

ISSN: 1052-5378



Ethical and Moral Issues Relating to Animals

Provided by the [Animal Welfare
Information Center](#)

**United States Department of Agriculture
National Agricultural Library**

January 1986 - February 1993

*United States Department of Agriculture
National Agricultural Library
10301 Baltimore Blvd.
Beltsville, Maryland 20705-2351*

QB 93-29

Quick Bibliography Series

Bibliographies in the Quick Bibliography Series of the National Agricultural Library, are intended primarily for current awareness, and as the title of the series implies, are not indepth exhaustive bibliographies on any given subject. However, the citations are a substantial resource for recent investigations on a given topic. They also serve the purpose of bringing the literature of agriculture to the interested user who, in many cases, could not access it by any other means. The bibliographies are derived from computerized on- line searches of the AGRICOLA data base. Timeliness of topic and evidence of extensive interest are the selection criteria.

The author/searcher determines the purpose, length, and search strategy of the Quick Bibliography. Information regarding these is available upon request from the author/searcher.

Copies of this bibliography may be made or used for distribution without prior approval. The inclusion or omission of a particular publication or citation may not be construed as endorsement or disapproval.

To request a copy of a bibliography in this series, send the series title, series number and self-addressed gummed label to:

U.S. Department of Agriculture
National Agricultural Library
Public Services Division, Room 111
Beltsville, Maryland 20705

Document Delivery information:

Read Bullet 16 on ALF for information on Document Delivery services. Read Bullet 15 for "Electronic Mail Access For Interlibrary Loan (ILL) Requests." If the text of this Quick Bibliography file is copied and/or distributed, please include in all copies, the information provided in these bulletins. Ethical and Moral Issues Relating to Animals January 1986 - February 1993

Quick Bibliography Series: QB 93-29
Updates QB 92-51

323 citations in English from AGRICOLA

Tim Allen

Animal Welfare Information Center

May 1993 National Agricultural Library Cataloging Record:

Allen, Tim

Ethical and moral issues relating to animals.

(Quick bibliography series ; 93-29)

1. Animal welfare--Moral and ethical aspects. I. Title.

aZ5071.N3 no.93-29 AGRICOLA

Citations in this bibliography were entered in the AGRICOLA database between January 1979 and the present.

SAMPLE CITATIONS

Citations in this bibliography are from the National Agricultural Library's AGRICOLA database. An explanation of sample journal article, book, and audiovisual citations appears below.

JOURNAL ARTICLE:

Citation #	NAL Call No.
Article title.	
Author.	Place of publication: Publisher. Journal Title.
Date.	Volume (Issue). Pages. (NAL Call Number).

Example:

1	NAL Call No.: DNAL 389.8.SCH6
Morrison, S.B. Denver, Colo.: American School Food Service Association. School foodservice journal. Sept 1987. v. 41 (8). p.48-50. ill.	

BOOK:

Citation #	NAL Call Number
Title.	
Author.	Place of publication: Publisher, date. Information on pagination, indices, or bibliographies.

Example:

1	NAL Call No.: DNAL RM218.K36 1987
Exploring careers in dietetics and nutrition.	
Kane, June Kozak. New York: Rosen Pub. Group, 1987.	
Includes index. xii, 133 p.: ill.; 22 cm. Bibliography: p. 126.	

AUDIOVISUAL:

Citation #	NAL Call Number
Title.	
Author.	Place of publication: Publisher, date.
Supplemental information such as funding. Media format (i.e., videocassette): Description (sound, color, size).	

Example:

1	NAL Call No.: DNAL FNCTX364.A425 F&N AV
All aboard the nutri-train.	
Mayo, Cynthia. Richmond, Va.: Richmond Public Schools, 1981. NET funded. Activity packet prepared by Cynthia Mayo. 1 videocassette (30 min.): sd., col.; 3/4 in. + activity packet.	

SEARCH STRATEGY

Set	Description
---	-----
S1	(ethic? or moral? or bioethic? or philosoph?) and animal?
S2	S1 not morales
S3	S2 and PY=1986:1993

ETHICAL AND MORAL ISSUES RELATING TO ANIMALS

1 NAL Call. No.: QP1.A2 SUPPL.
100 years of animal welfare regulation and of experiments with animals in Germany, effects and reasons.
Gartner, K.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 106-113; 1986.
Includes references.

Language: English

Descriptors: German federal republic; Animal welfare; Animal experiments; Animal research; Regulations; Law; Bioethics

2 NAL Call. No.: RA1231.T7B45
Acute toxicity testing, public responsibility and scientific challenges. Zbinden, G.
Princeton, N.J. : Princeton Scientific Publishing; 1989.
Benchmarks : alternative methods in toxicology / edited by M.A. Mehlman. p. 3-13; 1989. Includes references.

Language: English

Descriptors: Animal testing alternatives; In vitro; Chemicals; Toxicity; Laboratory animals; Ethics; Toxicology

3 NAL Call. No.: HV4704.A54 1987
Address--prisoners or other nations.
Hollands, C.
London : BVA Animal Welfare Foundation, [1987?]; 1987.
The proceedings of the Animal Welfare Foundation's fourth symposium : entitled the Welfare of animals in captivity, held on 13 May 1987 / edited by T.E. Gibson ; assist editor, D.A. Paterson ; secretary, Gill McConville. p. 42-49; 1987.
(Symposia series ; 1). Includes references.

Language: English

Descriptors: Domestic animals; Wild animals; Zoological gardens; Stress; Animal behavior; Ethics; Animal welfare

4 NAL Call. No.: S494.5.B563A42
The Ag bioethics forum an interdisciplinary newsletter in agricultural bioethics.
Iowa State University
Ames : Iowa State University, 1988-; 1988-9999.
v. : ill. ; 28 cm. Title from caption.

Language: English

Descriptors: Agricultural biotechnology; Periodicals;

Bioethics; Periodicals; Animal welfare; Periodicals

5 NAL Call. No.: HV4711.I6 1986
Against zoos., 1st Perennial Library ed.
Jamieson, D.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 108-117;
1986.

Language: English

Descriptors: U.S.A.; Europe; Animal welfare; Ethics; Zoo
animals; Zoological gardens

6 NAL Call. No.: aHV4701.A952
Agricultural animal care review.
Joiner, G.
Beltsville, Md. : National Agricultural Library, AWIC; 1990
Oct. Animal Welfare Information Center newsletter v. 1 (4): p.
3, 5; 1990 Oct.

Language: English

Descriptors: Livestock; Committees; Bioethics; Animal welfare

7 NAL Call. No.: aHV4701.A952
Agricultural Research Service, USDA publishes new animal care
directives. Guttman, H.
Beltsville, Md. : National Agricultural Library, AWIC; 1990
Oct. Animal Welfare Information Center newsletter v. 1 (4): p.
4, 6; 1990 Oct. Includes references.

Language: English

Descriptors: Committees; Usda; Directives; Animal welfare;
Bioethics

8 NAL Call. No.: HV4932.C6
"Alcoholic" rats (and other alcohol research using animals) a
critique. Cohen, Murry; Young, Constance
National Research Information Center (U.S.), American Anti-
Vivisection Society, National Anti-Vivisection Society
(U.S.), New England Anti-Vivisection Society Jenkintown, Pa. :
American Anti-Vivisection Society,; 1989. vii, 127 p. : ill. ;
26 cm. Cover title. Includes bibliographical references (p.
106-127).

Language: English

Descriptors: Vivisection; United States; Alcoholism; United
States; Animal models; Animal experimentation; United States;
Bioethics; Animal testing alternatives; Animal welfare

9 NAL Call. No.: HV4701.F7
Alternatives to animal experiments in psychiatry.
Stevens, A.
Nottingham, NB : The Journal; 1988.
FRAME news : newsletter of the Fund for the Replacement of
Animals in Medical Experiments (18): p. 6-8. ill; 1988.
Includes references.

Language: English

Descriptors: Animal testing alternatives; Animal experiments;
Ethics; Psychiatry; Mental disorders

10 NAL Call. No.: KF27.S399 1986b
Alternatives to animal use in research and testing hearing
before the Subcommittee on Science, Research, and Technology
of the Committee on Science and Technology, House of
Representatives, Ninety-ninth Congress, second session, May 6,
1986.
United States. Congress. House. Committee on Science and
Technology. Subcommittee on Science, Research, and Technology
Washington, [D.C.] : U.S. G.P.O. : For sale by the Supt. of
Docs., Congressional Sales Office, U.S. G.P.O.,; 1986.
iii, 167 p. : ill. ; 24 cm. Distributed to some depository
libraries in microfiche. Shipping list no.: 86-881-P. No.
130. Bibliography: p. 148.

Language: English; English

Descriptors: Medicine; Research; United States; Animal
experimentation; United States; Moral and ethical aspects;
Vivisection; United States

11 NAL Call. No.: QL51.2.U6A48
Alternatives to animal use in research, testing, and
education. United States, Congress, Office of Technology
Assessment
Washington, D.C. : Congress of the U.S., Office of Technology
Assessment : For sale by the Supt. of Docs., U.S. G.P.O.,;
1986; Y 3.T 22/2-2 An 5. vii, 441 p. : ill. ; 26 cm.
"February 1986"--P. [4] of cover. "OTA-BA-273"--P. [4] of
cover. Includes bibliographies and index.

Language: English; English

Descriptors: Zoology; Research; United States; Medicine;
Research; United States; Animal experimentation; United
States; Moral and ethical aspects; Vivisection; United States

12 NAL Call. No.: RB125.S74
Alternatives to current uses of animals in research, safety
testing, and education a layman's guide.
Stephens, Martin L.
Washington, D.C. (2100 L St., NW, Washington 20037) : Humane
Society of the United States,; 1986.
86 p. : ill. ; 26 cm. Bibliography: p. 85-86.

Language: English

Descriptors: Pathology, Experimental; Methodology; Animal
experimentation; Medicine; Research; Methodology; Medical
ethics; Diseases; Animal models

13 NAL Call. No.: Q1.S37
Animal advocates crusade for the day when animals are freed
from lab cages. Jackson, C.
Philadelphia, Pa. : Institute for Scientific Information :.
1990 Sep03. The scientist v. 4 (17): p. 11, 13; 1990 Sep03.

Language: English

Descriptors: U.S.A.; Animal welfare; Laboratory animals

14 NAL Call. No.: QL750.A6
Animal anxiety and animal suffering.
Rowan, A.N.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.

Applied animal behaviour science v. 20 (1/2): p. 135-142; 1988
Jul. Paper presented at the "Symposium on Animal Bio-ethics
and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Animal welfare; Pain; Anxiety

15 NAL Call. No.: HV4704.A46 1989
Animal care and use policy issues in the 1990s : NIH OPRR/OACU
conference, November 16-17, 1989, Bethesda, Maryland.
National Institutes of Health (U.S.), Office of Protection
from Research Risks, NIH Office of Animal Care and Use
Bethesda, Md. : Office of Animal Care and Use, National
Institutes of Health, [1989?]; 1990.
iii, 79 p. : ill. ; 28 cm.

Language: English

Descriptors: Animal welfare; Laboratory animals; Bioethics

16 NAL Call. No.: SF756.39.A54 1990
Animal ethics committees the role of the veterinarian.
Rose, Margaret; Large, Amanda
N.S.W., Australia : Australian Veterinary Association, NSW
Division,; 1990. v, 96 p. ; 25 cm. April 1990. Cover title.
Proceedings of seminar on Animal Ethics Committees, the role
of the veterinarian, held 2-3 June, 1989, AVA House, Atarmon,
NSW. Includes bibliographical references (p. 88-95).

Language: English

Descriptors: Veterinarians; Veterinary medicine; Animal
welfare; Animal Welfare; Animals, Laboratory

17 NAL Call. No.: HV4701.B4
Animal experimentation: a philosopher's changing views.
Fox, M.A.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.
Between the species : a journal of ethics v. 3 (2): p. 55-60,
75, 80, 82. ill; 1987. Includes references.

Language: English

Descriptors: Animal experiments; Philosophy; Ethics

18 NAL Call. No.: SF405.5.A3
Animal Experimentation Ethics Committees: A matter of
judgement. Stone, M.; Stone, J.
Canberra, A.C.T. : Australian Council for the Care of Animals
in Research and Teaching; 1988.
ACCART news v. 1 (2): p. 1-2; 1988. Includes references.

Language: English

Descriptors: Animal experiments; Bioethics; Committees

19 NAL Call. No.: HV4933.I33C4 1986
Animal experimentation ethics, essential role in research, and
regulation. Chaszeyka, Michael A.
Illinois, General Assembly, Legislative Research Unit
Springfield, Ill. : Illinois Legislative Research Unit,; 1986.
14 leaves ; 28 cm. (Science Office research note ; S-86-7).

Caption title. March 26, 1986. Bibliography: leaves 13-14.

Language: English; English

Descriptors: Animal experimentation; Illinois; Animal experimentation; United States; Bioethics; Animal welfare

20 NAL Call. No.: QP1.A2 SUPPL.
Animal experimentation ethics from an experimenter's point of view. Ehinger, B.E.J.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 69-77; 1986.
Includes references.

Language: English

Descriptors: Animal experiments; Bioethics; Research workers; Committees; Animal welfare

21 NAL Call. No.: HV4955.A5
Animal experimentation report by the Senate Select Committee on Animal Welfare.
Australia, Parliament, Senate, Select Committee on Animal Welfare Canberra : Australian Government Publishing Service,; 1989. xviii, 291 p. ; 25 cm. At head title: The Parliament of the Commonwealth of Australia. Includes bibliographical references (p. 271-283).

Language: English

Descriptors: Animal experimentation; Australia; Vivisection; Australia; Bioethics; Australia

22 NAL Call. No.: HV4915.A64
Animal experimentation the moral issues.
Baird, Robert M.,_1937-; Rosenbaum, Stuart E.
Buffalo, N.Y. : Prometheus Books,; 1991.
182 p. ; 23 cm. (Contemporary issues). Includes bibliographical references.

Language: English

Descriptors: Animal experimentation; Animal rights

23 NAL Call. No.: BL439.5.A55
Animal experimentation: the Muslim viewpoint.
Masri, B.A.
Philadelphia, Pa. : Temple University Press; 1986.
Animal sacrifice : religious perspectives on the use of animals in science / edited by Tom Regan. p. 171-197; 1986.
Includes references.

Language: English

Descriptors: Animal experiments; Use value; Religion; Species; Preservation; Slaughter; Food rationing

24 NAL Call. No.: HV4708.S73
Animal experimentation--practical dilemmas and solutions.
Hampson, J.
Wallingford, Oxon, UK : CAB International; 1989.
The status of animals : ethics, education and welfare / edited by David Paterson and Mary Palmer. p. 100-110; 1989. Includes references.

Language: English

Descriptors: Animal experiments; Animal welfare; Bioethics; Legislation

25 NAL Call. No.: QL750.A6
Animal health implications as a result of future livestock and husbandry developments.
Ekesbo, I.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 95-104; 1988 Jul. Paper presented at the "Symposium on Animal Bio-ethics and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Sweden; Animal health; Breeding programs; Animal husbandry; Disease prevention; Injuries; Bioethics

26 NAL Call. No.: BJ52.5.J68
Animal liberation and vegetarianism.
Sapontzis, S.F.
New York : Taylor & Francis; 1988.
Journal of agricultural ethics v. 1 (2): p. 139-153; 1988.
Includes references.

Language: English

Descriptors: Animal welfare; Ethics; Vegetarianism

27 NAL Call. No.: HV4701.B8
The animal mind: the philosophy.
Ichinose, L.Y.
Chicago, Ill. : The Society; 1986.
Bulletin--the National Anti-Vivisection Society (2): p. 19-22; 1986. Includes references.

Language: English

Descriptors: Animal research; Bioethics; Philosophy

28 NAL Call. No.: 410.9 P94
Animal pain research.
Sessle, B.J.
Joliet, Ill. : American Association for Laboratory Animal Science; 1987 Jan. Laboratory animal science v. 37 (special issue): p. 75-77; 1987 Jan. In the series analytic: Effective animal care and use committees / edited by F.B. Orlans, R.C. Simmonds, W.J. Dodds. Includes references.

Language: English

Descriptors: Animal experiments; Animal research; Pain; Ethics; Guidelines

29 NAL Call. No.: 41.8 AM3
Animal pain, scientific ideology, and the reappropriation of common sense. Rollin, B.
Schaumburg, Ill. : The Association; 1987 Nov15.
Journal of the American Veterinary Medical Association v. 191 (10): p. 1222-1226; 1987 Nov15. Includes references.

Language: English

Descriptors: Animals; Pain; Bioethics; Animal welfare; Animal experiments

30 NAL Call. No.: 470 SCI2
Animal research.
Barnes, D.J.
Washington, D.C. : American Association for the Advancement of Science; 1988 Aug19.
Science v. 241 (4868): p. 888; 1988 Aug19. Includes references.

Language: English

Descriptors: Animal experiments; Animal research; Medical research; Animal welfare; Ethics

31 NAL Call. No.: HV4708.P55
Animal research and ethical conflict an analysis of the scientific literature, 1966-1986.
Phillips, Mary T.; Sechzer, Jeri A.,
New York : Springer-Verlag,; 1989.
xii, 251 p. : ill. ; 24 cm. Includes bibliographical references.

Language: English

Descriptors: Animals, Treatment of; Animal experimentation; Moral and ethical aspects; Animal testing alternatives; Animal welfare

32 NAL Call. No.: A00030
The animal research controversy.
Richmond, G.; Engelman, M.; Krupka, L.R.
Reston, Va. : National Association of Biology Teachers :.; 1990 Nov. The American biology teacher v. 52 (8): p. 467-471; 1990 Nov.

Language: English

Descriptors: Animal experiments; Animal welfare; Public opinion; Surveys

33 NAL Call. No.: 410.9 N483B
Animal rights: a growing moral dilemma.
King, F.W.
Bronx, N.Y. : New York Zoological Society; 1988 Jan.
Animal kingdom v. 91 (1): p. 33-35. ill; 1988 Jan.

Language: English

Descriptors: Animal welfare; Moral values; Endangered species; Habitats; Protection

34 NAL Call. No.: QL55.A1L33
Animal rights advocates: are they threatening human rights?.
Locke, E.A.
New York, N.Y. : Nature Publishing Company; 1989 Jul.
Lab animal v. 18 (5): p. 15; 1989 Jul.

Language: English

Descriptors: Animal welfare; Endangered species; Medical research; Ethics

35 NAL Call. No.: HV4711.A56 1989
Animal rights and human obligations., 2nd ed..
Regan, Tom; Singer, Peter
Englewood Cliffs, N.J. : Prentice Hall,; 1989.
viii, 280 p. ; 21 cm. Includes bibliographies and index.

Language: English

Descriptors: Animals, Treatment of; Animals, Treatment of;
Moral and ethical aspects; Animal welfare

36 NAL Call. No.: 472 N42
Animal rights and wrongs.
London, Eng. : New Science Publications; 1991 Nov23.
New scientist v. 132 (1796): p. 11; 1991 Nov23.

Language: English

Descriptors: Food contamination; Animal experiments; Animal
welfare; Ethics; Pressure groups

37 NAL Call. No.: A00131
"Animal rights," animal research, & human responsibility.
Greenbough, W.T.
Berkeley, CA : Coalition for Animals & Animal Research; 1991.
Coalition for animals & animal research newsletter v. 4 (2):
p. 10-11; 1991.

Language: English

Descriptors: Animal welfare; Animal experiments; Bioethics;
Medical research; Human diseases; Use value

38 NAL Call. No.: HV4708.P75 1989
The animal rights controversy., 1st ed..
Pringle, Laurence
San Diego : Harcourt Brace Jovanovich,; 1989.
vii, 103 p. : ill. ; 24 cm. Includes index. Bibliography: p.
91-96.

Language: English; English

Descriptors: Animal welfare; Moral and ethical aspects

39 NAL Call. No.: HV4711.I6 1986
Animal rights in the political arena., 1st Perennial Library
ed. Hollands, C.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 168-178;
1986.

Language: English

Descriptors: United Kingdom; Animal welfare; Ethics; Politics

40 NAL Call. No.: Q1.S37
Animal rights issues.
Turner, C.H.
Philadelphia, Pa. : Institute for Scientific Information :.;
1990 Nov26. The scientist v. 4 (23): p. 15; 1990 Nov26.

Language: English

Descriptors: Animal welfare; Animal experiments; Moral values

41 NAL Call. No.: 41.8 AM3
Animal rights: some guideposts for the veterinarian.
Tannenbaum, J.
Schaumburg, Ill. : The Association; 1986 Jun01.
Journal of the American Veterinary Medical Association v. 188
(11): p. 1258-1263; 1986 Jun01. Includes 56 references.

Language: English

Descriptors: Animal welfare; Veterinarians; Legal rights;
Moral values

42 NAL Call. No.: BF1.J682
Animal rights versus humanism: the charge of speciesism.
Shapiro, K.J.
Newbury Park, Calif. : Sage Publications; 1990.
Journal of humanistic psychology v. 30 (2): p. 9-37; 1990.
Includes references.

Language: English

Descriptors: Animal welfare; Philosophy; Interest groups;
Politics

43 NAL Call. No.: BL439.5.A55
Animal sacrifice religious perspectives on the use of animals
in science. Regan, Tom
Philadelphia : Temple University Press; 1986.
xii, 270 p. ; 22 cm.. (Ethics and action). Includes
bibliographies.

