](http://www.homeoffice.gov.uk/cdact/asboguid.htm)
138 HC Bill 31 of 2000-2001
On 21 February 2001 Jack Straw, then Home Secretary, announced new measures designed to deal with animal rights extremists and give the scientific community better protection from their activities. These measures, which were inserted as two new clauses of the *Criminal Justice and Police Bill* during the Bill’s committee stage in the House of Commons, were intended to:

- give police constables the power to give directions stopping the harassment of a person in his home. It will be an offence punishable by up to 3 months’ imprisonment and a £2,500 fine for a person knowingly to contravene such a direction and the police will be able to arrest anyone who does so.

- amend the *Malicious Communications Act 1988* to make the sending of hate mail an imprisonable offence, introduce an objective test of what constitutes a belief that a particular behaviour was reasonable, and ensure that the offence under the 1988 Act covers communications sent by electronic means;

A press notice issued by the Department of Trade and Industry (DTI) on 2 March 2001 announced a Government amendment to the Bill to allow company directors who are at serious risk of violence or intimidation to apply to the Secretary of State for permission to file a service address on the company register instead of their home address. A home address would still have to be provided, but it would be kept on a separate, secure register which would only be available for inspection by bodies such as the police. An amendment designed to do this was also added to the Bill as a new Clause during its committee stage in the House of Commons.

During the Bill’s report stage in the House of Commons, a Government amendment was inserted which is designed to deal with acts of collective harassment. The Home Office minister Charles Clarke described the Government’s intentions in introducing the amendment as follows:

> It is already an offence for a group of people to arrange for one person to engage in a course of conduct that harasses another. What is less clear is whether it is an offence for a group to arrange for, say, each member to do just one act of harassment. For instance, one person might order an unwanted taxi to call for the victim, and another might arrange for an unwanted consignment of gravel to be dumped in the victim’s driveway, as in the example given in Committee by the hon. Member for North-East Hertfordshire (Mr. Heald). In such a case, the victim is at the receiving end of a series of harassing experiences, but no offence may have been committed by any one person.

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139 Package of measures to tackle animal rights extremists - Home Office press notice 21.2.2001
140 HC Standing Committee ‘F’ 6 March 2001 cc 430-496
141 Byers acts to protect directors under threat of violence – DTI press notice 2.3.2001
142 HC Standing Committee ‘F’ 6 March 2001 c 512
We believe that, in practice, it is indeed possible that such a group would have to engage in some sort of course of conduct to make and check the necessary arrangements and that, in doing so, its members could well be liable to prosecution directly under the 1997 Act. However, we have concluded that it is prudent to make it explicitly clear that collective harassment of such a nature is no less an offence than a campaign of harassment by one person—"a point made by my hon. Friends the Members for South Thanet and for Peterborough.

Subsection (1) amends section 7 of the 1997 Act, which defines "conduct" and "course of conduct" in sections 1 to 5. It will insert new subsection (3A), which adds to the definition of "conduct". Paragraph (a) provides that conduct by one person shall be taken, at the time it occurs, also to be conduct by another if it is aided, abetted, counselled or procured by that other person.143

He went on to say:

Paragraph (b) provides that the knowledge and purpose of those who aid, abet, counsel or procure such conduct relate to the moment at which the conduct was aided, abetted, counselled or procured, not to when it took place. That will enable knowledge and purpose to be considered in relation to what was planned or should have been expected at the time of planning. Thus the new clause still allows for a defence of reasonableness.

We believe that the new clause will add a valuable measure of protection for individuals such as members of the scientific community against a concerted campaign of harassment. If the 1997 Act were not amended, the perpetrators could escape prosecution; I agree with all members of the Committee who moved amendments and spoke in the debates on those matters that that is unacceptable. That is why we have introduced the measure. We believe profoundly and strongly that we must take all the action we can to protect legal research in this country and ensure that those who engage in that research are properly protected and free from intimidation.144

These amendments became part of the final Act and should provide yet further powers for the police to deal with the increasing problem of ensuring that animal rights protests remain lawful.

143 HC Deb 14 March 2001 cc 1045-1046
144 ibid. c 1047