Language: English

Descriptors: Animal experimentation; Religious aspects; Animal
experimentation; Moral and ethical aspects; Animals; Religious
aspects

44 NAL Call. No.: QL750.A6
Animal stress and strain: definition and measurements.
Yousef, M.K.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 119-126. ill;
1988 Jul. Paper presented at the "Symposium on Animal Bio-
ethics and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Animal welfare; Stress; Environment; Physical
strain; Animal behavior; Animal experiments

45 NAL Call. No.: QL750.A6
Animal suffering: the appraisal and control of depression and
distress in livestock.
Fraser, A.F.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 127-133; 1988
Jul. Paper presented at the "Symposium on Animal Bio-ethics
and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Animal welfare; Pain; Stress; Abnormal behavior;
Depression; Bioethics

46 NAL Call. No.: S1.A375
Animal welfare.
Elliot, J.I.
Ottawa : Agrican Publishers, Inc; 1986.
Agrologist v. 15 (2): p. 10-11. ill; 1986.

Language: English

Descriptors: Canada; Animal welfare; Intensive livestock farming; Animal husbandry; Livestock sector; Philosophy

47 NAL Call. No.: Videocassette no.972
The Animal Welfare Act philosophy and intent.
Ewald, Bruce H.
American College of Toxicology, Meeting_1990 : _Orlando, Fla.), Production Plus, Inc
Symposium: Animal Welfare Compliance for Study Directors 1990 : Orlando, Fla. Closter, N.J. : Production Plus, Inc., [1990?]; 1990.
1 videocassette (14 min., 40 sec.) : sd., col. ; 1/2 in. VHS.
Videotape of a presentation at Symposium: Animal Welfare Compliance for Study Directors; presented at the Eleventh Annual Meeting of the American College of Toxicology, Orlando, Fla., Oct. 1990.

Language: English

Descriptors: Animal welfare

Abstract: The history and intent of the Animal Welfare Act and the participatory development of regulations is presented. The specific responsibilities of the IACUC and the study director and principal investigator are outlined. The physiology of the USDA to refine skills and develop appropriate attitudes through education is described.

48 NAL Call. No.: QL750.A6
Animal welfare and human welfare.
Langford, M.J.
Amsterdam : Elsevier Science Publishers, B.V.; 1989 Feb.
Applied animal behaviour science v. 22 (2): p. 95-103; 1989 Feb. In the series analytic: Behaviour and Welfare / edited by A.F. Fraser and D. Bryant. Includes references.

Language: English

Descriptors: Animal welfare; Social welfare; Ethics; Moral values

49 NAL Call. No.: SF601.J62
Animal welfare and societal concerns: an interdisciplinary curriculum. Glickman, N.W.; Glickman, L.T.; Torrence, M.E.; Beck, A.M. Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1991.
Journal of veterinary medical education v. 18 (2): p. 60-63; 1991. Includes references.

Language: English

Descriptors: U.S.A.; Animal welfare; Ethics; Veterinary education; College curriculum

50 NAL Call. No.: SF961.A5
Animal welfare, animal rights, agriculture, and veterinary

medicine: changing social ethics and the food animal practitioner.
Rollin, B.E.
Stillwater, Okla. : The Association; 1991 Jan.
Proceedings of the ... annual convention - American Association of Bovine Practitioners (23rd): p. 140-145; 1991 Jan. Meeting held on Sept 13-16, 1990, Indianapolis, Indiana. Includes references.

Language: English

Descriptors: Livestock; Animal welfare; Veterinary medicine; Veterinarians; Ethics

51 NAL Call. No.: 49 J82
Animal welfare, animal rights and agriculture.
Rollin, B.E.
Champaign, Ill. : American Society of Animal Science; 1990 Oct. Journal of animal science v. 68 (10): p. 3456-3461; 1990 Oct. Includes references.

Language: English

Descriptors: Animal welfare; Bioethics; Legislation; Moral values; Social values; Animals; Intensive livestock farming; Animal husbandry

52 NAL Call. No.: 47.8 AM33P
Animal welfare: ethical aspects and practical considerations.
Hurnik, J.F.
Champaign, Ill. : Poultry Science Association; 1990 Nov. Poultry science v. 69 (11): p. 1827-1834; 1990 Nov. Includes references.

Language: English

Descriptors: Livestock; Animal welfare; Bioethics; Basic needs

53 NAL Call. No.: SF781.A542
The animal welfare movement--European perspective.
Grommers, F.J.
New York, N.Y. : Animal & Human Health, Inc; 1988. Animal & human health v. 1 (1): p. 5-10. ill; 1988. Includes references.

Language: English

Descriptors: Europe; Animal welfare; Policy; Ethics; European communities; Directives

54 NAL Call. No.: QL750.A6
Animal welfare practice: primary factors and objectives.
Fraser, A.F.
Amsterdam : Elsevier Science Publishers, B.V.; 1989 Feb. Applied animal behaviour science v. 22 (2): p. 159-176; 1989 Feb. In the series analytic: Behaviour and Welfare / edited by A.F. Fraser and D. Bryant. Includes references.

Language: English

Descriptors: Animal welfare; Ethics; Animal production; Veterinary practice; Pain; Animal health; Stress

55 NAL Call. No.: A00025
Animal welfare tests the waters of a human-dolphin bond

project. Capaldo, T.
New Gloucester, Me. : s.n. :.; 1989.
PsyETA - Psychologists for the Ethical Treatment of Animals
bulletin v. 8 (2): p. 7-8; 1989. Includes references.

Language: English

Descriptors: Animal welfare; Ethics; Dolphins; Bonds;
Projects; Aquatic environment

56 NAL Call. No.: BJ1012.M37 1986
Animals and the value of life., 2nd ed.
Singer, P.
New York : Random House; 1986.
Matters of life and death : new introductory essays in moral
philosophy / Tom L. Beauchamp ... [et al.] ; edited by Tom
Regan. p. 338-380; 1986. Includes references.

Language: English

Descriptors: Animals; Values; Animal welfare; Bioethics; Moral
values; Man

57 NAL Call. No.: 410 B77
Animals in behavioural research.
Driscoll, J.W.; Bateson, P.
London : Bailliere Tindall; 1988 Nov.
Animal behaviour v. 36 (6): p. 1569-1574. ill; 1988 Nov.
Includes references.

Language: English

Descriptors: Animal research; Animal behavior; Ethics; Animal
welfare; Animal experiments

Abstract: The value of using animals in scientific studies of
behaviour is discussed in the context of recent controversies
about animal rights and the increasing regulation of research
that involves animals. The special contribution that can be
made by ethologists is emphasized.

58 NAL Call. No.: QL750.A6
Animals in food production--American issues.
Curtis, S.E.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 151-157; 1988
Jul. Paper presented at the "Symposium on Animal Bio-ethics
and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: U.S.A.; Animal production; Animal welfare;
Agricultural policy; Animal research; Bioethics

59 NAL Call. No.: QH31.S3A5 1988
Animals, Nature and Albert Schweitzer.. Animals, Nature &
Albert Schweitzer, Rev. ed..
Free, Ann Cottrell
Washington, D.C. : Flying Fox Press,; 1988.
xiii, 81 p. : ill. ; 23 cm. On cover: Animals, Nature &
Albert Schweitzer. Includes bibliographical references (p.
74-75).

Language: English

Descriptors: Schweitzer, Albert; Nature lists; Biography;
Animals, Treatment of; Bioethics; Animal welfare

60 NAL Call. No.: HV4915.A5
Animals, science, and ethics.
Donnelley, Strachan; Nolan, Kathleen
Briarcliff Manor, NY : Hastings Center,; 1990.
32 p. ; 28 cm. Cover title. A special supplement to Hastings
Center report, May/June 1990. Includes bibliographic
references.

Language: English

Descriptors: Animal experimentation

61 NAL Call. No.: aZ7994.A56G5
An annotated bibliography of selected materials concerning the
philosophy of animal rights.
Gleason, Sean J.; Swanson, Janice C.
Animal Welfare Information Center (U.S.)
Beltsville, Md. : U.S. Dept. of Agriculture, National
Agricultural Library, Animal Welfare Information Center,;
1988; A 17.18/2:An 5. [17] p. ; 28 cm. October 1988.

Language: English

Descriptors: Human-animal relationships; Bibliography

62 NAL Call. No.: Z7994.L3A5
An approach to pain in research animals.
Adams, D.B.
Nottingham : Fund for the Replacement of Animals in Medical
Experiments; 1988 Dec.
Alternatives to laboratory animals : ATLA v. 16 (2): p.
145-154; 1988 Dec. Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Pain;
Anesthesia; Ethics; Diagnosis; Treatment; Animal welfare

63 NAL Call. No.: HV4701.B4
Aquinas' inconsistency on the nature and the treatment of
animals. Barad, J.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1988.
Between the species : a journal of ethics v. 4 (2): p.
102-111. ill; 1988. Includes references.

Language: English

Descriptors: Animal welfare; Bioethics

64 NAL Call. No.: QL750.A6
Are problems posed by genetically engineered animals?.
Church, R.B.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 73-82. ill;
1988 Jul. Paper presented at the "Symposium on Animal Bio-
ethics and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Canada; Animal breeding; Reproduction; Genetic

engineering; Dna; Bioethics; Ethics

65 NAL Call. No.: QP1.A2 SUPPL.
Arguments against tighter restrictions on the use of animals
and in favor of experimenter-regulated research.
Sinclair, J.D.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 243-258; 1986.

Language: English

Descriptors: Animal welfare; Animal research; Bioethics;
Regulations; Scientists; Legislations

66 NAL Call. No.: HV4877.A43E96
Aspects of animal symbolism among the Tukulor of Senegal.
Dilley, R.M.
Aberdeen [Scotland] : Aberdeen University African Studies
Group; 1988. The Exploitation of animals in Africa :
proceedings of a colloquium at the University of Aberdeen,
March 1987 / edited by Jeffrey C. Stone. p. 265-276; 1988.
Includes references.

Language: English

Descriptors: Senegal; Animals; Symbols; Social classes;
Cultural influences; Moral values; Cultural values

67 NAL Call. No.: 41.8 V641
Aspects of farm animal welfare.
Oldham, J.
London : British Veterinary Association; 1988 Jan02.
The Veterinary record v. 122 (1): p. 20; 1988 Jan02. Includes
references.

Language: English

Descriptors: Domestic animals; Animal welfare; Farming;
Bioethics; Legislation

68 NAL Call. No.: 410 B77
Assessment of pain in animals.
Bateson, P.
London : Academic Press; 1991 Nov.
Animal behaviour v. 42 (pt.5): p. 827-839; 1991 Nov. Includes
references.

Language: English

Descriptors: Animal welfare; Pain; Assessment

Abstract: Judgements about pain and suffering in animals are
required by the law of many countries and by many professional
guidelines. Nevertheless, such assessments raise many
problems, even in humans. Furthermore, an appeal to
continuities between humans and other animals is clouded when,
as is still the case, both the evolution and the function of a
subjective sense of pain are obscure. Despite these
difficulties, the criteria that lead to the judgement that a
human is in pain can be generalized with substantial measure
of agreement to other animals. This generalization is done on
the basis of uncovering comparable mechanisms and comparable
behaviour; then the whole cluster of features found in the
animal is used to make the judgement. The less similar the
animal to a human and the less complex it is, the more
difficult is the assessment. The fuzziness of the boundary,

between those animals that are judged to feel pain and those that are not does not invalidate the process of assessment. However, the extent to which an animal is given the benefit of the doubt clearly depends on the empathy a person feels for it as well as the type of ethical concerns that motivate the person.

69 NAL Call. No.: S605.5.I45 1984
Basic principles of species appropriate animal production and its ethical, ethological and constructional consequences.
Rist, M.; Bar, M.
Witzenhausen : Verlagsgruppe Witzenhausen; 1986.
The importance of biological agriculture in a world of diminishing resources : proc of the 5th IFOAM Int Scientific Conference at the Univ of Kassel (Germany), Aug 27-30, 1984 / H. Vogtmann, E. Boehncke, I. Fricke, eds. p. 332-338. ill; 1986. Includes references.

Language: English

Descriptors: German federal republic; Switzerland; Animal welfare; Animal housing; Species; Animal behavior; Ethics; Animal production

70 NAL Call. No.: HV4704.A77
Behavioural investigation of pain in animals.
Zimmermann, M.
Brussels : Directorate-General for Agriculture, Coordination of Agricultural Res; 1986.
Assessing pain in farm animals : proceedings of a workshop held in Roslin, Scotland, 25 and 26 October 1984 / edited by I.J.H. Duncan, V. Molony. p. 16-29; 1986. (EUR ; 9742 EN). Includes references.

Language: English

Descriptors: Laboratory animals; Pain; Assessment; Ethics; Animal welfare; Social behavior; Research methodology; Neurophysiology; Animal behavior

71 NAL Call. No.: HV4704.B5
Bio-ethics 89 a report of the proceedings of an international symposium on the control of the use of animals in scientific research.
Animal Welfare Foundation of Canada
Cobourg, Ont. : Animal Welfare Foundation of Canada, [1989?]; 1989. 185 p. ; 23 cm. Cover title. Conference held on July 6-7, 1989, Ottawa. Includes bibliographical references.

Language: English

Descriptors: Animal welfare; Laboratory animals; Bioethics

72 NAL Call. No.: QL750.A6
Bioethics, behaviour and rational animal care.
Amsterdam : Elsevier Science Publishers B.V.; 1986 Dec.
Applied animal behaviour science v. 16 (4): p. 301-302; 1986 Dec.

Language: English

Descriptors: Animal behavior; Bioethics; Animal husbandry; Ethics; Animal welfare

73 NAL Call. No.: 309.8 IN2

Biomedical Researchers: Are they angels--or Murderers?.

Cassidy, R.

Barrington, Ill. : Technical Pub. :.; 1991 Sep.

Research & development v. 33 (10): p. 13; 1991 Sep.

Language: English

Descriptors: Animal experiments; Animal welfare

74

NAL Call. No.: 381 J825N

Biomedical researchers work to counter animal rights agenda.

Baum, R.M.

Washington, D.C. : American Chemical Society; 1990 May07.

Chemical and engineering news v. 68 (19): p. 9-16, 21-24; 1990

May07.

Language: English

Descriptors: Animal experiments; Animal welfare; Terrorism

75

NAL Call. No.: aZ5071.N3

Biotechnology and bioethics--January 1979-March 1991.

Warmbrodt, R.D.

Beltsville, Md. : The Library; 1991 Jun.

Quick bibliography series - U.S. Department of Agriculture,

National Agricultural Library (U.S.). (91-112): 7 p.; 1991

Jun. Bibliography.

Language: English

Descriptors: Bioethics; Animal experiments; Biotechnology;

Animal welfare; Bibliographies

76

NAL Call. No.: HV4711.I6 1986

Brave new farm?., 1st Perennial Library ed.

Mason, J.

New York : Perennial Library, 1986; 1986.

In defense of animals / edited by Peter Singer. p. 89-107;

1986.

Language: English

Descriptors: Animal welfare; Ethics; Poultry farming; Cage

rearing; Pig farming; Factory farming

77

NAL Call. No.: Videocassette no.558

Breaking barriers produced by People for the Ethical Treatment of Animals. People for the Ethical Treatment of Animals

Washington, D.C. : PETA; 1986.

1 videocassette (16 min.) : sd., col. ; 1/2 in. VHS format.

A PETA video.

Language: English

Descriptors: Animals, Treatment of; Laboratory animals;

Housing; Animal experimentation; Animal welfare

78

NAL Call. No.: HV4701.A34

Bringing us together.

Grandy, J.W.

Boston, Mass. : Martinus Nijhoff Publishers; 1986-1987.

Advances in animal welfare science. p. 145-148; 1986-1987.

Paper presented at the Joint Annual Meeting of the

Pennsylvania Academy of Science and the Pennsylvania Chapter

of the Wildlife Society, April 18, 1986, Seven Springs,

Pennsylvania. Includes references.

Language: English

Descriptors: Animal welfare; Bioethics; Wildlife; Research

79 NAL Call. No.: Videocassette no.554

"Britches" produced by People for the Ethical Treatment of

Animals; compiled by Lori Gruen.

People for the Ethical Treatment of Animals

Washington, D.C. : PETA; 1986.

1 videocassette (16 min.) : sd., col. ; 1/2 in. VHS format.

"A PETA video"--Container.

Language: English

Descriptors: Animals, Treatment of; Laboratory animals; Animal experimentation; California; Animal welfare

80 NAL Call. No.: QP1.A2 SUPPL.

Burn research--animal experiments.

Asko-Seljavaara, S.

Stockholm : Blackwell Scientific Publications; 1986.

Acta physiologica Scandinavica v. 128 (554): p. 209-213; 1986.

Paper presented at the "Second CFN Symposium on the Ethics of Animal Experimentation," August 12-14, 1985, Stockholm, Sweden. Includes references.

Language: English

Descriptors: Animal experiments; Burns; Medical research

81 NAL Call. No.: HV4711.A56 1989

The case against animal rights., 2nd ed.

Frey, R.G.

Englewood Cliffs, N.J. : Prentice Hall; 1989.

Animal rights and human obligations / edited by Tom Regan, Peter Singer. p. 115-118; 1989. Includes references.

Language: English

Descriptors: Animal welfare

82 NAL Call. No.: HV4701.A34

A case against animal rights.

Narveson, J.

Boston : Martinus Nijhoff Publishers; 1986-1987.

Advances in animal welfare science. p. 191-204; 1986-1987.

Paper presented at the conference on "Animals and Humans: Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986. Includes references.

Language: English

Descriptors: Animal welfare; Philosophy; Moral values; Ethics

83 NAL Call. No.: HV4701.A34

The case against intensive farming of food animals.

Mickley, L.D.; Fox, M.W.

Boston : Martinus Nijhoff Publishers; 1986-1987.

Advances in animal welfare science. p. 257-272; 1986-1987.

Paper presented at the conference on "Animals and Humans: Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986. Includes references.

Language: English

Descriptors: Livestock; Poultry; Intensive husbandry; Animal welfare; Productivity; Environmental degradation; Technical progress

84 NAL Call. No.: HV4711.A56 1989
The case against raising and killing animals for food., 2nd ed. Gruzalski, B.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan, Peter Singer. p. 176-191; 1989. Includes references.

Language: English

Descriptors: Animal welfare; Vegetarians; Food production

85 NAL Call. No.: HV4701.A34
The case against the use of animals in science.
Barnes, D.J.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 215-225; 1986-1987.
Paper presented at the conference on "Animals and Humans: Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986.
Includes references.

Language: English

Descriptors: Laboratory animals; Animal welfare; Medical research; Animal testing alternatives; Use value

86 NAL Call. No.: HV4915.F67
The case for animal experimentation an evolutionary and ethical perspective. Fox, Michael Allen
Berkeley : University of California Press,; 1986.
xii, 262 p. ; 24 cm. Includes index. Bibliography: p. [241]-254.

Language: English

Descriptors: Vivisection; Animal experimentation; Vivisection; Moral and ethical aspects; Animal experimentation; Moral and ethical aspects

87 NAL Call. No.: HV4711.A56 1989
The case for animal rights., 2nd ed.
Regan, T.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan, Peter Singer. p. 105-114; 1989. Includes references.

Language: English

Descriptors: Animal welfare

88 NAL Call. No.: HV4701.A34
The case for animal rights.
Regan, T.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 179-189; 1986-1987.
Paper presented at the conference on "Animals and Humans: Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986.

Language: English

Descriptors: Animal welfare; Moral values; Ethics; Philosophy

89 NAL Call. No.: HV4711.I6 1986
The case for animal rights., 1st Perennial Library ed.
Regan, T.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 13-26;
1986.

Language: English

Descriptors: Animal welfare; Ethics; Pain

90 NAL Call. No.: HV4701.A34
The case for hunting.
Robinson, W.L.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 273-281; 1986-1987.
Paper presented at the conference on "Animals and Humans:
Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986.
Includes references.

Language: English

Descriptors: U.S.A.; Canada; Europe; Animal sports; Hunting;
Ecology; Interest groups; Wildlife conservation; Attitudes

91 NAL Call. No.: HV4701.A34
The case for hunting on national wildlife refuges.
Nelson, H.K.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 283-294. maps;
1986-1987. Paper presented at the conference on "Animals and
Humans: Ethical Perspectives," Moorhead, Minnesota, April
21-23, 1986. Includes references.

Language: English

Descriptors: Hunting; Wildlife parks; Wildlife management;
Recreation; Use value; Animal sports

92 NAL Call. No.: HV4701.A34
The case for intensive farming of food animals.
Curtis, S.E.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 245-255. ill;
1986-1987. Paper presented at the conference on "Animals and
Humans: Ethical Perspectives," Moorhead, Minnesota, April
21-23, 1986. Includes references.

Language: English

Descriptors: Livestock; Intensive husbandry; Ecology;
Profitability; Stress; Animal welfare

93 NAL Call. No.: HV4711.A56 1989
The case for restricting research using animals., 2nd ed.
Midgley, M.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 216-222; 1989. Includes references.

Language: English

Descriptors: Animal research; Animal welfare; Regulations

94 NAL Call. No.: HV4701.A34
The case for the use of animals in medicine.
Merrill, G.F.
Boston, Mass. : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 227-243; 1986-1987.
Includes references.

Language: English

Descriptors: Animal experiments; Medical research; Usage;
Education; Animal research; Bioethics

95 NAL Call. No.: HV4701.A34
The case for the use of animals in science.
Will, J.A.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 205-213; 1986-1987.
Paper presented at the conference on "Animals and Humans:
Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986.
Includes references.

Language: English

Descriptors: Laboratory animals; Medical research; Teaching;
Use value

96 NAL Call. No.: HV4711.A56 1989
The case for unrestricted research using animals., 2nd ed.
Gallistel, C.R.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 209-215; 1989. Includes references.

Language: English

Descriptors: Animal research; Animal welfare

97 NAL Call. No.: 410.9 P94
Case studies of ethical dilemmas.
Orlans, F.B.
Joliet, Ill. : American Association for Laboratory Animal
Science; 1987 Jan. Laboratory animal science v. 37 (special
issue): p. 59-64; 1987 Jan. In the series analytic: Effective
animal care and use committees / edited by F.B. Orlans, R.C.
Simmonds, W.J. Dodds. Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Ethics;
Animal welfare; Committees

98 NAL Call. No.: 275.9 N213
Case study: Integration of animal welfare philosophy.
Hixson, M.K.; Avens, J.S.
Urbana, Ill. : The Association; 1986 Jun.
NACTA journal - National Association of Colleges and Teachers
of Agriculture v. 30 (2): p. 12-15; 1986 Jun. Includes
references.

Language: English

Descriptors: Animal welfare; Instruction; Teaching methods

99 NAL Call. No.: Z7994.L3A5
A case study on the impact of clinically-observed abnormalities in mice with gallstones on the ethical admissibility of a projected experiment with gallstone-bearing mice.
Stafleu, F.R.; Heeger, F.R.; Beynen, A.C.
Nottingham : Fund for the Replacement of Animals in Medical Experiments; 1989 Dec.
Alternatives to laboratory animals : ATLA v. 17 (2): p. 101-108; 1989 Dec. Includes references.

Language: English

Descriptors: Mice; Pain; Biliary calculi; Bioethics

Abstract: An attempt was made to study the impact of clinically-observed abnormalities in mice with gallstones on the ethical admissibility of a proposed experiment using gallstone-bearing mice. Three groups of respondents completed a questionnaire based on a hypothetical protocol of a proposed experiment using gallstone-bearing mice. Differing information was given in the protocols concerning abnormalities in gallstone-bearing mice. Respondents were asked to judge, using a scoring system, the ethical admissibility of the proposed experiment and the degree of discomfort for the mice. Respondents were also asked to defend their admissibility judgements and discomfort scores. Respondents given clinical information considered the degree of discomfort to be more serious than respondents without such information. Respondents given information indicated that their estimate of discomfort was based principally on the clinical information provided. Respondents without clinical information mentioned the lack of such information as a handicap to assessing discomfort properly. Scores on ethical admissibility of the proposed experiment were found to be unaltered by the clinical information. Judgement of the ethical admissibility was based mainly on the anticipated human benefits to be gained by performing the experiment. It is stressed that the specific character of the present study does not allow generalisation of its outcome.

100 NAL Call. No.: Videocassette no.806
Challenge of animals in research Peter A. Doris.
Doris, Peter A.
Texas Tech University, Health Sciences Center
Lubbock, TX : Texas Tech University Health Sciences Center; 1989. 1 videocassette (30 min.) : sd., col. ; 3/4 in. (Animal research training series). U-Matic.

Language: English

Descriptors: Animal models in research; Animal models in research; Law and legislation; United States; Animal welfare; Laboratory animals

Abstract: Examines the current social factors and ethical background affecting the use of animals in research. Describes some of the conflicts which exist in this issue as well as the mechanisms in place to assure humane animal use in experimentation.

101 NAL Call. No.: Videocassette no.807
Challenge of animals in research Peter A. Doris.
Doris, Peter A.
Texas Tech University, Health Sciences Center
Lubbock, TX : Texas Tech University Health Sciences Center; 1989. 1 videocassette (30 min.) : sd., col. : 1/2 in. (Animal research training series). VHS.

Language: English

Descriptors: Animal models in research; Animal models in research; Law and legislation; United States; Animal welfare; Laboratory animals

Abstract: Examines the current social factors and ethical background affecting the use of animals in research. Describes some of the conflicts which exist in this issue as well as the mechanisms in place to assure humane animal use in experimentation.

102 NAL Call. No.: QL751.P4

The changing image of the hunt in western thought.
Cartmill, M.

New York, N.Y. : Plenum Press; 1991.

Perspectives in ethology v. 9: p. 237-260; 1991. In the series analytic: Human understanding and animal awareness / edited by P.P.G. Bateson and P.H. Klopfer. Includes references.

Language: English

Descriptors: Hunting; Attitudes; Bioethics; Animal welfare; History

Abstract: Throughout the history of Western culture, hunting has been a symbolic marker of the boundary between the human domain and the wild. Attitudes toward hunting have accordingly reflected changing views of the meaning of that boundary. In classical antiquity, the hunter was characteristically depicted as a warrior on the side of order, battling against the chaotic wilderness. Today, the wilderness is commonly admired as a locus of order and harmony, and the hunter is seen as a participant in that order (by hunters) or a threat to it (by opponents of hunting). This shift in attitudes toward the wilderness dates back to the eighteenth century, and it has been ascribed to reaction against the rise of industrial capitalism. However, antihunting sentiment materialized in Western literature 200 years before that. Its appearance in the Renaissance and its subsequent spread reflect the growth of doubts about the importance and significance of the human-animal boundary.

103 NAL Call. No.: SF601.J62

Changing social ethics on animals and veterinary medical education. Rollin, B.E.

Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1990.

Journal of veterinary medical education v. 17 (1): p. 2-7; 1990. Comments by A. Schwartz on p. 6-7.

Language: English

Descriptors: U.S.A.; Veterinary education; Laboratory animals; Teaching methods; Animal experiments; Ethics; Moral values; Animal welfare; Animal testing alternatives

104 NAL Call. No.: SF487.D7

Chicken and egg who pays the price?.

Druce, Clare

London Green Print,; 1989.

viii, 102 p. ; 20 cm. Includes bibliographical references (p. 98-102).

Language: English

Descriptors: Poultry plants; Great Britain; Moral and ethical aspects; Animal welfare; Great Britain

105 NAL Call. No.: HV4701.F7
Chimpanzees and the fight against AIDS.
Nottingham, NB : The Journal; 1988.
FRAME news : newsletter of the Fund for the Replacement of
Animals in Medical Experiments (18): p. 3-5. ill; 1988.

Language: English

Descriptors: Chimpanzee; Animal experiments; Viral diseases;
Medical research; Moral values; Animal welfare

106 NAL Call. No.: SF955.E6
Chronic stress in riding horses.
Odberg, F.O.
London : British Equine Veterinary Association; 1987 Jul.
Equine veterinary journal v. 19 (4): p. 268-269; 1987 Jul.
Includes references.

Language: English

Descriptors: Horses; Stress; Training (animal); Animal
welfare; Ethics

107 NAL Call. No.: 410 IN84
A CIOMS ethical code for animal experimentation.
Howard-Jones, N.
Oslo, Norway : The International Council for Laboratory Animal
Science; 1986. ICLAS bulletin. p. 29-38; 1986. Includes
references.

Language: English

Descriptors: Animal experiments; Medical research;
Legislations; Regulations; Animal welfare; Animal testing
alternatives

108 NAL Call. No.: HV4704.A54 1987
Circus animals.
Morris, J.
London : BVA Animal Welfare Foundation, [1987?]; 1987.
The proceedings of the Animal Welfare Foundation's fourth
symposium : entitled the Welfare of animals in captivity, held
on 13 May 1987 / edited by T.E. Gibson ; assist editor, D.A.
Paterson ; secretary, Gill McConville. p. 76-77; 1987.
(Symposia series ; 1).

Language: English

Descriptors: Wild animals; Domestic animals; Displays;
Environment; Shelter; Ethics; Animal sports; Animal welfare

109 NAL Call. No.: A00069
Clash over experiments on animals.
Detjen, J.
Washington, D.C. : The Washington Post Co; 1990 Jun12.
The Washington post v. 189: p. 6; 1990 Jun12.

Language: English

Descriptors: U.S.A.; Animal welfare; Animal experiments;
Public opinion

110 NAL Call. No.: HV4701.A45
Classroom dissection: the right to refuse.
Moran, V.
Westport, Conn. : Animal Rights Network; 1987 Sep.
The Animals' agenda v. 7 (7): p. 41; 1987 Sep.

Language: English

Descriptors: California; Animal welfare; Ethics; Animal
experiments; Secondary education

111 NAL Call. No.: QL750.A6
Clinical ethology in food animal practice.
Luescher, U.A.; Friendship, R.M.; Lissemore, K.D.; McKeown,
D.B. Amsterdam : Elsevier Science Publishers, B.V.; 1989 Feb.
Applied animal behaviour science v. 22 (2): p. 191-214; 1989
Feb. In the series analytic: Behaviour and Welfare / edited
by A.F. Fraser and D. Bryant. Literature review. Includes
references.

Language: English

Descriptors: Livestock; Veterinary practice; Ethics; Animal
behavior; Behavior problems; Economic impact

112 NAL Call. No.: 41.8 R3224
Clinical veterinary ethology in food animals.
Luescher, U.A.; McKeown, D.B.
Ottawa : Canadian Veterinary Medical Association; 1987 Jun.
The Canadian veterinary journal; La Revue veterinaire
canadienne v. 28 (6): p. 304-305. ill; 1987 Jun. Includes
references.

Language: English

Descriptors: Animal behavior; Animal welfare; Veterinary
practice; Ethics

113 NAL Call. No.: QP1.A2 SUPPL.
Comment on ethical committees.
Rankin, J.D.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 169-171; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of
Animal Experimentation," August 12-14, 1985, Stockholm,
Sweden. Includes references.

Language: English

Descriptors: United Kingdom; Animal welfare; Ethics;
Committees; Inspection

114 NAL Call. No.: SF411.5.C66
Companion animals in society report of a working party,
Council for Science and Society.
Council for Science and Society
Oxford [England] ; New York : Oxford University Press,; 1988.
xv, 78 p. ; 21 cm. Bibliography: p. 75-78.

Language: English; English

Descriptors: Pets; Great Britain; Pets; Social aspects; Great
Britain; Pets; Moral and ethical aspects; Great Britain; Pet
owners; Great Britain

115 NAL Call. No.: 41.8 AM3
Comparison of the general moral reasoning of small animal
veterinarians vs large animal veterinarians.
Self, D.J.; Safford, S.K.; Shelton, G.C.
Schaumburg, Ill. : The Association; 1988 Dec15.
Journal of the American Veterinary Medical Association v. 193
(12): p. 1509-1512; 1988 Dec15. Includes references.

Language: English

Descriptors: Veterinarians; Pet animals; Livestock; Moral
values; Sex differences; Tests; Social values; Ethics

116 NAL Call. No.: HV4702.H85
Compassion: the boundless circle.
Fox, M.W.
Washington, D.C. : The Humane Society of the United States;
1988. The Humane Society of the United States News v. 33 (2):
p. 26-27. ill; 1988.

Language: English

Descriptors: Animal welfare; Bioethics; Moral values; Animal
testing alternatives; Ecology; Environmental protection

117 NAL Call. No.: HV4701.B44
Computer models and animal experiments: academic, financial
and ethical considerations.
Hewitt, G.
Hamilton, N.Z. : Animal Archives; 1988 Jul.
Behavioural & political animal studies v. 1 (1): p. 1-6; 1988
Jul. Includes references.

Language: English

Descriptors: Animal experiments; Ethics; Computer simulation;
Simulation models; Teaching

118 NAL Call. No.: A00061
Concern grows that tinkering with animal genetics will erode
sanctity of life. Sitomer, C.J.
Boston, Mass. : Christian Science Pub. Society; 1988 Jun03.
The Christian Science monitor. p. 17; 1988 Jun03.

Language: English

Descriptors: Ethics; Genetic engineering; Transgenics

119 NAL Call. No.: R724.C67 1989
Contemporary issues in bioethics.. Bioethics, 3rd ed..
Beauchamp, Tom L.; Walters, LeRoy
Belmont, Calif. : Wadsworth Pub. Co.,; 1989.
xii, 655 p. ; 25 cm. Includes bibliographies.

Language: English

Descriptors: Medical ethics; Animal welfare

120 NAL Call. No.: TX837.C66 1989
The Cookbook for people who love animals., 5th ed..
Klaper, Michael A.
Umatilla, Fla. : Gentle World, Inc.,; 1989.
192 p. : ill. ; 26 cm. Includes index.

Language: English

Descriptors: Vegetarian cookery

Abstract: This vegetarian cookbook contains over 300 totally vegetarian recipes which do not contain meat, eggs, dairy, sugar, honey or cholesterol. The recipes range in difficulty from beginner to gourmet. This publication espouses the philosophical point of view that eating animal products causes pain and suffering among animals and that eating a vegan diet is a spiritual as well as a health issue.

121 NAL Call. No.: HV4877.A43E96
Cosmology, economy and symbolic loading.
Willis, R.
Aberdeen [Scotland] : Aberdeen University African Studies Group; 1988. The Exploitation of animals in Africa : proceedings of a colloquium at the University of Aberdeen, March 1987 / edited by Jeffrey C. Stone. p. 303-314; 1988. Includes references.

Language: English

Descriptors: Africa; Animals; Wildlife; Social customs; Social values; Cultural values; Moral values; Resource exploitation

122 NAL Call. No.: B818.R32 1990
Created from animals the moral implications of Darwinism.
Rachels, James,
Oxford [England] ; New York : Oxford University Press,; 1990. 245 p. ; 23 cm. Includes bibliographical references (p. 235-241) and index.

Language: English

Descriptors: Evolution

123 NAL Call. No.: HV4701.A34
The cruel deception.
Sharpe, R.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 9-18; 1986-1987. Includes references.

Language: English

Descriptors: Animal experiments; Ethics; Health protection; Mortality; Human diseases; Disease control; Interest groups

124 NAL Call. No.: 41.8 R3224
Cruelty to animals and the law.
Rozovsky, L.E.
Ottawa : Canadian Veterinary Medical Association; 1988 Aug. The Canadian veterinary journal v. 29 (8): p. 668-670; 1988 Aug. Includes references.

Language: English

Descriptors: Canada; Animal welfare; Law; Bioethics

125 NAL Call. No.: HV4708.B78
Cruelty to animals the moral debt.
Brown, Les,
Basingstoke, [England] : Macmillan,; 1988.

xiv, 240 p. ; 22 cm. Includes indexes. Includes bibliographical references (p. 226-230).

Language: English

Descriptors: Animals, Treatment of; Animal welfare

126 NAL Call. No.: HV4701.A53

Cry from the wild--wearing fur is a moral issue.

London : The Society; 1988.

Animal international - World Society for the Protection of Animals v. 8 (25): p. 6-7. ill; 1988.

Language: English

Descriptors: Wild animals; Fur bearing animals; Fur; Moral values

127 NAL Call. No.: HV4711.A56 1989

Darwin, species, and morality., 2nd ed.

Rachels, J.

Englewood Cliffs, N.J. : Prentice Hall; 1989.

Animal rights and human obligations / edited by Tom Regan, Peter Singer. p. 95-103; 1989. Includes references.

Language: English

Descriptors: Species; Animal welfare

128 NAL Call. No.: HV4701.A45

Data and delusion: the myth of objectivity in biomedical research. McArdle, J.

Westport, Conn. : Animal Rights Network; 1988 Jan.

The Animals' agenda v. 8 (1): p. 40-42. ill; 1988 Jan.

Language: English

Descriptors: Animal experiments; Medical research; Bioethics; Group behavior; Objectives; Animal welfare

129 NAL Call. No.: HV4701.A45

Debating the values of animal research.

Barnes, D.

Westport, Conn. : Animal Rights Network; 1987 Apr.

The Animals' agenda v. 7 (3): p. 32-34. ill; 1987 Apr.

Language: English

Descriptors: Animal welfare; Animal research; Stress; Pain; Values; Ethics

130 NAL Call. No.: HV4711.A56 1989

A defense of meat eating., 2nd ed.

Narveson, J.

Englewood Cliffs, N.J. : Prentice Hall; 1989.

Animal rights and human obligations / edited by Tom Regan, Peter Singer. p. 192-195; 1989.

Language: English

Descriptors: Animal production; Animal welfare; Meat

131 NAL Call. No.: QL751.P4

Differing visions of the human-animal relationship: ambiguity

in legal doctrine.

Lessley, B.E.

New York, N.Y. : Plenum Press; 1991.

Perspectives in ethology v. 9: p. 87-118; 1991. In the series
analytic: Human understanding and animal awareness / edited by
P.P.G. Bateson and P.H. Klopfer. Includes references.

Language: English

Descriptors: Animal welfare; Moral values; Law

Abstract: There is no coherent vision of the human-animal relationship that appears in the law. Rather, different laws reflect different priorities and different ideas about the importance of protection of animals when compared with the interests of humans. The different visions about the moral place of animals reflected in the laws correspond with different visions that members of human society have about the place of animals in the world. While there may be no coherent vision of the human/animal relationship that exists in the law, any single law can be seen as a compromise between the different visions that society has about animals. Historically, the law has treated animals as being fundamentally distinct from humans in a moral sense, and has placed relatively few controls on what humans can do to animals. Recent years have seen this situation change as more and more laws have been enacted to accord greater protection to animals. This change is essentially an adjustment by the law in the vision of the human-animal relationship that it adopts, moving from an extreme view that animals and humans are different to greater recognition of views that accord animals greater moral status. Yet the adjustment by the law has not been complete by any means, and the law has not gone nearly so far as to accord actual "rights" to animals. Instead, the law has increased its regulation of things that humans can do to animals and has created mechanisms by which humans can intervene in the legal system to protect animals. Whether the law will go the next step and allow animals to enter the legal system to protect their own interests appears doubtful, but remains to be seen.

132

NAL Call. No.: HV4701.B8

The dissection question.

Chicago, Ill. : The Society; 1990.

Bulletin--the National Anti-Vivisection Society (2): p. 6-7.
ill; 1990.

Language: English

Descriptors: Animal welfare; Ethics; Animal experiments;
Postmortem examinations; Secondary education

133

NAL Call. No.: HV4701.B4

Do moral matters matter--environmentally?.

Sylvan, R.

Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.

Between the species : a journal of ethics v. 3 (4): p.
163-176. ill; 1987. Includes references.

Language: English

Descriptors: Animal welfare; Environmental policy; Habitat
destruction; Moral values; Philosophy

134

NAL Call. No.: Videocassette no.555

Dog lab an unnecessary exercise.

People for the Ethical Treatment of Animals
Washington, D.C. : PETA, [1987?]; 1987.
1 videocassette (16 min.) : sd., col. ; 1/2 in. VHS format.
"A PETA Video"--Container.

Language: English

Descriptors: Dogs as laboratory animals; Animals, Treatment of; Medicine; Study and teaching

135 NAL Call. No.: 410.9 P94
Doing ethics by committee: problems and pitfalls.
Caplan, A.L.
Joliet, Ill. : American Association for Laboratory Animal Science; 1987 Jan. Laboratory animal science v. 37 (special issue): p. 45-47; 1987 Jan. In the series analytic: Effective animal care and use committees / edited by F.B. Orlans, R.C. Simmonds, W.J. Dodds. Includes references.

Language: English

Descriptors: U.S.A.; Animal welfare; Ethics; Animal experiments; Committees

136 NAL Call. No.: Videocassette no.846
Don't kill the animal Nina Hagen, Lene Lovich.. Animal liberation, Special extended version..
Hagen, Nina; Lovich, Lene
People for the Ethical Treatment of Animals
Washington, D.C. : People for the Ethical Treatment of Animals; 1988. 1 videocassette (7 min.) : sd., col. ; 1/2 in. VHS. "Front the PETA/Wax Trax LP Animal liberation"--Container slip.

Language: English

Descriptors: Animal experimentation; Science; Moral and ethical aspects; Animals, Treatment of; Laboratory animals

137 NAL Call. No.: HV4708.S6
The dreaded comparison human and animal slavery.. Dreaded comparison, race and animal slavery
Spiegel, Marjorie; Walker, Alice
Philadelphia : New Society Publishers; 1988.
105 p. : ill. ; 20 cm. Cover title: The dreaded comparison, race and animal slavery. Bibliography: p. [104]-105.

Language: English

Descriptors: Animals, Treatment of; Slavery; Ethics

138 NAL Call. No.: 41.8 AM3
Ecologic and symbiotic approaches to animal welfare, animal rights, and human responsibility.
Kronfeld, D.S.; Parr, C.P.
Schaumburg, Ill. : The Association; 1987 Sep15.
Journal of the American Veterinary Medical Association v. 191 (6): p. 660-664; 1987 Sep15. Includes references.

Language: English

Descriptors: Animal welfare; Economics; Ethics; Symbiosis; Ecology

139 NAL Call. No.: S605.5.I45 1984

Ecological ethology and ethics of animal husbandry.
Kiley-Worthington, M.
Witzenhausen : Verlagsgruppe Witzenhausen; 1986.
The importance of biological agriculture in a world of
diminishing resources : proc of the 5th IFOAM Int Scientific
Conference at the Univ of Kassel (Germany), Aug 27-30, 1984 /
H. Vogtmann, E. Boehncke, I. Fricke, eds. p. 339-358. ill;
1986. Includes references.

Language: English

Descriptors: Animal husbandry; Animal welfare; Ethics;
Philosophy; Problem analysis; Species; Animal housing; Layout
and planning; Animal behavior; Veterinary medicine

140 NAL Call. No.: QL55.A1L33
Education in experimental animal medicine: reaching the
investigator and the investigative project staff.
Van Hoosier, G.L. Jr; Dennis, M.B. Jr
New York : Media Horizons; 1988 May.
Lab animal v. 17 (4): p. 40-45; 1988 May. Includes
references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Medical
research; Research projects; Technicians; Education; Ethics

141 NAL Call. No.: aSD11.A42
Effects of animal welfare philosophy on wildlife damage
control. Schmidt, R.H.
Fort Collins, Colo. : The Station; 1989 Jul.
General technical report RM - Rocky Mountain Forest and Range
Experiment Station, U.S. Department of Agriculture, Forest
Service (171): p. 24-26; 1989 Jul. Paper presented at the
"Workshop on Wildlife Damage Control," Apr 17-20, 1989, Fort
Collins, Colorado. Includes references.

Language: English

Descriptors: Wildlife; Animal welfare; Pest control

142 NAL Call. No.: HV4701.B4
Empathy toward animals and other sentient beings--a very
personal account. Bernstein, E.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.
Between the species : a journal of ethics v. 3 (3): p.
149-158. ill; 1987.

Language: English

Descriptors: Animal welfare; Ethics; Pain; Protection

143 NAL Call. No.: aZ5071.N3
Ethical and moral issues relating to animals 1979-1988.
Clingerman, K.J.
Beltsville, Md. : The Library; 1988 Nov.
Quick bibliography series - U.S. Department of Agriculture,
National Agricultural Library (U.S.). (89-03): 22 p.; 1988
Nov. Bibliography.

Language: English

Descriptors: Animal research; Animal welfare; Ethics;
Bibliographies; Animal testing alternatives

144 NAL Call. No.: aZ5071.N3
Ethical and moral issues relating to animals, January 1979-
March 1990. Clingerman, K.J.
Beltsville, Md. : The Library; 1990 May.
Quick bibliography series - U.S. Department of Agriculture,
National Agricultural Library (U.S.). (90-48): 33 p.; 1990
May. Updates QB 89-03. Bibliography.

Language: English

Descriptors: Animal welfare; Bioethics; Moral values; Animal
testing alternatives; Bibliographies

145 NAL Call. No.: QL55.L274
Ethical aspects of animal experimentation.
Remfry, J.
Chichester [England] : Wiley; 1987.
Laboratory animals : an introduction for new experimenters /
edited by A.A. Tuffery. p. 5-19; 1987. Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Ethics;
Moral values

146 NAL Call. No.: QP1.A2 SUPPL.
Ethical assessments within legislative systems.
Hampson, J.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 161-168; 1986.
Includes references.

Language: English

Descriptors: U.S.A.; Canada; United Kingdom; Animal
experiments; Bioethics; Legislations; Animal research;
Regulations

147 NAL Call. No.: QP1.A2 SUPPL.
Ethical considerations in relation to pain in animal
experimentation. Zimmermann, M.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 221-233; 1986.
Includes references.

Language: English

Descriptors: Animal experiments; Pain; Bioethics; Guidelines;
Animal welfare; Scientists; Research methodology

148 NAL Call. No.: Z7994.L3A5
Ethical considerations on animal experimentation.
Sprigge, T.L.S.
Nottingham : Fund for the Replacement of Animals in Medical
Experiments; 1987 Jun.
Alternatives to laboratory animals : ATLA v. 14 (4): p.
307-311; 1987 Jun. Includes references.

Language: English

Descriptors: U.S.A.; Animal experiments; Animal welfare;
Ethics

149 NAL Call. No.: HV4708.S73
Ethical dilemmas in animal usage.
Broom, D.M.
Wallingford, Oxon, UK : CAB International; 1989.
The status of animals : ethics, education and welfare / edited
by David Paterson and Mary Palmer. p. 80-86; 1989. Includes
references.

Language: English

Descriptors: Animal welfare; Bioethics; Domestic animals

150 NAL Call. No.: HV4708.S73
Ethical dilemmas in experimentation.
Rowan, A.
Wallingford, Oxon, UK : CAB International; 1989.
The status of animals : ethics, education and welfare / edited
by David Paterson and Mary Palmer. p. 96-99; 1989.

Language: English

Descriptors: Animal experiments; Bioethics; Animal welfare

151 NAL Call. No.: 410 B77
Ethical implications of studies on infanticide and maternal
aggression in rodents.
Elwood, R.W.
London : Academic Press; 1991 Nov.
Animal behaviour v. 42 (pt.5): p. 841-849; 1991 Nov. Includes
references.

Language: English

Descriptors: Rodents; Pups; Aggressive behavior; Mortality;
Ethics; Experimental design; Stress

Abstract: Studies of infanticide and maternal aggression in
rodents are reviewed to exemplify general ethical problems
arising from research on predation and aggression. Three main
areas are reviewed: (1) parental infanticide, when an
experimental manipulation causes a parent to harm its young;
(2) non-parental infanticide, when pups are placed with a
strange adult; and (3) non-parental infanticide, when a
strange adult is placed with a mother and litter and
aggression between adults may occur. Field experiments are
also considered. In each area, constraints on experimental
design produce ethical problems; however, ways of minimizing
stress are considered. Factors of ethical concern include: (1)
observation and intervention to stop both killing of infants
and adult aggressive interactions; (2) numbers of pups used in
each test; (3) age of the pups; (4) the nature of infanticidal
attack; (5) maternal aggression; (6) duration of interactions;
(7) use of barriers to protect pups and provision of escape
routes for defeated adults; and (8) experimental design and
sample sizes. The importance of considering ethical points
early in experimental studies is emphasized.

152 NAL Call. No.: QP1.A2 SUPPL.
Ethical issues in animal experimentation--view of the animal
rightist. Carlsson, B.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 50-68; 1986.
Includes references.

Language: English

Descriptors: Animal welfare; Animal experiments; Bioethics;

Moral values

153 NAL Call. No.: QP1.A2 SUPPL.
Ethical issues in stress research: facts, fiction, and
rational decisions. Ursin, H.; Murison, R.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 234-242; 1986.
Includes references.

Language: English

Descriptors: Animal research; Stress; Animal experiments;
Animal welfare; Bioethics

154 NAL Call. No.: aHV4762.A3A64
Ethical issues in the use of wild animals in behavioral and
ecological studies.
Michener, G.R.
Beltsville, Md. : Animal Welfare Information Center, National
Agricultural Library, [1989?]; 1989 Sep.
Animal care and use in behavioral research : regulations,
issues, and applications : based on an invited paper session
presented at the 1988 meeting of the Animal Behavior Society /
Janis Wiley Driscoll, editor. p. 37-43; 1989 Sep. Includes
references.

Language: English

Descriptors: Wild animals; Animal research; Bioethics; Animal
behavior; Ecology; Animal welfare

155 NAL Call. No.: HV4708.S73
Ethical problems in animal welfare.
Clark, R.L.
Wallingford, Oxon, UK : CAB International; 1989.
The status of animals : ethics, education and welfare / edited
by David Paterson and Mary Palmer. p. 5-14; 1989.

Language: English

Descriptors: Animal welfare; Bioethics

156 NAL Call. No.: HV4708.S73
Ethical problems in farming practice.
Guy, R.
Wallingford, Oxon, UK : CAB International; 1989.
The status of animals : ethics, education and welfare / edited
by David Paterson and Mary Palmer. p. 87-94; 1989. Includes
references.

Language: English

Descriptors: Livestock; Animal welfare; Bioethics

157 NAL Call. No.: 410 IN84
Ethical review of animal experiments and possible changes to
the law on animal experimentation in the U.K.
Britt, D.P.
Oslo, Norway : The International Council for Laboratory Animal
Science; 1986. ICLAS bulletin (57): p. 18-22; 1986. Includes
references.

Language: English

Descriptors: United Kingdom; Animal experiments; Ethics; Law;

Animal welfare; Committees

158 NAL Call. No.: 41.8 J8292
Ethical treatment of clinical waste.
De Gray, C.
London : British Small Animal Veterinary Association; 1990
Jul. The Journal of small animal practice v. 31 (7): p.
355-357; 1990 Jul.

Language: English

Descriptors: England; Industrial wastes; Animal wastes; Waste treatment; Burning

159 NAL Call. No.: aHV4762.A3A64
Ethical treatment of invertebrates: how do we define an animal?. Mather, J.A.
Beltsville, Md. : Animal Welfare Information Center, National Agricultural Library, [1989?]; 1989 Sep.
Animal care and use in behavioral research : regulations, issues, and applications : based on an invited paper session presented at the 1988 meeting of the Animal Behavior Society / Janis Wiley Driscoll, editor. p. 52-58; 1989 Sep. Includes references.

Language: English

Descriptors: Invertebrates; Bioethics; Animal welfare

160 NAL Call. No.: 41.8 AM3
Ethics and animal welfare: the inextricable connection.
Tannenbaum, J.
Schaumburg, Ill. : The Association; 1991 Apr15.
Journal of the American Veterinary Medical Association v. 198 (8): p. 1360-1376; 1991 Apr15. Paper presented at the "AVMA Animal Welfare Forum: Enhancing Wellness in Animals and People," Nov. 9, 1990. Chicago, Illinois. Includes references.

Language: English

Descriptors: Animal welfare; Bioethics

161 NAL Call. No.: HV4711.I6 1986
Ethics and the new animal liberation movement., 1st Perennial Library ed. Singer, P.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 1-10; 1986.

Language: English

Descriptors: Animal welfare; Ethics; History

162 NAL Call. No.: 47.8 AM33P
Ethics and the Scientists.
Marion, J.E.
Champaign, Ill. : Poultry Science Association; 1991 Feb.
Poultry science v. 70 (2): p. 284-288; 1991 Feb. Includes references.

Language: English

Descriptors: Scientists; Ethics; Administration; Animal welfare; Corruption

Abstract: Ethical issues are receiving considerable attention

in the scientific community just as in other areas of society. Scientists who have in the past been accorded a select position in society are no longer guaranteed that status just by virtue of their occupation. Science, and scientists, may not yet be subject to the same intense scrutiny as some other professions, but the trend is evident. Scientists do have special obligations due to the nature of their profession, yet incidences of indiscretion are documented. Expectations of scientists in specific areas such as consulting, animal rights, and advocacy are discussed, and some thoughts on the scientist as an administrator are presented. A short summary of actions being taken in the field of ethics is included.

163 NAL Call. No.: TL720.7.A5
Ethics, animal rights, and air transport of animals.
Rollin, B.E.
Fort Washington, Md. : The Animal Air Transportation Association; 1986 Apr28. Proceedings of the ... International Conference of the Animal Air Transportation Association (12th): p. 75-79; 1986 Apr28.

Language: English

Descriptors: Animal welfare; Bioethics; Transport of animals

164 NAL Call. No.: 424.8 AM3
Ethics in beekeeping. I.
Ellis, M.
Hamilton, Ill. : Dadant & Sons; 1990 Mar.
American bee journal v. 130 (3): p. 169-170; 1990 Mar.

Language: English

Descriptors: Beekeeping; Beekeepers; Ethics

165 NAL Call. No.: QP1.A2 SUPPL.
The ethics of animal experimentation in the field of shock and trauma research.
Lewis, D.H.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 214-220; 1986.
Includes references.

Language: English

Descriptors: Animal experiments; Animal research; Bioethics; Shock; Trauma

166 NAL Call. No.: QP1.A2 Suppl.554
The ethics of animal experimentation proceedings of the Second CFN Symposium held in Stockholm, Sweden August 12-14, 1985.
Thelestam, Monica; Gunnarsson, Anders
Sweden, Centrala Forsoksdjursnamnden
CFN Symposium 2nd : 1985 : Stockholm, Sweden.
Stockholm : Published for the Scandinavian Physiological Society by Blackwell Scientific Publications; 1986.
269 p. : ill. ; 24 cm. (Acta physiologica Scandinavica ; v. 128 Supplementum, 554). Includes bibliographies.

Language: English

Descriptors: Animal experimentation; Moral and religious aspects; Congresses; Laboratory animals; CoOngresses; Animal welfare; Moral and religious aspects; Congresses

167 NAL Call. No.: R853.A53E74 1991
The Ethics of using animals in biomedical research the report
of a working party of the Institute of Medical Ethics.
Smith, Jane A.; Boyd, Kenneth M.
Institute of Medical Ethics (Great Britain)
Oxford ; New York : Oxford University Press, ; 1991.
xvi, 352 p. : ill. ; 24 cm. Includes index.

Language: English

Descriptors: Animal experimentation

168 NAL Call. No.: 389.8 J824
Ethics: responsible scientific conduct.
Monsen, E.R.; Vanderpool, H.Y.; Halsted, C.H.; McNutt, K.W.;
Sandstead, H.H. Baltimore, Md. : American Society for Clinical
Nutrition; 1991 Jul. American journal of clinical nutrition v.
54 (1): p. 1-5; 1991 Jul. Includes references.

Language: English

Descriptors: Ethics; Research policy; Human experimentation;
Animal experiments; Professional ethics; Data communication

Abstract: The purpose of this paper is to identify ethical
issues and questions relevant to scientific conduct. The
authors discuss: 1) what ethics is and is not, 2) ethical
treatment of human and nonhuman subjects, 3) ethical
interactions with colleagues and trainees and 4) ethical
behavior toward the public, media and funding sources.

169 NAL Call. No.: HV4701.A34
Ethics, welfare, and laboratory animal management.
Allan, D.J.; Blackshaw, J.K.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 1-8; 1986-1987.
Includes references.

Language: English

Descriptors: Animal experiments; Laboratory animals; Ethics;
Animal welfare; Animal testing alternatives; Laboratory
rearing

170 NAL Call. No.: S605.5.I45 1984
Ethological aspects of the behavior of hens in relation to
different housing systems.
Folsch, D.W.
Witzenhausen : Verlagsgruppe Witzenhausen; 1986.
The importance of biological agriculture in a world of
diminishing resources : proc of the 5th IFOAM Int Scientific
Conference at the Univ of Kassel (Germany), Aug 27-30, 1984 /
H. Vogtmann, E. Boehncke, I. Fricke, eds. p. 396-403; 1986.
Includes references.

Language: English

Descriptors: Hens; Poultry housing; Animal behavior;
Environmental factors; Ethics; Animal welfare; Animal health

171 NAL Call. No.: S605.5.I45 1984
Ethological sound pig production.
Gotz, M.; Weber, R.; Rist, M.; Kohn, P.; Konrad, S.
Witzenhausen : Verlagsgruppe Witzenhausen; 1986.
The importance of biological agriculture in a world of
diminishing resources : proc of the 5th IFOAM Int Scientific

Conference at the Univ of Kassel (Germany), Aug 27-30, 1984 /
H. Vogtmann, E. Boehncke, I. Fricke, eds. p. 380-386. ill;
1986. Includes references.

Language: English

Descriptors: Switzerland; Pig farming; Animal welfare; Pig
housing; Layout and planning; Design criteria; Ethics;
Philosophy; Animal behavior

172 NAL Call. No.: QP1.A2 SUPPL.
Ethology in animal quarters.
Meyerson, B.J.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 24-31; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of
Animal Experimentation," August 12-14, 1985, Stockholm,
Sweden.

Language: English

Descriptors: Laboratory animals; Environment; Animal housing;
Ethics; Animal behavior

173 NAL Call. No.: HV4701.B4
Everyday morality and animal rights.
Sapontzis, S.F.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.
Between the species : a journal of ethics v. 3 (3): p.
107-118. ill; 1987. Includes references.

Language: English

Descriptors: Animal welfare; Philosophy; Moral values

174 NAL Call. No.: HV4701.B4
The evolution of animals in moral philosophy.
Sapontzis, S.F.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.
Between the species : a journal of ethics v. 3 (2): p. 61-65,
74-75. ill; 1987. Includes references.

Language: English

Descriptors: Animals; Evolution; Philosophy; Natural
resources; Animal welfare

175 NAL Call. No.: R853.A53E86 1990
The Experimental animal in biomedical research.
Rollin, Bernard E.; Kesel, M. Lynne
Boca Raton, Fla. : CRC Press, 1990-; 1990-9999.
v. <1- > : ill. ; 27 cm. Includes bibliographical references
and indexes.

Language: English

Descriptors: Animal experimentation

176 NAL Call. No.: HV4701.A35
An expert: light at the end of the tunnel?.
Loew, F.M.
Denver, Colo. : American Humane Association, Animal Protection
Division; 1988. Advocate v. 6 (4): p. 7-8. ill; 1988.

Language: English

Descriptors: U.S.A.; Animal welfare; Veterinary medicine;
Organizations; Veterinary education; Ethics; Pet animals;
Population control

177 NAL Call. No.: GF80.E5

An extension of Rawls' theory of justice to environmental ethics. Singer, B.A.
Athens, Ga. : Environmental Philosophy, Inc; 1988.
Environmental ethics v. 10 (3): p. 217-231; 1988. Literature review.

Language: English

Descriptors: Environmental assessment; Animal welfare; Ethics;
Nature conservation; Environmental pollution; Religion

178 NAL Call. No.: QL750.A6

Farming beyond the ability for pigs to adapt.
Putten, G. van
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 63-71; 1988 Jul. Paper presented at the "Symposium on Animal Bio-ethics and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Pig farming; Environment; Adaptation; Animal behavior; Pig housing; Intensive livestock farming

179 NAL Call. No.: BJ52.5.J68

Farming salmon ethically.
Needham, E.A.; Lehman, H.
Guelph, Ontario, Canada : University of Guelph; 1991.
Journal of agricultural & environmental ethics v. 4 (1): p. 78-81; 1991. Includes references.

Language: English

Descriptors: Salmon culture; Ethics; Quality of life; Animal welfare

180 NAL Call. No.: 410 B77

Field experiments in animal behaviour: methods and ethics.
Cuthill, I.
London : Academic Press; 1991 Dec.
Animal behaviour v. 42 (pt.6): p. 1007-1014; 1991 Dec.
Includes references.

Language: English

Descriptors: Animal experiments; Ethics; Animal behavior;
Field experimentation; Animal welfare

Abstract: Field experiments have a central role in ethology and behavioural ecology, yet they engender peculiar ethical problems which are rarely addressed. Ethical concerns with such experiments are broadly classed into issues of suffering, the sanctity of life, individual rights', and conservation. The latter, involving manipulation of the animal's environment, is particularly important in field as distinct from laboratory experimentation. This paper seeks to stimulate debate about such ethical concerns amongst ethologists and

behavioural ecologists. To do so, currently popular research methods in experimental field studies of behaviour are reviewed. Ethical concerns relevant to each methodology are then addressed.

181 NAL Call. No.: HV4711.I6 1986
Fighting to win., 1st Perennial Library ed.
Spira, H.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 194-208; 1986.

Language: English

Descriptors: U.S.A.; Animal welfare; Ethics; History; Animal experiments; Legislation

182 NAL Call. No.: QL751.F73
From animal behaviour to animal bioethics a behavioural route to animal bioethics : a collection of applied ethological commentaries. Fraser, Andrew Ferguson
Amsterdam : Netherlands : Elsevier,; 1987.
105 p. ; 25 cm. Includes bibliographies and index.

Language: English

Descriptors: Animal behavior; Bioethics; Animal welfare

183 NAL Call. No.: QL750.A6
Future factors and biotechnology applications in animal husbandry. Williams, C.M.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 183-189; 1988 Jul. Panel discussion.

Language: English

Descriptors: Animal husbandry; Biotechnology; Animal welfare; Environment; Bioethics

184 NAL Call. No.: QL750.A6
Genetic engineering biotechnology: animal welfare and environmental concerns. Fox, M.W.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 83-94; 1988 Jul. Paper presented at the "Symposium on Animal Bio-ethics and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: U.S.A.; Animal welfare; Genetic engineering; Biotechnology; Environment; Bioethics

185 NAL Call. No.: 389.8 B77
Genetic manipulation for food production: social and ethical issues for consumers.
Straughan, R.
Bradford : MCB University Press; 1990.
British food journal v. 92 (7): p. 13-26; 1990. Includes references.

Language: English

Descriptors: Food industry; Food research; Food biotechnology;

Genetic engineering; Ethics; Social impact; Food safety; Food quality; Productivity; Risk; Food production

Abstract: The issue of the genetic manipulation of plants, animals and microbes is addressed within the context of food production. Genetic manipulation is defined within the wider area of biotechnology and some of the main benefits of its use are summarized; safety and risk are examined and some of the socioeconomic problems it can create are discussed. It is concluded that the technique can offer great potential benefits in terms of increased quantity and improved quality of food, but it raises social/ethical concerns which can be summed up by asking: Is it safe? Is it fair? Is it natural?

186 NAL Call. No.: HV4711.I6 1986
Good dogs and other animals., 1st Perennial Library ed.
Clark, S.R.L.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 41-51;
1986.

Language: English

Descriptors: Animal welfare; Ethics; Animal behavior

187 NAL Call. No.: HV4930.H42 1991
Health & humane research helping people and animals.. Health and humane research
American Anti-Vivisection Society
Jenkintown, PA : American Anti-Vivisection Society, [1991?];
1991. 23 p. : ill. ; 28 cm. Cover title. Good science, good ethics, good sense. Includes bibliographical references (p. 22).

Language: English

Descriptors: Vivisection; Animal experimentation

188 NAL Call. No.: 448.9 AM37
Human vs. animal rights: In defense of animal research.
Loeb, J.M.; Hendee, W.R.; Smith, S.J.; Schwarz, M.R.
Chicago, Ill. : The Association; 1989 Nov17.
JAMA : Journal of the American Medical Association v. 262
(19): p. 2716-2720; 1989 Nov17. Includes references.

Language: English

Descriptors: Animal welfare; Medical sciences; Research; Laboratory animals; Research policy

Abstract: For centuries, opposition has been directed against the use of animals for the benefit of humans. For more than four centuries in Europe, and for more than a century in the United States, this opposition has targeted scientific research that involves animals. More recent movements in support of animals rights have arisen in an attempt to impede, if not prohibit, the use of animals in scientific experimentation. These movements employ various means that range from information and media campaigns to destruction of property and threats against investigators. The latter efforts have resulted in the identification of more militant animal rights bands as terrorist groups. The American Medical Association has long been a defender of humane research that employs animals, and it is very concerned about the efforts of animal rights and welfare groups to interfere with research. Recently, the Association prepared a detailed analysis of the controversy over the use of animals in research, and the

consequences for research and clinical medicine if the philosophy of animal rights activists were to prevail in society. This article is a condensation of the Association's analysis.

189 NAL Call. No.: 41.8 AM3
Humane euthanasia and companion animal death: Caring for the animal, the client, and the veterinarian.
Hart, L.A.; Hart, B.L.; Mader, B.
Schaumburg, Ill. : The Association; 1990 Nov15.
Journal of the American Veterinary Medical Association v. 197 (10): p. 1292-1299; 1990 Nov15. Includes references.

Language: English

Descriptors: Pets; Euthanasia; Death; Pet care; Veterinarians; Customer relations; Ethics

190 NAL Call. No.: HV4701.A34
Humans and other animals: a biological and ethical perspective. Montagu, A.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 165-177; 1986-1987.
Paper presented at the conference on "Animals and Humans: Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986. Includes references.

Language: English

Descriptors: Man; Animals; Relationships; Ethics; Animal welfare

191 NAL Call. No.: HV4711.I6 1986
Images of death and life: food animal production and the vegetarian option., 1st Perennial Library ed.
Schleifer, H.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 63-73; 1986.

Language: English

Descriptors: Animal production; Animal welfare; Ethics; Abattoirs; Meat and livestock industry

192 NAL Call. No.: QL750.A6
Improving the life of farm livestock: a Canadian point of view. Tennessen, T.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 159-163; 1988 Jul. Paper presented at the "Symposium on Animal Bio-ethics and Applied Ethology," August 1987, Montreal, Canada. Includes references.

Language: English

Descriptors: Canada; Livestock farming; Animal welfare; Legislation; Protection

193 NAL Call. No.: Videocassette no.1080
In defense of animals a portrait of Peter Singer.. A portrait of Peter Singer Akeret, Julie
Bullfrog Films, Inc
Oley, Pa. : Bullfrog Films,; 1989.
1 videocassette (28 min.) : sd., col. ; 1/2 in. Cassette

label sa ys 1990 copyright. "INDEF VH 50081 11/07/90"--
Container.

Language: English

Descriptors: Singer, Peter; Biographical films; Animal welfare

Abstract: An introduction to Peter Singer, his philosophy on
animal rights and his life.

194 NAL Call. No.: TX392.A1V44
The incredible egg story.
Mason, J.
New York, N.Y. : Vegetarian Life & Times; 1986 Jan.
Vegetarian times (101): p. 24-27. ill; 1986 Jan.

Language: English

Descriptors: Egg production; Hens; Animal welfare;
Vegetarianism; Ethics; Food beliefs

Abstract: The egg, once regarded as the ideal protein food,
is now becoming a questionable commodity. Some consumers
believe that today's "mass-produced" eggs are not as flavorful
as eggs produced in bygone times. The main concern is the
egg's high cholesterol content and possible adverse effects of
feed additive residues. No longer the barnyard roamer,
chickens are packed into tightly arranged cages to lay eggs
for two years and then are sold for food processing. A host of
pesticides and antibiotics is used for disease prevention and
increased production. These and other practices regarded by
the author as inhumane are described. A brief discussion of
egg alternatives, such as scrambled tofu, is included.(jd-b)

195 NAL Call. No.: SF601.J62
An instrument to measure attitudes towards animal uses.
Crowell, W.A.; Smith, F.N.; Oliver, J.S.; Simpson, R.D.;
Adams, D. Blacksburg, Va. : The Association of American
Veterinary Medical Colleges; 1987.
Journal of veterinary medical education v. 14 (1): p. 21-23;
1987. Includes references.

Language: English

Descriptors: U.S.A.; Veterinary medicine; Students; Animal
experiments; Ethics; Attitudes; Measurement; Animal welfare

196 NAL Call. No.: HV4704.I52 1991
International Conference on Farm Animal Welfare ethical,
scientific and technological perspectives, Aspen Institute for
Humanistic Studies, Queenstown, Maryland, June 7-10, 1991.
Aspen Institute, University of Maryland at College Park, Dept.
of Animal Science
International Conference on Farm Animal Welfare 1991 : Aspen
Institute for Humanistic Studies.
Queenstown : Md.? : The Institute?; 1991.
61 leaves ; 28 cm. Cover title. At head of title: The
University of Maryland, College Park, Dept. of Animal Science.

Language: English

Descriptors: Animal welfare; Domestic animals

197 NAL Call. No.: QL55.I572
International Foundation for Ethical Research [newsletter].
International Foundation for Ethical Research

Chicago, IL : The Foundation,; 1987-9999.
v. ; 28 cm. Description based on: Vol. 2, no. 2 (winter 1988-89); title from caption.

Language: English

Descriptors: Laboratory animals; Periodicals; Animal experimentation; Periodicals; Animals, Treatment of; Periodicals

198 NAL Call. No.: BL439.5.A55
Introduction: Religions and the rights of animals.
Bowker, J.
Philadelphia, Pa. : Temple University Press; 1986.
Animal sacrifice : religious perspectives on the use of animals in science / edited by Tom Regan. p. 3-14; 1986.
Includes references.

Language: English

Descriptors: Animal experiments; Animal research; Religion; Cultural values; Ethics

199 NAL Call. No.: HV4711.I6 1986
The Island of the Dragon., 1st Perennial Library ed.
Cate, D.L.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 148-156; 1986.

Language: English

Descriptors: Shikoku; Dolphins; Animal welfare; Ethics

200 NAL Call. No.: QL461.A52
Issues and ethics in commercial releases of arthropod natural enemies. Hoy, M.A.; Nowierski, R.M.; Johnson, M.W.; Flexner, J.L.
Lanham, Md. : Entomological Society of America; 1991.
American entomologist v. 37 (2): p. 74-75; 1991.

Language: English

Descriptors: U.S.A.; Arthropod pests; Biological control agents; Natural enemies; Release; Ethics; Problem analysis

201 NAL Call. No.: BJ52.5.J68
It is morally permissible to manipulate the genome of domestic hogs. Blatz, C.V.
Guelph, Ontario, Canada : University of Guelph; 1991.
Journal of agricultural & environmental ethics v. 4 (2): p. 166-176; 1991. Includes references.

Language: English

Descriptors: Pigs; Genetic engineering; Animal welfare; Ethics; Biotechnology; Transgenics

202 NAL Call. No.: BL439.5.A55
Judaism and animal experimentation.
Bleich, J.D.
Philadelphia, Pa. : Temple University Press; 1986.
Animal sacrifice : religious perspectives on the use of animals in science / edited by Tom Regan. p. 61-114; 1986.
Includes references.

Language: English

Descriptors: Animal welfare; Religion; Ethics; Animal experiments; Kosher slaughter

203 NAL Call. No.: Z7164.C45M36
Keyguide to information sources in animal rights.
Magel, Charles R.
London ; New York : Mansell Pub. ; Jefferson, NC : McFarland, ;
1988. xiv, 267 p. ; 23 cm. Includes index. Bibliography: p.
[197]-229.

Language: English

Descriptors: Animals, Treatment of; Bibliography; Animal experimentation; Bibliography; Vegetarianism; Moral and ethical aspects; Bibliography; Animals, Treatment of; Societies, etc; Directories; Animal welfare

204 NAL Call. No.: 410 IN84
Laboratory animals are presently not replaceable in the study
of allergy. Poulsen, O.M.; Hau, J.
Oslo, Norway : The International Council for Laboratory Animal
Science; 1986. ICLAS bulletin (59): p. 16-18; 1986. Includes
references.

Language: English

Descriptors: Laboratory animals; Allergies; In vitro; Animal testing alternatives; Ethics

205 NAL Call. No.: ArUKF2940.2.V3W55 1990
Law and ethics of the veterinary profession.
Wilson, James F.; Rollin, Bernard E.; Garbe, Jo Anne L.
Yardley, PA : Priority Press, ; 1990.
xxiv, 532 p. : ill., forms ; 27 cm. Includes bibliographical
references and index.

Language: English

Descriptors: Veterinarians; Animal welfare

206 NAL Call. No.: SF601.J62
Legal and ethical considerations of the use of animals in
research. Knowles, R.P.
Blacksburg, Va. : The Association of American Veterinary
Medical Colleges; 1986.
Journal of veterinary medical education v. 13 (1): p. 7; 1986.

Language: English

Descriptors: Animal research; Animal welfare; Legislation; Ethics

207 NAL Call. No.: HV4711.A56 1989
Life, death, and animals., 2nd ed.
Johnson, E.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 139-149; 1989. Includes references.

Language: English

Descriptors: Animal welfare; Death

208 NAL Call. No.: HV4701.B4
Mad bears and innocent hares: remarks toward a theory of
diminished responsibility.
Blatz, C.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.
Between the species : a journal of ethics v. 3 (1): p. 3-11,
15-16. ill; 1987. Includes references.

Language: English

Descriptors: Animal welfare; Ethics; Responsibility; Animal
experiments

209 NAL Call. No.: QP1.A2 SUPPL.
Man's relation to experimental animals: modern times--the
present situation in Switzerland.
Weibel, E.R.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 41-48; 1986.
Includes references.

Language: English

Descriptors: Switzerland; Animal experiments; Bioethics;
Guidelines; Animal welfare

210 NAL Call. No.: HV4711.I6 1986
A matter of change., 1st Perennial Library ed.
Barnes, D.J.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 157-167;
1986.

Language: English

Descriptors: Laboratory animals; Animal welfare; Ethics;
Animal experiments; Military areas

211 NAL Call. No.: QL55.A1I43
A medical ethics primer.
Robb, J.W.
Washington, D.C. : Institute of Laboratory Animal Resources,
National Research Council; 1989.
I.L.A.R. news v. 31 (4): p. 21-29; 1989. Includes references.

Language: English

Descriptors: Bioethics

212 NAL Call. No.: A00061
The moral case for animal rights.
Donahue, T.J.
Boston, Mass. : Christian Science Pub. Society; 1990 Oct01.
The Christian Science monitor v. 82 (214): p. 18; 1990 Oct01.

Language: English

Descriptors: Animal welfare; Animal experiments; Hunting;
Ethics

213 NAL Call. No.: QP1.A2 SUPPL.
Moral community and the responsibility of scientists.

Caplan, A.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 78-90; 1986.
Includes references.

Language: English

Descriptors: Animal experiments; Animal welfare; Bioethics;
Moral values; Scientists

214 NAL Call. No.: A00131
The moral side of the animal rights issue.
Locke, E.A.
Berkeley, CA : Coalition for Animals & Animal Research; 1991.
Coalition for animals & animal research newsletter v. 4 (2):
p. 9; 1991.

Language: English

Descriptors: Animal welfare; Moral values; Bioethics

215 NAL Call. No.: HV4701.B4
The moral significance of the 'innocence' of animals.
Sapontzis, S.F.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.
Between the species : a journal of ethics v. 3 (1): p. 12-15.
ill; 1987. Includes references.

Language: English

Descriptors: Animal welfare; Moral values; Pain; Protection

216 NAL Call. No.: RB125.C68 1985
Moral, social and scientific aspects of the use of swine in
research. Rollin, B.E.
New York : Plenum Press; 1986.
Swine in biomedical research / edited by M.E. Tumbleson. p.
29-37; 1986. Proceedings of a conference on Swine in
Biomedical Research, June 17-20, 1985, Columbia, Missouri.
Literature review. Includes references.

Language: English

Descriptors: Pigs; Animal research; Handling; Animal welfare;
Standards; Moral values; Ethics

217 NAL Call. No.: 420 F662
The moral standing of insects and the ethics of extinction.
Lockwood, J.A.
Gainesville, Fla. : Florida Entomological Society; 1987 Mar.
Florida entomologist v. 70 (1): p. 70-89; 1987 Mar. Paper
presented at the "Symposium: Insects in Altered Environments,"
December 10, 1985, Hollywood, Florida. Includes references.

Language: English

Descriptors: Insects; Environment; Ethics; Moral values;
Entomology

218 NAL Call. No.: Z7994.L3A5
The moral status of animals and the Animals (Scientific
Procedures) Act 1986. Balls, E.M.
Nottingham : Fund for the Replacement of Animals in Medical
Experiments; 1989 Jun.

Alternatives to laboratory animals : ATLA v. 16 (4): p. 353-357; 1989 Jun. Includes references.

Language: English

Descriptors: Animals; Animal welfare; Bioethics; Moral values

219 NAL Call. No.: HV4708.S23

Morals, reason, and animals.

Sapontzis, S. F.

Philadelphia : Temple University Press; 1987.

xix, 302 p. ; 24 cm. "This book derives from a series of articles published between 1979 and 1985"--P. xix. Includes index. Bibliography: p. 291-295.

Language: English

Descriptors: Animals, Treatment of; Moral and ethical aspects; Animal welfare

220 NAL Call. No.: BJ52.5.J68

The need for growth promoting compounds in poultry meat production. Leeson, S.

Guelph, Ontario, Canada : University of Guelph; 1991.

Journal of agricultural & environmental ethics v. 4 (1): p. 89-99; 1991. Includes references.

Language: English

Descriptors: Poultry industry; Broiler production; Growth promoters; Ethics; Animal welfare; Growth rate

221 NAL Call. No.: GF80.F65

The new Eden for people, animals & nature.

Fox, Michael W.,

Santa Fe, N.M. : Lotus Press; 1989.

77 p. : ill. ; 22 cm. Includes bibliographical references.

Language: English

Descriptors: Human ecology; Moral and ethical aspects; Philosophy of nature; Nature; Religious aspects

222 NAL Call. No.: QL55.A1L33

The newest machine in the Garden: some ethical perspectives on transgenic animals.

Balk, R.A.

New York, N.Y. : Nature Publishing Company; 1991 Jan.

Lab animal v. 20 (1): p. 36-37; 1991 Jan. Includes references.

Language: English

Descriptors: Animals; Transgenics; Bioethics

223 NAL Call. No.: BL439.5.A55

Noninjury to animals: Jaina and Buddhist perspectives.

Chapple, C.

Philadelphia, Pa. : Temple University Press; 1986.

Animal sacrifice : religious perspectives on the use of animals in science / edited by Tom Regan. p. 213-235; 1986. Includes references.

Language: English

Descriptors: Animal welfare; Protection; Religion; Ethics;
Medical research; Vegetarianism

224 NAL Call. No.: QP1.A2 SUPPL.
Normal and abnormal behaviour of animals.
Jensen, P.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 11-23. ill;
1986. Paper presented at the "Second CFN Symposium on the
Ethics of Animal Experimentation," August 12-14, 1985,
Stockholm, Sweden. Includes references.

Language: English

Descriptors: Animal behavior; Abnormal behavior; Stress;
Stimuli; Aggressive behavior; Cannibalism

225 NAL Call. No.: 410 B77
The notion of ethological 'need', models of motivation and
animal welfare. Hughes, B.O.; Duncan, I.J.H.
London : Bailliere Tindall; 1988 Nov.
Animal behaviour v. 36 (6): p. 1696-1707; 1988 Nov. Includes
references.

Language: English

Descriptors: Animal welfare; Animal housing; Environment;
Behavior patterns; Ethics; Intensive husbandry; Models

Abstract: The increasingly widespread use of the term
ethological 'need', implying that the welfare of animals in
intensive husbandry systems will suffer if they are unable to
express a normal range of behaviour patterns, has been
criticized on the grounds that the term has not been clearly
defined nor does it rest on a solid scientific foundation. In
this critical review, evidence is presented which is
consistent with the idea that there are cases in which the
performance of behaviour itself does not motivationally
significant consequences which are not necessarily related to
functional requirements. For example, hens go through nest-
building sequences during pre-laying behaviour, even though
the nest they created previously is still available. This kind
of finding is difficult to explain without involving the
concept of ethological 'need'. Existing models of motivation
are shown to be inadequate in explaining much of the behaviour
seen in barren or impoverished environments, or when the
animals are highly motivated in situations where consummatory
behaviour is difficult to carry out. A modified model which
can account for the occurrence of these stereotyped, abnormal
and repetitive behaviour patterns is presented. The problems
raised by equating the term 'need' with 'necessity' are
discussed, particularly in the context of intensive
environments where animals are faced with the task of
occupying long periods of time with a limited range of
behaviour patterns; the authors agree with Dawkins that one
solution is its replacement by the concept of 'elasticity',
but argue that the notion of 'necessity' may need to be
broadened.

226 NAL Call. No.: RC628.A102
Obesity: Historical development of scientific and cultural
ideas. Bray, G.A.
Basingstoke, Hampshire : The Macmillan Press Ltd; 1990 Nov.
International journal of obesity v. 14 (11): p. 909-926.
charts; 1990 Nov. Literature review. Includes 132 references.

Language: English

Descriptors: Obesity; Health hazards; History; Cultural environment; Cultural change; Health care; Literature reviews

Abstract: The concept that obesity is a risk to health was clearly identified in the works of Hippocrates and frequently over the ensuing centuries. Obesity was originally discussed as part of more general texts. Scholarly theses on this subject began to appear in the late 16th century with the first monographs published in the 18th century. The value of dietary restriction, increasing exercise and reducing the amount of sleep were identified early in medical history dating at least from the time of Hippocrates. These concepts were often framed in a manner which implied a 'moral' weakness on the part of the overweight individual. The most spectacular dietary success was published by a layman in 1863 and was the forerunner to many subsequent diet books. Cases of massive obesity were identified in stone age carvings and have been described frequently since the time of Galen and the Roman Empire. More specific types of obesity began to be identified in the 19th century. Following the identification of the cell as the basic building block of animals and plants, fat cells were described and the possibility that obesity was due to too many fat cells was suggested. After the introduction of the calorimeter by Lavoisier, the suggestion that obesity might represent a metabolic derangement has been suggested and tested. Standards for measuring body weight appeared in the 19th century. The possibility that familial factors might also be involved was clearly identified in the 18th and 19th century. In conclusion, most of the concepts which are currently the basis for research in the field of obesity had their origin in the 19th century and often earlier.

227 NAL Call. No.: BL439.5.A55
Of animals and man: the Confucian perspective.
Taylor, R.L.
Philadelphia, Pa. : Temple University Press; 1986.
Animal sacrifice : religious perspectives on the use of animals in science / edited by Tom Regan. p. 237-263; 1986.
Includes references.

Language: English

Descriptors: Animal welfare; Religion; Ethics

228 NAL Call. No.: HV4701.P47
Of vision and violence.
Trop, J.D.
Washington, D.C. : People for the Ethical Treatment of Animals; 1986. PETA news v. 1 (9): p. 6. ill; 1986.

Language: English

Descriptors: Animal welfare; Ethics; Abattoirs; Slaughter

229 NAL Call. No.: SF140.L58C62
Old MacDonald's factory farm the myth of the traditional farm and the shocking truth about animal suffering in Today's agribusiness.
Coats, C. David
New York : Continuum,; 1989.
186 p. : ill. ; 24 cm. Bibliography: p. 183-186.

Language: English

Descriptors: Livestock factories; Moral and ethical aspects; Animal welfare

230 NAL Call. No.: QL55.F43 1987
On the ethology of pain, its experience and expression.
Hooff, J.A.R.A.M. van
Dordrecht : M. Nijhoff; 1988.
New developments in biosciences : their implications for
laboratory animal science : proceedings of the Third
Symposium, Amsterdam, The Netherlands, 1-5 June 1987 / edited
by Anton C. Beyneen and Henk A. Solleveld. p. 41-46; 1988.
Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Pain;
Ethics; Animal behavior

231 NAL Call. No.: BJ52.5.J68
On the moral acceptability of killing animals.
Lehman, H.
New York : Taylor & Francis; 1988.
Journal of agricultural ethics v. 1 (2): p. 155-162; 1988.

Language: English

Descriptors: Animal welfare; Ethics; Moral values; Slaughter;
Vegetarianism

232 NAL Call. No.: QL750.A6
On-farm animal welfare law in Europe--using the law.
Jackson, W.T.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 165-173; 1988
Jul. Paper presented at the "Symposium on Animal Bio-ethics
and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Europe; Animal welfare; Law; Protection

233 NAL Call. No.: QL55.I5
Optimising the use of rabbits for antisera production--a moral
approach. II. Wills, J.E.; Thornton, S.; Gardiner, D.J.
Sussex : The Institute of Animal Technology; 1987 Dec.
Animal technology : journal of the Institute of Animal
Technology v. 38 (3): p. 183-190; 1987 Dec.

Language: English

Descriptors: Rabbits; Animal experiments; Antigens;
Immunization; Antiserum; Moral values

234 NAL Call. No.: QP1.A2 SUPPL.
Outlines of animal welfare in Finland.
Westermarck, H.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 158-160; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of
Animal Experimentation," August 12-14, 1985, Stockholm,
Sweden.

Language: English

Descriptors: Finland; Animal welfare; Organizations;
Legislation

235 NAL Call. No.: TX392.A1V44
Patching together our past.
Bloyd-Peshkin, S.
Mt. Morris, Ill. : Vegetarian Times; 1990 Dec.
Vegetarian times (160): p. 30-36, 38-40. ill; 1990 Dec.

Language: English

Descriptors: Vegetarianism; History; Ideology; Religion; Farm families; Food beliefs; Food preferences; Environmental protection

Abstract: An overview of the history of vegetarianism and philosophies that influenced the spread of vegetarianism are discussed. Topics included are religious influences, farm community life and eating patterns, environmental concerns, and inhumane treatment of animals.

236 NAL Call. No.: A00025
Pathways to compassion.
Lockwood, R.
New Gloucester, Me. : s.n. :; 1986.
PsyETA - Psychologists for the Ethical Treatment of Animals bulletin v. 5 (2): p. 6-9; 1986. Includes references.

Language: English

Descriptors: Animal welfare; Ethics; Moral values; Aesthetic value

237 NAL Call. No.: TP983.A6P4
Personal care with principle a guide to choosing cruelty-free cosmetics and products from major manufacturers.. Guide to choosing cruelty-free cosmetics and products from major manufacturers
National Anti-Vivisection Society (U.S.)
Chicago, Ill. : The Society,; 1987.
39 p. : ill. (some col.) ; 22 cm. Cover title.

Language: English

Descriptors: Toilet preparations industry; Handbooks, manuals, etc; Cosmetics; Testing; Animal experimentation; United States; Handbooks, manuals, etc; Bioethics; Animal welfare

238 NAL Call. No.: HV4711.I6 1986
Persons and non-persons., 1st Perennial Library ed.
Midgley, M.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 52-62; 1986.

Language: English

Descriptors: Animal welfare; Ethics

239 NAL Call. No.: Z7164.C45R8
Philosophical perspectives on animal research a bibliography.
Russow, Lilly-Marlene
Indiana? : Purdue University?, 1987?; 1987.
4 leaves ; 28 cm. Caption title.

Language: English

Descriptors: Animals, Treatment of; Bibliography; Animal welfare; Bioethics

240 NAL Call. No.: HD9437.E9 1989
Philosophical problems underlying the concept of welfare.
Baxter, M.R.
Tours, France : French Branch of the World's Poultry Science Assoc; 1989. The proceedings of the Third European Symposium on Poultry Welfare : Tours, France, 11-14th June, 1989 / edited by Jean M. Faure and Andrew D. Mills. p. 59-66; 1989. Includes references.

Language: English

Descriptors: Animal welfare; Philosophy

241 NAL Call. No.: GT2860.F66
Philosophical vegetarianism.
Weinberger, D.
London : Harwood Academic Publishers GmbH; 1987.
Food & foodways v. 2 (1): p. 81-91; 1987. Includes 23 references.

Language: English

Descriptors: Animal welfare; Ethics; Philosophy

Abstract: This article is not strickly one of vegetarianism, but one which vegetarianism is discussed as one consequence of a large augment concerning the rights of animals. This point is made by comparing and contrasting the views of Peter Singer and Tom Regan, two animal rights philosophers who were ethical vegetarians. Singer informs us of the abuse of animals in medical research as pets, as farm laborers, etc., and urges us to adopt vegetarianism and to work for the liberation of animals. In contrast, Regan defends animals, not on the grounds of the consequences of mistreating them, but on the grounds that animals have a right to fair treatment.(rah)

242 NAL Call. No.: QH75.A1C5
Philosophy of wolf policies. I. General principles and preliminary exploration of selected norms.
Naess, A.; Mysterud, I.
Cambridge, Mass. : Blackwell Scientific Publications; 1987
May. Conservation biology: the journal of the Society for Conservation Biology v. 1 (1): p. 22-34. ill; 1987 May. Includes references.

Language: English

Descriptors: Norway; Farmers; Sheep; Predation; Wolves; Wildlife conservation; Endangered species

243 NAL Call. No.: 448.8 N442
Physicians and the animal-rights movement.
Pardes, H.; West, A.; Pincus, H.A.
Boston, Mass. : Massachusetts Medical Society; 1991 Jun06. New England journal of medicine v. 324 (23): p. 1640-1643; 1991 Jun06. Includes references.

Language: English

Descriptors: Animal welfare; Research; Regulations; Physicians; Interest groups; Mass media; Aggressive behavior; Animal testing alternatives

244 NAL Call. No.: BL439.5.A55
The place of animals in creation: a Christian view.
Linzey, A.
Philadelphia, Pa. : Temple University Press; 1986.
Animal sacrifice : religious perspectives on the use of
animals in science / edited by Tom Regan. p. 115-148; 1986.
Includes references.

Language: English

Descriptors: Animal welfare; Valuations; Life; Religion;
Ethics; Use value

245 NAL Call. No.: RM267.E97
Principles of animal care.
Bruhin, H.
London : Academic Press; 1986.
Experimental models in antimicrobial chemotherapy / [edited
by] Oto Zak, Merle A. Sande. v. 1 p. 7-18. ill; 1986.
Literature review. Includes references.

Language: English

Descriptors: Laboratory animals; Animal welfare; Medical
research; Ethics; Animal experiments; Breeding;
Identification; Nutrition; Guidelines

246 NAL Call. No.: QL55.I573
Proceedings of the ... annual International Foundation for
Ethical Research Workshop.
International Foundation for Ethical Research
International Foundation for Ethical Research Workshop.
Chicago, Ill. : The Foundation, 1989-; 1989-9999.
v. ; 28 cm.

Language: English; English

Descriptors: Laboratory animals; Congresses; Animals,
Treatment of; Congresses; Animal welfare; Congresses

247 NAL Call. No.: A00063
Prof defends use of animals for anatomy study.
Singband, D.
Durham, N.C. : Durham Herald Co., Inc; 1990 Nov05.
Durham morning herald. p. A3; 1990 Nov05.

Language: English

Descriptors: North Carolina; Animal welfare; Animal
experiments; Usda

248 NAL Call. No.: LB2300.C5
The protection of laboratories and of Laboratory animals.
Winkoff, M.; Doreski, C.K.; Manzo, B.
Washington, D.C. : Chronicle of higher education :.; 1990
Oct17. The chronicle of higher education v. 37 (7): p. B3-B4;
1990 Oct17.

Language: English

Descriptors: Animal welfare; Animal experiments

249 NAL Call. No.: HV4701.A34
Providing humane stewardship for wildlife: the case against

sport hunting. Grandy, J.W.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 295-300; 1986-1987.
Paper presented at the conference on "Animals and Humans:
Ethical Perspectives," Moorhead, Minnesota, April 21-23, 1986.

Language: English

Descriptors: Animal sports; Hunting; Animal welfare; Wildlife
parks; Wildlife management

250 NAL Call. No.: HV4701.A34
The psychology and ethics of humane equine treatment.
Cregier, S.E.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 77-87; 1986-1987.
Includes references.

Language: English

Descriptors: Horses; Animal welfare; Psychology; Ethics;
Transport of animals

251 NAL Call. No.: GF50.C63
Rape of the wild man's violence against animals and the earth.
Collard, Andree,; Contrucci, Joyce
Bloomington : Indiana University Press, 1989; 1989.
xvii, 187 p. ; 22 cm. Includes bibliographical references and
index.

Language: English

Descriptors: Human ecology; Feminist criticism; Animals,
Treatment of; Philosophy of nature; Animal welfare

252 NAL Call. No.: QL751.P4
Reflective ethology, applied philosophy, and the moral status
of animals. Bekoff, M.; Jamieson, D.
New York, N.Y. : Plenum Press; 1991.
Perspectives in ethology v. 9: p. 1-47; 1991. In the series
analytic: Human understanding and animal awareness / edited by
P.P.G. Bateson and P.H. Klopfer. Literature review. Includes
references.

Language: English

Descriptors: Animal welfare; Animal behavior; Philosophy;
Bioethics; Literature reviews

Abstract: Currently there is an unprecedented interest in
ethological studies of nonhuman animals. Much of this interest
is motivated by a desire to learn more about animals
themselves. For scientists assuming this stance, a secondary
goal is to use this knowledge to assess the place of humans in
the natural order of things, stressing continuity or
discontinuity depending on one's views. Others, however, study
animals primarily to apply this knowledge to human behavior.
We argue that behavioral research demands the rigorous
application of methods that are minimally harmful to the
animals being studied. We argue for a moderate, but rigorous
and uncompromising, position on issues of animal welfare. A
number of areas that in our opinion require careful scrutiny
before research should be permitted are identified. It is a
privilege to study nonhumans even in what seem to be
noninterventive situations, and we should reflect on what we
are doing by empathizing with the animals that are being
studied. From this point of view, ethological interest and

philosophical concerns with morality, mind, and science complement one another. Thus, ethology and philosophy should inform one another with respect to the way in which animals are studied, and how data are analyzed, applied, and disseminated.

253 NAL Call. No.: QP1.A2 SUPPL.
Regulation of animal experimentation: Canada's program of voluntary control. Rowsell, H.C.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 95-105; 1986.
Includes references.

Language: English

Descriptors: Canada; Animal experiments; Regulations;
Committees; Bioethics; Animal research; Animal welfare; Pain

254 NAL Call. No.: QP1.A2 SUPPL.
Regulation of animal experimentation in Sweden.
Skoglund, E.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 153-157; 1986.

Language: English

Descriptors: Sweden; Animal welfare; Animal experiments;
Regulations; Bioethics; Animal research; Law

255 NAL Call. No.: QP1.A2 SUPPL.
Regulation of animal experimentation: United States of America. Orlans, F.B.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 138-152; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of Animal Experimentation," August 12-14, 1985, Stockholm, Sweden. Includes references.

Language: English

Descriptors: U.S.A.; Laboratory animals; Animal experiments;
Regulations; Animal welfare; Legislation; Institutions

256 NAL Call. No.: QP1.A2 SUPPL.
Regulation of animal experimentation--the international experience: Switzerland.
Weihe, W.H.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 114-126; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of Animal Experimentation," August 12-14, 1985, Stockholm, Sweden. Includes references.

Language: English

Descriptors: Switzerland; Animal experiments; Protection;
Legislation; Regulations; Licensing

257 NAL Call. No.: QP1.A2 SUPPL.
The regulation of experiments on animals in the United Kingdom. Rankin, J.D.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 127-137; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of Animal Experimentation," August 12-14, 1985, Stockholm,

Sweden.

Language: English

Descriptors: United Kingdom; Animal experiments; Regulations;
Legislation; Licensing; Inspection

258 NAL Call. No.: BL439.5.A55

The relevance of animal experimentation to Roman Catholic
ethical methodology. Gaffney, J.
Philadelphia, Pa. : Temple University Press; 1986.
Animal sacrifice : religious perspectives on the use of
animals in science / edited by Tom Regan. p. 149-170; 1986.
Includes references.

Language: English

Descriptors: Animal experiments; Ethics; Religion; Trends;
Laboratory animals; Use value; Medical research

259 NAL Call. No.: 470 SI2

Research animals and human values.
Neville, M.
New Haven, Conn. : Sigma Xi, The Scientific Research Society;
1988 Sep. American scientist v. 76 (5): p. 429; 1988 Sep.
Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Primates;
Medical research; Bioethics

260 NAL Call. No.: QL750.A6

Research on alternatives to the battery system for laying
hens. Folsch, D.W.; Huber, H.U.; Bolter, U.; Gozzoli, L.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 29-45. ill.,
maps; 1988 Jul. Paper presented at the "Symposium on Animal
Bio-ethics and Applied Ethology," August 1987, Montreal,
Canada. Includes references.

Language: English

Descriptors: Europe; Hens; Egg production; Battery cages;
Loose housing; Poultry housing; Design; Research projects

261 NAL Call. No.: 381 J825N

Researchers take aim at animal rights activists.
Baum, R.
Washington, D.C. : American Chemical Society; 1989 Feb26.
Chemical and engineering news v. 68 (9): p. 6; 1989 Feb26.

Language: English

Descriptors: Animal welfare; Animal experiments; Ethics

262 NAL Call. No.: GF80.T39

Respect for nature a theory of environmental ethics.
Taylor, Paul W.
Princeton, N.J. : Princeton University Press; 1986.
ix, 329 p. ; 23 cm. (Studies in moral, political, and legal
philosophy). Includes index. Bibliography: p. 315-323.

Language: English

Descriptors: Human ecology; Moral and ethical aspects;
Environmental protection; Moral and ethical aspects; Animal
welfare

263 NAL Call. No.: SF601.J62
Retrospective peer review: an editor's view of moral and
ethical considerations regarding publication of research
manuscripts. Harvey, C.E.
Blacksburg, Va. : The Association of American Veterinary
Medical Colleges; 1986.
Journal of veterinary medical education v. 13 (1): p. 9-11;
1986.

Language: English

Descriptors: Animal experiments; Animal welfare; Ethics; Moral
values; Animal research; Publications

264 NAL Call. No.: HV4708.S73
Reverence, responsibility and rights.
Linzey, D.
Wallingford, Oxon, UK : CAB International; 1989.
The status of animals : ethics, education and welfare / edited
by David Paterson and Mary Palmer. p. 20-50; 1989. Includes
references.

Language: English

Descriptors: Animal welfare; Religion; Bioethics; Attitudes

265 NAL Call. No.: 391.8 T66
Review article on the significance of animal experiments in
toxinology. Meier, J.; Stocker, K.
Oxford : Pergamon Press; 1989.
Toxicon v. 27 (1): p. 91-104; 1989. Includes references.

Language: English

Descriptors: Animal experiments; Toxicology; Ethics; Toxins

266 NAL Call. No.: 410.9 P94
Review of experimental protocols: classifying animal harm and
applying "refinements".
Orlans, F.B.
Joliet, Ill. : American Association for Laboratory Animal
Science; 1987 Jan. Laboratory animal science v. 37 (special
issue): p. 50-56; 1987 Jan. In the series analytic: Effective
animal care and use committees / edited by F.B. Orlans, R.C.
Simmonds, W.J. Dodds. Includes references.

Language: English

Descriptors: Animal welfare; Animal experiments; Ethics;
Injuries; Animal testing alternatives

267 NAL Call. No.: QP1.A2 SUPPL.
The rights of humans and other animals.
Regan, T.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 33-40; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of
Animal Experimentation," August 12-14, 1985, Stockholm,
Sweden.

Language: English

Descriptors: Animal welfare; History; Ethics; Philosophy;
Animal experiments

268 NAL Call. No.: QP1.A2 SUPPL.
The rights of humans and other animals.
Regan, T.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 33-40; 1986.

Language: English

Descriptors: Animal welfare; Animal experiments; Bioethics;
Man; Moral values

269 NAL Call. No.: S605.5.I45 1984
The role of animals in biological farming systems.
Boehncke, E.
Witzenhausen : Verlagsgruppe Witzenhausen; 1986.
The importance of biological agriculture in a world of
diminishing resources : proc of the 5th IFOAM Int Scientific
Conference at the Univ of Kassel (Germany), Aug 27-30, 1984 /
H. Vogtmann, E. Boehncke, I. Fricke, eds. p. 317-331; 1986.
Includes references.

Language: English

Descriptors: German federal republic; Animal welfare; Animal
husbandry; Animal production; Problem analysis; Philosophy;
Ethics; Animal feeding; Feed evaluation; Grass tetany;
Veterinary medicine; Antibiotics; Antibody formation

270 NAL Call. No.: HV4702.H85
Rude awakenings.
Fox, M.W.
Washington, D.C. : The Humane Society of the United States;
1988. The Humane Society of the United States News v. 33 (1):
p. 28-29. ill; 1988.

Language: English

Descriptors: U.S.A.; Animal welfare; Societies; Ethics;
Protection

271 NAL Call. No.: QL750.A6
Science and the politics of animal use in food production. The
situation in Australia.
Beilharz, R.G.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 143-150; 1988
Jul. Paper presented at the "Symposium on Animal Bio-ethics
and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Australia; Animal production; Animal welfare;
Politics; Research projects

272 NAL Call. No.: QL750.A6
The scientific assessment of animal welfare.
Broom, D.M.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 5-19; 1988
Jul. Paper presented at the "Symposium on Animal Bio-ethics

and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Animal welfare; Assessment; Environmental
factors; Pig housing; Floors; Sheep housing; Stress

273 NAL Call. No.: HV4711.I6 1986
The scientific basis for assessing suffering in animals., 1st
Perennial Library ed.
Dawkins, M.S.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 27-40;
1986.

Language: English

Descriptors: Animal welfare; Ethics; Animal behavior; Animal
health; Physiology; Stress

274 NAL Call. No.: BJ1012.M37 1986
The search for an environmental ethic., 2nd ed.
Callicott, J.B.
New York : Random House; 1986.
Matters of life and death : new introductory essays in moral
philosophy / Tom L. Beauchamp ... [et al.] ; edited by Tom
Regan. p. 381-424; 1986. Includes references.

Language: English

Descriptors: Environment; Bioethics; Animal welfare;
Relationships

275 NAL Call. No.: 470 SCI2
Seizures in drug-treated animals.
Miczek, K.A.; Weerts, E.M.; Suzdak, P.D.; Glowa, J.R.;
Crawley, J.N.; Schwartz, R.D.; Skolnick, P.; Paul, S.M.
Washington, D.C. : American Association for the Advancement of
Science; 1987 Mar06.
Science v. 235 (4793): p. 1127-1128; 1987 Mar06. Includes
references.

Language: English

Descriptors: Rats; Monkeys; Epilepsy; Imidazoles;
Benzodiazepine; Drugs; Testing; Ethics

276 NAL Call. No.: QH332.M32 1990
Shaping genes ethics, law and science of using new genetic
technology in medicine and agriculture.
Macer, Darryl R. J.
Eubios Ethics Institute
Christchurch, N.Z. : Eubios Ethics Institute; 1990.
x, 421 p. : ill. ; 21 cm. Includes index. Bibliography: p.
348-392.

Language: English

Descriptors: Genetic engineering; Biotechnology; Bioethics

277 NAL Call. No.: Videocassette no.417
Silent world genetic engineering biotechnology : ethical,
environmental and animal welfare concerns.. Genetic
engineering biotechnology Genetic engineering biotechnology;

ethical, environmental and animal welfare concerns Silent world ; genetic engineering biotechnology
Fox, Michael W.,
Center for Respect of Life and Environment, Connecticut Video Productions Washington, D.C. : Center for Respect of Life and Environment ; Old Saybrook, CT : Connecticut Video Productions [distributor, [1988?]; 1988. 1 videocassette (45 min.) : sd., col. ; 1/2 in. + 1 script (17 p.)..

Language: English

Descriptors: Animal genetic engineering; Genetic engineering; Social aspects; Biotechnology; Social aspects; Animals, Treatment of; Animal welfare

278 NAL Call. No.: HV4711.I6 1986
The Silver Spring monkeys., 1st Perennial Library ed.
Pacheco, A.; Francione, A.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 118-132; 1986.

Language: English

Descriptors: Maryland; Rhesus monkeys; Animal welfare; Ethics; Animal research; Law

279 NAL Call. No.: QP1.A2 SUPPL.
Some examples of necessary continuation and possible discontinuation of animal experiments.
Dawson, M.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 194-197; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of Animal Experimentation," August 12-14, 1985, Stockholm, Sweden.

Language: English

Descriptors: Animal experiments; Cell culture; Animal testing alternatives; Pharmacology

280 NAL Call. No.: QL750.A6
Special address.
Harrison, R.
Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.
Applied animal behaviour science v. 20 (1/2): p. 21-27; 1988 Jul. Paper presented at the "Symposium on Animal Bio-ethics and Applied Ethology," August 1987, Montreal, Canada.
Includes references.

Language: English

Descriptors: Livestock farming; Meat production; Intensive livestock farming; Animal welfare; Ecology; Bioethics; Guidelines

281 NAL Call. No.: HV4701.B4
Speciesism: a form of bigotry or a justified view?.
Pluhar, E.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay Institute/Congress of Cultures; 1988.
Between the species : a journal of ethics v. 4 (2): p. 83-96. ill; 1988. Includes references.

Language: English

Descriptors: Animals; Bioethics

282 NAL Call. No.: HV4711.I6 1986
Speciesism in the laboratory., 1st Perennial Library ed.
Ryder, R.D.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 77-88;
1986. Includes references.

Language: English

Descriptors: Animal welfare; Ethics; Pain; Animal experiments;
Animal testing alternatives; Laboratories

283 NAL Call. No.: HV4701.B4
A spiritual approach to the question of leather.
Epstein, R.
Berkeley, Calif. : Schweitzer Center, San Francisco Bay
Institute/Congress of Cultures; 1987.
Between the species : a journal of ethics v. 3 (1): p. 19-24;
1987.

Language: English

Descriptors: Animal welfare; Leather industry; Moral values;
Religion

284 NAL Call. No.: Z7994.L3A5
Stagnation in Dutch policies concerning alternatives, animal
welfare and ethics.
Cock Buning, T. de; Smit, C.J.
Nottingham : Fund for the Replacement of Animals in Medical
Experiments; 1988 Jun.
Alternatives to laboratory animals : ATLA v. 15 (4): p.
305-310; 1988 Jun.

Language: English

Descriptors: Netherlands; Animal testing alternatives; Animal
welfare; Ethics; Policy; Regulations; Legislation

285 NAL Call. No.: HV4708.S73
The Status of animals ethics, education and welfare.
Paterson, David; Palmer, Mary
Humane Education Foundation
Wallingford, Oxon, UK : Published on behalf of the Humane
Education Foundation by CAB International,; 1989.
xi, 257 p. ; 23 cm. Proceedings of a symposium held at
Nottingham University in the summer of 1988. Includes
bibliographical references and index.

Language: English

Descriptors: Animals, Treatment of

286 NAL Call. No.: GF80.E5
Taking sympathy seriously: a defense of our moral psychology
toward animals. Fisher, J.A.
Athens, Ga. : Environmental Philosophy, Inc; 1987.
Environmental ethics v. 9 (3): p. 197-215; 1987. Includes
references.

Language: English

Descriptors: Bioethics; Animal welfare; Emotions; Moral values

287 NAL Call. No.: 49 J82
Teaching animal welfare in the land grant universities.
Friend, T.H.
Champaign, Ill. : American Society of Animal Science; 1990
Oct. Journal of animal science v. 68 (10): p. 3462-3467; 1990
Oct. Includes references.

Language: English

Descriptors: Animal welfare; Teaching; Curriculum;
Agricultural colleges; Bioethics; History; Legislation

288 NAL Call. No.: QP1.A2 SUPPL.
Testing of cosmetics and toiletries.
Andersen, K.E.
Stockholm : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 180-190; 1986.
Paper presented at the "Second CFN Symposium on the Ethics of
Animal Experimentation," August 12-14, 1985, Stockholm,
Sweden. Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments;
Toxicology; Testing; Cosmetics; Chemicals; Skin tests

289 NAL Call. No.: SF756.5.S97 1985
"The Frankenstein thing": the moral impact of genetic
engineering of agricultural animals on society and future
science.
Rollin, B.E.
New York : Plenum Press; 1986.
Genetic engineering of animals : an agricultural perspective /
edited by J. Warren Evans and Alexander Hollaender ; technical
editor, Claire M. Wilson. p. 285-297; 1986. (Basic life
science ; v. 37). Paper presented at a symposium on "Genetic
Engineering of Animals," September 9-12, 1985, Davis,
California. Includes references.

Language: English

Descriptors: Livestock; Genetic engineering; Animal welfare;
Social emotional development

290 NAL Call. No.: Audiocassette no. 75
[The welfare of laboratory animals current issues].. New PHS
policy and ILAR guides New federal law, provisions & impact
Public concerns on animal experiment Philosophical & ethical
aspects Current policies, public attitudes ACUCs: SCAW's
consensus recommendations Workshop: Use of animals in
education Unresolved issues: welfare of laboratory animals
[sound recording] The Winning number is one How to recognize
animal pain Review responsibilities of scientists to protect
animals from pain
Scientists Center for Animal Welfare (Washington, D.C.)
Bethesda, Md.? : The Center?, 1987?; 1987.
11 sound cassettes (ca. 400 min.) : 1 7/8 ips., mono. Title
from Distributor's order form.

Language: English

Descriptors: Animals, Treatment of; Congresses; Laboratory
animals; Congresses

291 NAL Call. No.: HV4711.A56 1989
The theos-rights of animals., 2nd ed.
Linzey, A.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 134-138; 1989.

Language: English

Descriptors: Animal welfare; Religion

292 NAL Call. No.: HV4711.I6 1986
'They clearly now see the link': militant voices., 1st
Perennial Library ed. Windeatt, P.
New York : Perennial Library, 1986; 1986.
In defense of animals / edited by Peter Singer. p. 179-193;
1986.

Language: English

Descriptors: United Kingdom; Animal welfare; Ethics; Animal
experiments; Politics; Legislation

293 NAL Call. No.: A00025
"True Facts" or propaganda: structural defects in Miller's
defense of animal research.
Giannelli, M.A.
New Gloucester, Me. : s.n. :.; 1986.
PsyETA - Psychologists for the Ethical Treatment of Animals
bulletin v. 5 (2): p. 9-11; 1986. Includes references.

Language: English

Descriptors: Animal research; Animal experiments; Ethics;
Psychology; Animal welfare

294 NAL Call. No.: QL55.R65
The unheeded cry animal consciousness, animal pain and
science. Rollin, Bernard E.
Oxford [England] ; New York : Oxford University Press,; 1989.
xviii, 308 p. : ill. ; 23 cm. (Studies in bioethics).
Includes index. Bibliography: p. 287-299.

Language: English

Descriptors: Laboratory animals; Moral and ethical aspects;
Animal welfare

295 NAL Call. No.: 410.9 P94
University of Southern California model for the humane care
and utilization of animals in research and teaching.
Benedict, R.C.
Joliet, Ill. : American Association for Laboratory Animal
Science; 1987 Jan. Laboratory animal science v. 37 (special
issue): p. 90-92; 1987 Jan. In the series analytic: Effective
animal care and use committees / edited by F.B. Orlans, R.C.
Simmonds, W.J. Dodds.

Language: English

Descriptors: California; Animal welfare; Animal research;
Models; Teaching; Universities; Committees; Ethics

296 NAL Call. No.: 410.9 P94

The University of Southern California's committee in action.
Berne, T.V.; Blackmore, W.M.; Marsh, D.; Horowitz, E.; Baker, M.J.; Peck, J.D.; Robb, J.W.; Berry, B.
Joliet, Ill. : American Association for Laboratory Animal Science; 1987 Jan. Laboratory animal science v. 37 (special issue): p. 81-89. ill; 1987 Jan. In the series analytic: Effective animal care and use committees / edited by F.B. Orlans, R.C. Simmonds, W.J. Dodds.

Language: English

Descriptors: California; Laboratory animals; Animal experiments; Ethics; Committees; Universities

297 NAL Call. No.: Z7994.L3A5
The US Congress Office of Technology Assessment Report on alternatives to animal use in research, testing and education.
Balls, M.
Nottingham : Fund for the Replacement of Animals in Medical Experiments; 1987 Jun.
Alternatives to laboratory animals : ATLA v. 14 (4): p. 289-306; 1987 Jun. Includes references.

Language: English

Descriptors: U.S.A.; Animal testing alternatives; Animal research; Education; Animal experiments; Regulations; Research policy; Ethics; Finance; Animal welfare; Reports

298 NAL Call. No.: Q1.S37
U.S. officials defend animal research.
Mervis, J.
Philadelphia, Pa. : Institute for Scientific Information :; 1990 Jan08. The scientist v. 4 (1): p. 1, 4, 33; 1990 Jan08.

Language: English

Descriptors: U.S.A.; Animal experiments; Animal welfare; Ethics; Legislation

299 NAL Call. No.: SF406.U8
The Use of animals a compendium of articles on the use of animals in biomedical research.
American Association for Laboratory Animal Science
Cordova, Tenn. : American Association for Laboratory Animal Science, [1987?]; 1987.
1 v. (loose-leaf) : ill. ; 28 cm. Loose-leaf for updating. Includes bibliographical references and index.

Language: English

Descriptors: Laboratory animals; Animal experimentation; Animal models in research; Animal welfare; Bioethics

300 NAL Call. No.: QP1.A2 SUPPL.
The use of animals in education.
Jakobson, M.E.
Oxford : Blackwell Scientific Publications; 1986.
Acta physiologica Scandinavica v. 128 (554): p. 198-207; 1986. Includes references.

Language: English

Descriptors: Animals; Education; Teaching materials; Bioethics

301 NAL Call. No.: 448.9 AM37
Use of animals in medical education.
Chicago, Ill. : The Association; 1991 Aug14.
JAMA : Journal of the American Medical Association v. 266 (6):
p. 836-837; 1991 Aug14. Includes references.

Language: English

Descriptors: Animal experiments; Medical education; Animal
models; Animal testing alternatives; Policy; Ethics

302 NAL Call. No.: Videocassette no.186
Using animals in research guidelines for investigators March
25, 1986, USDA-Agricultural Research Service, Beltsville, Md.
United States, Agricultural Research Service
Beltsville, Md. : USDA, Agricultural Research Service; 1986.
6 videocassettes (U-matic) (ca. 240 min.) : sd., col. ; 3/4
in. + 1 course booklet.

Language: English

Descriptors: Laboratory animals; Congresses; Animal
experimentation; Congresses; Animal models in research;
Congresses; Animal testing alternatives; Animal welfare

303 NAL Call. No.: BJ52.5.J68
Utilitarian killing, replacement, and rights.
Pluhar, E.
New York : Taylor & Francis; 1990.
Journal of agricultural ethics v. 3 (2): p. 147-171; 1990.
Includes references.

Language: English

Descriptors: Animal welfare; Ethics; Agricultural production;
Laboratories

304 NAL Call. No.: HV4702.H85
The "values" of sentient beings.
Fox, M.W.
Washington, D.C. : The Humane Society of the United States;
1989. The Humane Society of the United States News v. 34 (2):
p. 24-25. ill; 1989.

Language: English

Descriptors: Animal welfare; Ecological balance; Man;
Predators; Philosophy

305 NAL Call. No.: TX392.A1V44
Veganism: the ethics, the philosophy, the diet.
Moran, V.
Mt. Morris, Ill. : Vegetarian Life & Times; 1989 Jan.
Vegetarian times (137): p. 50-52, 54; 1989 Jan. Includes 9
references.

Language: English

Descriptors: Vegans; Vegetarian diets; Food beliefs; Ethics;
Animal welfare; Philosophy

Abstract: This article discusses veganism. Dietary vegans eat
no food of animal origin. Ethical vegans extend the philosophy
to include the refusal to use all animal products, such as
leather. Several questions about veganism are answered,
including the adequacy of calcium and vitamin B12 in the vegan

diet.

306 NAL Call. No.: SF756.39.T36
Veterinary ethics.
Tannenbaum, Jerrold
Baltimore : Williams & Wilkins,; 1989.
xviii, 358 p. ; 26 cm. Includes bibliographies and index.

Language: English

Descriptors: Veterinary medicine; Moral and ethical aspects;
Veterinarians; Professional ethics; Animals, Treatment of

307 NAL Call. No.: HV4915.V58
Vicarious suffering, necessary pain: physiological method in
late Nineteenth-Century Britain.
Richards, S.
London : Croom Helm; 1987.
Vivisection in historical perspective / edited by Nicolaas A.
Rupke. p. 125-148; 1987. (The Wellcome Institute series in the
history of medicine). Includes references.

Language: English

Descriptors: United Kingdom; Laboratory animals; Ethics;
Anesthetics

308 NAL Call. No.: HV4915.D52
Victims of vanity animal testing of cosmetics and household
products and how to stop it.
Dickinson, Lynda,
Toronto : Summerhill Press,; 1989.
93 p. : ill. ; 23 cm.

Language: English

Descriptors: Animal welfare; Animal experimentation; Moral and
ethical aspects; Cosmetics; Toxicology; Testing; Moral and
ethical aspect; Household supplies; Toxicology; Testing; Moral
and ethical aspects

309 NAL Call. No.: HV4711.A56 1989
Vivisection, morals, and medicine: an exchange., 2nd ed.
Frey, R.G.; Paton, W.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 223-236; 1989.

Language: English

Descriptors: Animal welfare; Animal research; Pain

310 NAL Call. No.: BJ52.5.J68
We should not manipulate the genome of domestic hogs.
Sapontzis, S.F.
Guelph, Ontario, Canada : University of Guelph; 1991.
Journal of agricultural & environmental ethics v. 4 (2): p.
177-185; 1991. Includes references.

Language: English

Descriptors: Pigs; Genetic engineering; Animal welfare; Ethics

311 NAL Call. No.: QL750.A6

Welfare of farm animals.

Hurnik, J.F.

Amsterdam : Elsevier Science Publishers, B.V.; 1988 Jul.

Applied animal behaviour science v. 20 (1/2): p. 105-117; 1988

Jul. Paper presented at the "Symposium on Animal Bio-ethics

and Applied Ethology," August 1987, Montreal, Canada.

Includes references.

Language: English

Descriptors: Animal welfare; Livestock housing; Stress;

Bioethics; Animal behavior

312

NAL Call. No.: A00025

What banner shall we fly?.

Gardner, B.T.; Gardner, R.A.

New Gloucester, Me. : s.n. :.; 1989.

PsyETA - Psychologists for the Ethical Treatment of Animals

bulletin v. 8 (2): p. 5-7; 1989.

Language: English

Descriptors: Animal experiments; Ethics; Animal welfare;

Psychology; Laboratory rearing; Standards

313

NAL Call. No.: QP1.A2 SUPPL.

Which are the most important effects of regulation?.

Forsman, B.

Stockholm : Blackwell Scientific Publications; 1986.

Acta physiologica Scandinavica v. 128 (554): p. 176-178; 1986.

Paper presented at the "Second CFN Symposium on the Ethics of

Animal Experimentation," August 12-14, 1985, Stockholm,

Sweden.

Language: English

Descriptors: Sweden; Animal experiments; Regulations; Ethics

314

NAL Call. No.: S541.5.03054

Who's right? Economics vs. ethics: farmers and activists are

squaring off over animal rights.

Ernst, S.

Wooster, Ohio : The Service; 1990 Mar.

Ohio 21 - College of Agriculture, Ohio Cooperative Extension

Service, Ohio Agricultural Research and Development Center,

Ohio State University v. 4 (1): p. 6-9; 1990 Mar.

Language: English

Descriptors: Animal welfare; Animal husbandry

315

NAL Call. No.: HV4711.A56 1989

Why animals cannot have rights., 2nd ed.

White, A.

Englewood Cliffs, N.J. : Prentice Hall; 1989.

Animal rights and human obligations / edited by Tom Regan,

Peter Singer. p. 119-121; 1989. Includes references.

Language: English

Descriptors: Animal welfare; Law

316

NAL Call. No.: HV4711.A56 1989

Why animals have a right to liberty., 2nd ed.

Rachels, J.

Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 122-131; 1989. Includes references.

Language: English

Descriptors: Animal welfare

317 NAL Call. No.: HV4711.A56 1989
Why death does harm animals., 2nd ed.
Regan, T.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 153-157; 1989. Includes references.

Language: English

Descriptors: Animal welfare; Death

318 NAL Call. No.: HV4711.A56 1989
Why death does not harm animals., 2nd ed.
Cigman, R.
Englewood Cliffs, N.J. : Prentice Hall; 1989.
Animal rights and human obligations / edited by Tom Regan,
Peter Singer. p. 150-151; 1989. Includes references.

Language: English

Descriptors: Animal welfare; Death

319 NAL Call. No.: HV4701.P47
Why do we care?.
Newkirk, I.
Washington, D.C. : People for the Ethical Treatment of
Animals; 1986. PETA news v. 1 (9): p. 12-13. ill; 1986.

Language: English

Descriptors: Animal welfare; Ethics

320 NAL Call. No.: QL85.M54 1991
Wild animals and American environmental ethics.
Mighetto, Lisa,
Tucson : University of Arizona Press,; 1991.
xiv, 177 p., [32] p. of plates : ill. ; 24 cm. Includes
bibliographical references (p. [147]-165) and index.

Language: English

Descriptors: Human-animal relationships; Animal rights;
Wildlife conservation

321 NAL Call. No.: HV4701.A34
Wildlife and nature liberation.
Fox, M.W.
Boston : Martinus Nijhoff Publishers; 1986-1987.
Advances in animal welfare science. p. 139-143; 1986-1987.
Includes references.

Language: English

Descriptors: Wildlife conservation; Wildlife management;
Animal welfare; Ethics; Ecology

322 NAL Call. No.: HV4701.A34
 Wildlife conservation and animal rights: are they compatible?.
 Hutchins, M.; Wemmer, C.
 Boston : Martinus Nijhoff Publishers; 1986-1987.
 Advances in animal welfare science. p. 111-137; 1986-1987.
 Literature review. Includes references.

Language: English

Descriptors: Wildlife conservation; Animal welfare;
 Philosophy; Ethics; Wildlife management; Population control

323 NAL Call. No.: QL85.E2
 Zen and the art of hunting a personal search for environmental
 values. Eaton, Randall L.,
 Reno, Nev. : Carnivore Press,; 1986.
 74 p. ; 26 cm.

Language: English

Descriptors: Hunting; Moral and religious aspects; Human-
 animal relationships

AUTHOR INDEX

- Adams, D. 195
- Adams, D.B. 62
- Akeret, Julie 193
- Allan, D.J. 169
- American Anti-Vivisection Society 187
- American Association for Laboratory Animal Science 299
- American College of Toxicology, Meeting 1990 :Orlando, Fla., Production Plus, Inc. 47
- Andersen, K.E. 288
- Animal Welfare Foundation of Canada 71
- Animal Welfare Information Center (U.S.) 61
- Asko-Seljavaara, S. 80
- Aspen Institute, University of Maryland at College Park, Dept. of Animal Science 196
- Australia, Parliament, Senate, Select Committee on Animal Welfare 21
- Avens, J.S. 98
- Baird, Robert M. 22
- Baker, M.J. 296
- Balk, R.A. 222
- Balls, E.M. 218
- Balls, M. 297
- Bar, M. 69
- Barad, J. 63
- Barnes, D. 129
- Barnes, D.J. 30, 85, 210
- Bateson, P. 57, 68
- Baum, R. 261
- Baum, R.M. 74
- Baxter, M.R. 240
- Beauchamp, Tom L. 119
- Beck, A.M. 49
- Beilharz, R.G. 271
- Bekoff, M. 252
- Benedict, R.C. 295
- Berne, T.V. 296

- Bernstein, E. 142
- Berry, B. 296
- Beynen, A.C. 99
- Blackmore, W.M. 296
- Blackshaw, J.K. 169
- Blatz, C. 208
- Blatz, C.V. 201
- Bleich, J.D. 202
- Bloyd-Peshkin, S. 235
- Boehncke, E. 269
- Bolter, U. 260
- Bowker, J. 198
- Boyd, Kenneth M. 167
- Bray, G.A. 226
- Britt, D.P. 157
- Broom, D.M. 149, 272
- Brown, Les, 125
- Bruhin, H. 245
- Bullfrog Films, Inc 193
- Callicott, J.B. 274
- Capaldo, T. 55
- Caplan, A. 213
- Caplan, A.L. 135
- Carlsson, B. 152
- Cartmill, M. 102
- Cassidy, R. 73
- Cate, D.L.A 199
- Center for Respect of Life and Environment, Connecticut Video Productions 277
- Chapple, C. 223
- Chaszeyka, Michael A. 19
- Church, R.B. 64
- Cigman, R. 318
- Clark, R.L. 155
- Clark, S.R.L. 186
- Clingerman, K.J. 143, 144
- Coats, C. David 229
- Cock Buning, T. de 284
- Cohen, Murry 8
- Collard, Andree, 251
- Contrucci, Joyce 251
- Council for Science and Society 114
- Crawley, J.N. 275
- Cregier, S.E. 250
- Crowell, W.A. 195
- Curtis, S.E. 58, 92
- Cuthill, I. 180
- Dawkins, M.S. 273
- Dawson, M. 279
- De Gray, C. 158
- Dennis, M.B. Jr 140
- Detjen, J. 109
- Dickinson, Lynda, 308
- Dilley, R.M. 66
- Donahue, T.J. 212

- Donnelley, Strachan 60
- Doreski, C.K. 248
- Doris, Peter A. 100, 101
- Driscoll, J.W. 57
- Druce, Clare 104
- Duncan, I.J.H. 225
- Eaton, Randall L., 323
- Ehinger, B.E.J. 20
- Ekesbo, I. 25
- Elliot, J.I. 46
- Ellis, M. 164
- Elwood, R.W. 151
- Engelman, M. 32
- Epstein, R. 283
- Ernst, S. 314
- Eubios Ethics Institute 276
- Ewald, Bruce H. 47
- Fisher, J.A. 286
- Flexner, J.L. 200
- Folsch, D.W. 170, 260
- Forsman, B. 313
- Fox, M.A. 17
- Fox, M.W. 83, 116, 184, 270, 304, 321
- Fox, Michael Allen 86
- Fox, Michael W., 221, 277
- Francione, A. 278
- Fraser, A.F. 45, 54
- Fraser, Andrew Ferguson 182
- Free, Ann Cottrell 59
- Frey, R.G. 82, 309
- Friend, T.H. 287
- Friendship, R.M. 111
- Gaffney, J. 258
- Gallistel, C.R. 96
- Garbe, Jo Anne L. 205
- Gardiner, D.J. 233
- Gardner, B.T. 312
- Gardner, R.A. 312
- Gartner, K. 1
- Giannelli, M.A. 293
- Gleason, Sean J. 61
- Glickman, L.T. 49
- Glickman, N.W. 49
- Glowa, J.R. 275
- Gotz, M. 171
- Gozzoli, L. 260
- Grandy, J.W. 78, 249
- Greenbough, W.T. 37
- Grommers, F.J. 53
- Gruzalski, B. ♦84
- Gunnarsson, Anders 166
- Guttman, H. 7
- Guy, R. 156
- Hagen, Nina 136

- Halsted, C.H. 168
- Hampson, J. 24, 146
- Harrison, R. 280
- Hart, B.L. 189
- Hart, L.A. 189
- Harvey, C.E. 263
- Hau, J. 204
- Heeger, F.R. 99
- Hendee, W.R. 188
- Hewitt, G. 117
- Hixson, M.K. 98
- Hollands, C. 3, 39
- Hooff, J.A.R.A.M. van 230
- Horowitz, E. 296
- Howard-Jones, N. 107
- Hoy, M.A. 200
- Huber, H.U. 260
- Hughes, B.O. 225
- Humane Education Foundation 285
- Hurnik, J.F. 52, 311
- Hutchins, M. 322
- Ichinose, L.Y. 27
- Illinois, General Assembly, Legislative Research Unit 19
- Institute of Medical Ethics (Great Britain) 167
- International Foundation for Ethical Research 197, 246
- Iowa State University 4
- Jackson, C. 13
- Jackson, W.T. 232
- Jakobson, M.E. 300
- Jamieson, D. 5, 252
- Jensen, P. 224
- Johnson, E. 207
- Johnson, M.W. 200
- Joiner, G. 6
- Kesel, M. Lynne 175
- Kiley-Worthington, M. 139
- King, F.W. 33
- Klaper, Michael A. 120
- Knowles, R.P. 206
- Kohn, P. 171
- Konrad, S. 171
- Kronfeld, D.S. 138
- Krupka, L.R. 32
- Langford, M.J. 48
- Large, Amanda 16
- Leeson, S. 220
- Lehman, H. 179, 231
- Lessley, B.E. 131
- Lewis, D.H. 165
- Linzey, A. 244, 291
- Linzey, D. 264
- Lissemore, K.D. 111
- Locke, E.A. 34, 214
- Lockwood, J.A. 217

- Lockwood, R. 236
- Loeb, J.M. 188
- Loew, F.M. 176
- Lovich, Lene 136
- Luescher, U.A. 111, 112
- Macer, Darryl R. J. 276
- Mader, B. 189
- Magel, Charles R. 203
- Manzo, B. 248
- Marion, J.E. 162
- Marsh, D. 296
- Mason, J. 76, 194
- Masri, B.A. 23
- Mather, J.A. 159
- McArdle, J. 128
- McKeown, D.B. 111, 112
- McNutt, K.W. 168
- Meier, J. 265
- Merrill, G.F. 94
- Mervis, J. 298
- Meyerson, B.J. 172
- Michener, G.R. 154
- Mickley, L.D. 83
- Miczek, K.A. 275
- Midgley, M. 93, 238
- Mighetto, Lisa, 320
- Monsen, E.R. 168
- Montagu, A. 190
- Moran, V. 110, 305
- Morris, J. 108
- Murison, R. 153
- Mysterud, I. 242
- Naess, A. 242
- Narveson, J. 81, 130
- National Anti-Vivisection Society (U.S.) 237
- National Institutes of Health (U.S.), Office of Protection from Research Risks, NIH Office of Animal Care and Use 15
- National Research Information Center (U.S.), American Anti- Vivisection Society, National Anti-Vivisection Society (U.S.), New England Anti-Vivisection Society 8
- Needham, E.A. 179
- Nelson, H.K. 91
- Neville, M. 259
- Newkirk, I. 319
- Nolan, Kathleen 60
- Nowierski, R.M. 200
- Odberg, F.O. 106
- Oldham, J. 67
- Oliver, J.S. 195
- Orlans, F.B. 97, 255, 266
- Pacheco, A. 278
- Palmer, Mary 285
- Pardes, H. 243
- Parr, C.P. 138
- Paterson, David 285
- Paton, W. 309

- Paul, S.M. 275
- Peck, J.D. 296
- People for the Ethical Treatment of Animals 77, 79, 134, 136
- Phillips, Mary T. 31
- Pincus, H.A. 243
- Pluhar, E. 281, 303
- Poulsen, O.M. 204
- Pringle, Laurence 38
- Putten, G. van 178
- Rachels, J. 127, 316
- Rachels, James, 122
- Rankin, J.D. 113, 257
- Regan, T. 89, 87, 88, 267, 268, 317
- Regan, Tom 35, 43
- Remfry, J. 145
- Richards, S. 307
- Richmond, G. 32
- Rist, M. 69, 171
- Robb, J.W. 211, 296
- Robinson, W.L. 90
- Rollin, B. 29
- Rollin, B.E. 50, 51, 103, 163, 216, 289
- Rollin, Bernard E. 175, 205, 294
- Rose, Margaret 16
- Rosenbaum, Stuart E. 22
- Rowan, A. 150
- Rowan, A.N. 14
- Rowsell, H.C. 253
- Rozovsky, L.E. 124
- Russow, Lilly-Marlene 239
- Ryder, R.D. 282
- Safford, S.K. 115
- Sandstead, H.H. 168
- Sapontzis, S. F. 219
- Sapontzis, S.F. 26, 173, 174, 215, 310
- Schleifer, H. 191
- Schmidt, R.H. 141
- Schwartz, R.D. 275
- Schwarz, M.R. 188
- Scientists Center for Animal Welfare (Washington, D.C.) 290
- Sechzer, Jeri A., 31
- Self, D.J. 115
- Sessle, B.J. 28
- Shapiro, K.J. 42
- Sharpe, R. 123
- Shelton, G.C. 115
- Simpson, R.D. 195
- Sinclair, J.D. 65
- Singband, D. 247
- Singer, B.A. 177
- Singer, P. 56, 161
- Singer, Peter 35
- Sitomer, C.J. 118
- Skoglund, E. 254

- Skolnick, P. 275
- Smit, C.J. 284
- Smith, F.N. 195
- Smith, Jane A. 167
- Smith, S.J. 188
- Spiegel, Marjorie 137
- Spira, H. 181
- Sprigge, T.L.S. 148
- Stafleu, F.R. 99
- Stephens, Martin L. 12
- Stevens, A. 9
- Stocker, K. 265
- Stone, J. 18
- Stone, M. 18
- Straughan, R. 185
- Suzdak, P.D. 275
- Swanson, Janice C. 61
- Sweden, Centrala Forsoksdjursnamnden 166
- Sylvan, R. 133
- Tannenbaum, J. 41, 160
- Tannenbaum, Jerrold 306
- Taylor, Paul W. 262
- Taylor, R.L. 227
- Tennessen, T. 192
- Texas Tech University, Health Sciences Center 100, 101
- Thelestam, Monica 166
- Thornton, S. 233
- Torrence, M.E. 49
- Trop, J.D. 228
- Turner, C.H. 40
- United States, Agricultural Research Service 302
- United States, Congress, Office of Technology Assessment 11
- United States. Congress. House. Committee on Science and Technology. Subcommittee on Science, Research, and Technology 10
- Ursin, H. 153
- Van Hoosier, G.L. Jr 140
- Vanderpool, H.Y. 168
- Walker, Alice 137
- Walters, LeRoy 119
- Warmbrodt, R.D. 75
- Weber, R. 171
- Weerts, E.M. 275
- Weibel, E.R. 209
- Weihe, W.H. 256
- Weinberger, D. 241
- Wemmer, C. 322
- West, A. 243
- Westermarck, H. 234
- White, A. 315
- Will, J.A. 95
- Williams, C.M. 183
- Willis, R. 121
- Wills, J.E. 233
- Wilson, James F. 205

- Windeatt, P. 292
- Winkoff, M. 248
- Young, Constance 8
- Yousef, M.K. 44
- Zbinden, G. 2
- Zimmermann, M. 70, 147

SUBJECT INDEX

- Abattoirs 191, 228
- Abnormal behavior 45, 224
- Adaptation 178
- Administration 162
- Aesthetic value 236
- Africa 121
- Aggressive behavior 151, 224, 243
- Agricultural biotechnology 4
- Agricultural colleges 287
- Agricultural policy 58
- Agricultural production 303
- Alcoholism 8
- Allergies 204
- Anesthesia 62
- Anesthetics 307
- Animal behavior 3, 44, 57, 69, 70, 72, 111, 112, 139, 154, 170, 171, 172, 178, 180, 182, 186, 224, 230, 252, 273, 311
- Animal breeding 64
- Animal experimentation 8, 10-12, 19, 21, 22, 31, 43, 60, 77, 79, 86, 136, 166, 167, 175, 187, 197, 203, 237, 299, 302, 308
- Animal experiments 1, 9, 17, 18, 20, 23, 24, 28-30, 32, 36, 37, 40, 44, 57, 62, 73-75, 80, 94, 97, 103, 105, 107, 109, 110, 117, 123, 128, 132, 135, 140, 145-148, 150, 152, 153, 157, 165, 168-181, 195, 198, 202, 208-210, 212, 213, 230, 233, 245, 247, 248, 253-259, 261, 263, 265-268, 279, 282, 288, 292, 293, 296-298, 301, 312, 313
- Animal feeding 269
- Animal genetic engineering 277
- Animal health 25, 54, 170, 273
- Animal housing 69, 139, 172, 225
- Animal husbandry 25, 46, 51, 72, 139, 183, 269, 314
- Animal models 8, 12, 301
- Animal models in research 100, 101, 299, 302
- Animal production 54, 58, 69, 130, 191, 269, 271
- Animal research 1, 27, 28, 30, 57, 58, 65, 93, 94, 96, 129, 143, 146, 153, 154, 165, 198, 206, 216, 253, 254, 263, 278, 293, 295, 297, 309
- Animal rights 22, 320
- Animal sports 90, 91, 108, 249
- Animal testing alternatives 2, 8, 9, 31, 85, 103, 107, 116, 143, 144, 169, 204, 243, 266, 279, 282, 284, 297, 301, 302
- Animal wastes 158
- Animal welfare 1, 3-8, 13-16, 19, 20, 24, 26, 29-42, 44-59, 62, 63, 65, 67-79, 81-85, 87-89, 92, 93, 96-98, 100-110, 112, 113, 116, 119, 124, 125, 127-133, 135, 138, 139, 141-144, 147-150, 152-157, 159-163, 166, 169, 170, 171, 173, 174, 176, 177, 179-184, 186, 188, 190-196, 199, 201-203, 205-210, 212-216, 218-220, 223, 225, 227-229, 231, 232, 234, 236-241, 243-255, 261-264, 266-274, 277, 278, 280, 282-284, 286, 287, 289, 291-295, 297-299, 302-305, 308-312, 314-319, 321, 322
- Animals 29, 43, 51, 56, 66, 121, 174, 190, 218, 222, 281, 300
- Animals, Laboratory 16
- Animals, Treatment of 31, 35, 59, 77, 79, 125, 134, 136, 137, 197, 203, 219, 239, 246, 251, 277, 285, 290, 306
- Antibiotics 269

- Antibody formation 269
- Antigens 233
- Antiserum 233
- Anxiety 14
- Aquatic environment 55
- Arthropod pests 200
- Assessment 68, 70, 272
- Attitudes 90, 102, 195, 264
- Australia 21, 271
- Basic needs 52
- Battery cages 260
- Beekeepers 164
- Beekeeping 164
- Behavior patterns 225
- Behavior problems 111
- Benzodiazepine 275
- Bibliographies 75, 143, 144
- Bibliography 61, 203, 203, 239
- Biliary calculi 99
- Bioethics 1, 4, 6-8, 15, 18-21, 24, 25, 27, 29, 37, 45, 51, 52, 56, 58, 59, 63-65, 67, 71, 72, 75, 78, 94, 99, 102, 116, 124, 128, 144, 146, 147, 149, 150, 152-156, 159, 160, 163, 165, 182-184, 209, 211, 213, 214, 218, 222, 237, 239, 252-254, 259, 264, 268, 274, 276, 280, 281, 286, 287, 299, 300, 311
- Biographical films 193
- Biography 59
- Biological control agents 200
- Biotechnology 75, 183, 184, 201, 276, 277
- Bonds 55
- Breeding 245
- Breeding programs 25
- Broiler production 220
- Burning 158
- Burns 80
- Cage rearing 76
- California 79, 110, 295, 296
- Canada 46, 64, 90, 124, 146, 192, 253
- Cannibalism 224
- Cell culture 279
- Chemicals 2, 288
- Chimpanzee 105
- College curriculum 49
- Committees 6, 7, 18, 20, 97, 113, 135, 157, 253, 295, 296
- Computer simulation 117
- Congresses 166, 246, 290, 302
- CoOngresses 166
- Corruption 162
- Cosmetics 237, 288, 308
- Cultural change 226
- Cultural environment 226
- Cultural influences 66
- Cultural values 66, 121, 198
- Curriculum 287
- Customer relations 189
- Data communication 168
- Death 189, 207, 317, 318

- Depression 45
- Design 260
- Design criteria 171
- Diagnosis 62
- Directives 7, 53
- Directories 203
- Disease control 123
- Disease prevention 25
- Diseases 12
- Displays 108
- Dna 64
- Dogs as laboratory animals 134
- Dolphins 55, 199
- Domestic animals 3, 67, 108, 149, 196
- Drugs 275
- Ecological balance 304
- Ecology 90, 92, 116, 138, 154, 280, 321
- Economic impact 111
- Economics 138
- Education 94, 140, 297, 300
- Egg production 194, 260
- Emotions 286
- Endangered species 33, 34, 242
- England 158
- Entomology 217
- Environment 44, 108, 172, 178, 183, 184, 217, 225, 274
- Environmental assessment 177
- Environmental degradation 83
- Environmental factors 170, 272
- Environmental policy 133
- Environmental pollution 177
- Environmental protection 116, 235, 262
- Epilepsy 275
- Ethics 2, 3, 5, 9, 17, 26, 28, 30, 34, 36, 39, 48, 49, 50, 53, 54, 55, 57, 62, 64, 69, 70, 72, 76, 81, 87, 88, 97, 103, 106, 108, 110-113, 115, 117, 118, 123, 129, 132, 135, 137-140, 142, 143, 145, 148, 151, 157, 161, 162, 164, 168-172, 176, 177, 179-181, 185, 186, 189-191, 194, 195, 198-202, 204, 206, 208, 210, 212, 216, 217, 220, 223, 225, 227, 228, 230, 231, 236, 238, 241, 244, 245, 250, 258, 261, 263, 265-267, 269, 270, 273, 275, 278, 282, 284, 292, 293, 295-298, 301, 303, 305, 307, 310, 312, 313, 319, 321, 322 Europe 5, 53, 90, 232, 260
- European communities 53
- Euthanasia 189
- Evolution 122, 174
- Experimental design 151
- Factory farming 76
- Farm families 235
- Farmers 242
- Farming 67
- Feed evaluation 269
- Feminist criticism 251
- Field experimentation 180
- Finance 297
- Finland 234
- Floors 272
- Food beliefs 194, 235, 305
- Food biotechnology 185

- Food contamination 36
- Food industry 185
- Food preferences 235
- Food production 84, 185
- Food quality 185
- Food rationing 23
- Food research 185
- Food safety 185
- Fur 126
- Fur bearing animals 126
- Genetic engineering 64, 118, 184, 185, 201, 276, 277, 289, 310
- German federal republic 1, 69, 269
- Grass tetany 269
- Great Britain 104, 114
- Group behavior 128
- Growth promoters 220
- Growth rate 220
- Guidelines 28, 147, 209, 245, 280
- Habitat destruction 133
- Habitats 33
- Handbooks, manuals, etc 237, 237
- Handling 216
- Health care 226
- Health hazards 226
- Health protection 123
- Hens 170, 194, 260
- History 102, 161, 181, 226, 235, 267, 287
- Horses 106, 250
- Household supplies 308
- Housing 77
- Human diseases 37, 123
- Human ecology 221, 251, 262
- Human experimentation 168
- Human-animal relationships 61, 320, 323
- Hunting 90, 91, 102, 212, 249, 323
- Identification 245
- Ideology 235
- Illinois 19
- Imidazoles 275
- Immunization 233
- In vitro 2, 204
- Industrial wastes 158
- Injuries 25, 266
- Insects 217
- Inspection 113, 257
- Institutions 255
- Instruction 98
- Intensive husbandry 83, 92, 225
- Intensive livestock farming 46, 51, 178, 280
- Interest groups 42, 90, 123, 243
- Invertebrates 159
- Kosher slaughter 202
- Laboratories 282, 303
- Laboratory animals 2, 13, 15, 62, 70, 71, 77, 79, 85, 95, 97, 100, 101, 103, 136, 140, 145, 166, 169, 172, 188, 197,

204, 210, 230, 245, 246, 255, 258, 259, 288, 290, 294, 296, 299, 302, 307

- Laboratory rearing 169, 312
- Law 1, 124, 131, 157, 232, 254, 278, 315
- Law and legislation 100, 101
- Layout and planning 139, 171
- Leather industry 283
- Legal rights 41
- Legislation 24, 51, 65, 67, 107, 146, 181, 192, 206, 234, 255, 256, 257, 284, 287, 292, 298
- Licensing 256, 257
- Life 244
- Literature reviews 226, 252
- Livestock 6, 50, 52, 83, 92, 111, 115, 156, 289
- Livestock factories 229
- Livestock farming 192, 280
- Livestock housing 311
- Livestock sector 46
- Loose housing 260
- Man 56, 190, 268, 304
- Maryland 278
- Mass media 243
- Measurement 195
- Meat 130
- Meat and livestock industry 191
- Meat production 280
- Medical education 301
- Medical ethics 12, 119
- Medical research 30, 34, 37, 80, 85, 94, 95, 105, 107, 128, 140, 223, 245, 258, 259
- Medical sciences 188
- Medicine 10, 11, 12, 134
- Mental disorders 9
- Methodology 12
- Mice 99
- Military areas 210
- Models 225, 295
- Monkeys 275
- Moral and ethical aspect 308
- Moral and ethical aspects 10, 11, 31, 35, 38, 43, 86, 104, 114, 136, 203, 219, 221, 229, 262, 294, 306, 308
- Moral and religious aspects 166, 323
- Moral values 33, 40, 41, 48, 51, 56, 66, 81, 87, 103, 105, 115, 116, 121, 126, 131, 133, 144, 145, 152, 173, 213-218, 231, 233, 236, 263, 268, 283, 286
- Mortality 123, 151
- Natural enemies 200
- Natural resources 174
- Nature 221
- Nature conservation 177
- Nature lists 59
- Netherlands 284
- Neurophysiology 70
- North Carolina 247
- Norway 242
- Nutrition 245
- Obesity 226
- Objectives 128
- Organizations 176, 234

- Pain 14, 28, 29, 45, 54, 62, 68, 70, 88, 99, 129, 142, 147, 215, 230, 253, 282, 309
- Pathology, Experimental 12
- Periodicals 4, 197
- Pest control 141
- Pet animals 115, 176
- Pet care 189
- Pet owners 114
- Pets 114, 189
- Pharmacology 279
- Philosophy 17, 27, 42, 46, 81, 87, 133, 139, 171, 173, 174, 240, 241, 252, 267, 269, 304, 305, 322
- Philosophy of nature 221, 251
- Physical strain 44
- Physicians 243
- Physiology 273
- Pig farming 76, 171, 178
- Pig housing 171, 178, 272
- Pigs 201, 216, 310
- Policy 53, 284, 301
- Politics 39, 42, 271, 292
- Population control 176, 322
- Postmortem examinations 132
- Poultry 83
- Poultry farming 76
- Poultry housing 170, 260
- Poultry industry 220
- Poultry plants 104
- Predation 242
- Predators 304
- Preservation 23
- Pressure groups 36
- Primates 259
- Problem analysis 139, 200, 269
- Productivity 83, 185
- Professional ethics 168, 306
- Profitability 92
- Projects 55
- Protection 33, 142, 192, 215, 223, 232, 256, 270
- Psychiatry 9
- Psychology 250, 293, 312
- Public opinion 32, 109
- Publications 263
- Pups 151
- Quality of life 179
- Rabbits 233
- Rats 275
- Recreation 91
- Regulations 1, 65, 93, 107, 146, 243, 253, 254, 255, 256, 257, 284, 297, 313
- Relationships 190, 274
- Release 200
- Religion 23, 177, 198, 202, 223, 227, 235, 244, 258, 264, 283, 291
- Religious aspects 43, 43, 221
- Reports 297
- Reproduction 64
- Research 10-12, 78, 188, 243

- Research methodology 70, 147
- Research policy 168, 188, 297
- Research projects 140, 260, 271
- Research workers 20
- Resource exploitation 121
- Responsibility 208
- Rhesus monkeys 278
- Risk 185
- Rodents 151
- Salmon culture 179
- Schweitzer, Albert 59
- Science 136
- Scientists 65, 147, 162, 213
- Secondary education 110, 132
- Senegal 66
- Sex differences 115
- Sheep 242
- Sheep housing 272
- Shelter 108
- Shikoku 199
- Shock 165
- Simulation models 117
- Singer, Peter 193
- Skin tests ♦ 288
- Slaughter 23, 228, 231
- Slavery 137
- Social aspects 114, 277
- Social behavior 70
- Social classes 66
- Social customs 121
- Social emotional development 289
- Social impact 185
- Social values 51, 115, 121
- Social welfare 48
- Societies 270
- Societies, etc 203
- Species 23, 69, 127, 139
- Standards 216, 312
- Stimuli 224
- Stress 3, 44, 45, 54, 92, 106, 129, 151, 153, 224, 272, 273, 311
- Students 195
- Study and teaching 134
- Surveys 32
- Sweden 25, 254, 313
- Switzerland 69, 171, 209, 256
- Symbiosis 138
- Symbols 66
- Teaching 95, 117, 287, 295
- Teaching materials 300
- Teaching methods 98, 103
- Technical progress 83
- Technicians 140
- Terrorism 74
- Testing 237, 275, 288, 308, 308

- Tests 115
- Toilet preparations industry 237
- Toxicity 2
- Toxicology 2, 265, 288, 308
- Toxins 265
- Training (animal) 106
- Transgenics 118, 201, 222
- Transport of animals 163, 250
- Trauma 165
- Treatment 62
- Trends 258
- U.S.A. 5, 8, 10, 11, 13, 19, 49, 58, 90, 100, 101, 103, 109, 135, 146, 148, 176, 181, 184, 195, 200, 237, 255, 270, 297, 298
- United Kingdom 39, 113, 146, 157, 257, 292, 307
- Universities 295, 296
- Usage 94
- USDA 7, 247
- Use value 23, 37, 85, 91, 95, 244, 258
- Valuations 244
- Values 56, 129
- Vegans 305
- Vegetarian cookery 120
- Vegetarian diets 305
- Vegetarianism 26, 194, 203, 223, 231, 235
- Vegetarians 84
- Veterinarians 16, 41, 50, 115, 189, 205, 306
- Veterinary education 49, 103, 176
- Veterinary medicine 16, 50, 139, 176, 195, 269, 306
- Veterinary practice 54, 111, 112
- Viral diseases 105
- Vivisection 8, 10, 11, 21, 86, 187
- Waste treatment 158
- Wild animals 3, 108, 126, 154
- Wildlife 78, 121, 141
- Wildlife conservation 90, 242, 320, 321, 322
- Wildlife management 91, 249, 321, 322
- Wildlife parks 91, 249
- Wolves 242
- Zoo animals 5
- Zoological gardens 3, 5
- Zoology 11



Animal Welfare
Information Center

**United States Department
of Agriculture**

National Agricultural Library

USDA Cooperative Agreement No. 58-0520-5-076 - July, 1995