

SOCM016

Cultures of the Life Sciences

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1.
Sociology - LibGuides at University of Exeter [Internet]. Available from:
<http://libguides.exeter.ac.uk/SociologyHomePage>

 2.
Gibbon S, Prainsack B, Hilgartner S, Lamoreaux J. Routledge Handbook of Genomics, Health and Society [Internet]. London: Routledge; 2018. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006732859707446&context=L&vid=44UOEX_INST:default

 3.
Atkinson P, Glasner P, Lock M. Handbook of Genetics and Society: Mapping the New Genomic Era [Internet]. London: Routledge; 2009. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006732889707446&context=L&vid=44UOEX_INST:default

 4.
Barnes B,
Dupre
,
J. Genomes and What to Make of Them [Internet]. Chicago: University of Chicago Press; 2008. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006732929707446&context=L&vid=44UOEX_INST:default

 - 5.

Franklin S. Dolly Mixtures: The Remaking of Genealogy [Internet]. Durham: Duke University Press; 2007. Available from: <http://lib.myilibrary.com/browse/open.asp?id=302312&entityid=https://elibrary.exeter.ac.uk/idp/shibboleth>

6.

Haraway D. Modest_Witness@Second_Millennium.FemaleMan_Meets_OncoMouse: Feminism and Technoscience [Internet]. London: Routledge; 1997. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006774389707446&context=L&vid=44UOEX_INST:default

7.

Hinchliffe S, Woodward K. The Natural and the Social: Uncertainty, Risk, and Change [Internet]. Second edition. London: Routledge; 2015. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9781136891526>

8.

Latour B. The Pasteurization of France. Cambridge, Mass: Harvard University Press; 1988.

9.

Meloni M, Cromby J, Fitzgerald D, Lloyd SL. The Palgrave Handbook of Biology and Society [Internet]. London: Palgrave Macmillan; 2018. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9781137528797>

10.

Parry S, Dupre J, editors. Nature After the Genome. Malden, MA: Wiley-Blackwell/The Sociological Review; 2010.

11.

Rabinow P. French DNA: Trouble in Purgatory [Internet]. Chicago: University of Chicago Press; 2017. Available from:

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006733039707446&context=L&vid=44UOEX_INST:default

12.

Sunder Rajan K. *Biocapital: The Constitution of Postgenomic Life* [Internet]. Durham, NC: Duke University Press; 2006. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780822388005>

13.

Sunder Rajan K. *Pharmocracy: Value, Politics, and Knowledge in Global Biomedicine* [Internet]. Durham, NC: Duke University Press; 2017. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991004748079707446&context=L&vid=44UOEX_INST:default

14.

Rose N. *The Politics of Life Itself: Biomedicine, Power, and Subjectivity in the Twenty-First Century* [Internet]. Princeton: Princeton University Press; 2006. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015010859707446&context=L&vid=44UOEX_INST:default

15.

Richardson SS, Stevens H. *Postgenomics: Perspectives on Biology after the Genome* [Internet]. Durham, NC: Duke University Press; 2015. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991004748129707446&context=L&vid=44UOEX_INST:default

16.

Bedau M, Cleland CE. *The Nature of Life: Classical and Contemporary Perspectives from Philosophy and Science* [Internet]. Cambridge University Press; 2010. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000759149707446&context=L&vid=44UOEX_INST:default

17.

Dupre

J. Processes of Life: Essays in the Philosophy of Biology [Internet]. Oxford: Oxford University Press; 2012. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991001532729707446&context=L&vid=44UOEX_INST:default

18.

Grene M, Depew D. The Philosophy of Biology: An Episodic History [Internet]. Cambridge: Cambridge University Press; 2004. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003202279707446&context=L&vid=44UOEX_INST:default

19.

Hull DL. Philosophy of Biological Science. Englewood Cliffs: Prentice-Hall; 1974.

20.

Hull DL, Ruse M. The Cambridge Companion to the Philosophy of Biology [Internet]. Cambridge: Cambridge University Press; 2007. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015275109707446&context=L&vid=44UOEX_INST:default

21.

Matthen M, Stephens C. Philosophy of Biology [Internet]. Amsterdam: Elsevier; 2007. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006733139707446&context=L&vid=44UOEX_INST:default

22.

Mayr E. Toward a New Philosophy of Biology: Observations of an Evolutionist. Cambridge, Mass: Belknap Press of Harvard University Press; 1988.

23.

O'Malley M. Philosophy of Microbiology [Internet]. Cambridge University Press; 2014.

Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/philosophy-of-microbiology/66F30F77991E16732EA7ED6E51314BBE>

24.

Ruse M. The Oxford Handbook of Philosophy of Biology [Internet]. Oxford: Oxford University Press; 2008. Available from:

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000518369707446&context=L&vid=44UOEX_INST:default

25.

Sarkar S, Plutynski A. A Companion to the Philosophy of Biology [Internet]. Malden, MA: Blackwell Pub; 2008. Available from:

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000545569707446&context=L&vid=44UOEX_INST:default

26.

Sober E. Philosophy of Biology [Internet]. 2nd ed. Boulder, CO: Westview Press; 2018. Available from:

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006733169707446&context=L&vid=44UOEX_INST:default

27.

Schaffner KF. Discovery and Explanation in Biology and Medicine. Chicago: University of Chicago Press; 1993.

28.

Sterelny K, Griffiths PE. Sex and Death: An Introduction to Philosophy of Biology. Chicago, Ill: University of Chicago Press; 1999.

29.

Wimsatt WC. Re-Engineering Philosophy for Limited Beings. Cambridge, Mass: Harvard University Press; 2007.

30.

Allen GE. Life Science in the Twentieth Century. Cambridge: Cambridge University Press; 1979.

31.

Bowler PJ. Evolution: The History of an Idea [Internet]. 3rd ed., Completely rev. and expanded. Berkeley, Calif: University of California Press; 2003. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015772629707446&context=L&vid=44UOEX_INST:default

32.

Coleman W. Biology in the Nineteenth Century: Problems of Form, Function and Transformation. Cambridge [etc.]: Cambridge University Press; 1977.

33.

Dietrich M, Borrello M, Harman O. Handbook of the Historiography of Biology [Internet]. Cham: Springer; 2019. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991007660869707446&context=L&vid=44UOEX_INST:default

34.

Fleck L, Trenn TJ, Merton RK. Genesis and Development of a Scientific Fact. Chicago: University of Chicago Press; 1981.

35.

Judson HF. The Eighth Day of Creation: Makers of the Revolution in Biology. Expanded ed. Plainview, N.Y.: CSHL Press; 1996.

36.

Laubichler MD, Maienschein J. From Embryology to Evo-Devo: A History of Developmental Evolution [Internet]. Cambridge, Mass: MIT Press; 2007. Available from:

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000543609707446&context=L&vid=44UOEX_INST:default

37.

Mu

Iler-Wille S, Rheinberger HJ. A Cultural History of Heredity [Internet]. Chicago, Il: University of Chicago Press; 2012. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991001382559707446&context=L&vid=44UOEX_INST:default

38.

Morange M. A History of Molecular Biology. Cambridge, Mass: Harvard University Press; 1998.

39.

Mayr E. The Growth of Biological Thought: Diversity, Evolution and Inheritance. Cambridge, Mass: Belknap Press of Harvard University Press; 1982.

40.

Rheinberger HJ. An Epistemology of the Concrete: Twentieth-Century Histories of Life [Internet]. Durham, NC: Duke University Press; 2010. Available from:
<http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780822391333>

41.

Sapp J. Genesis: The Evolution of Biology [Internet]. Oxford: Oxford University Press; 2003. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780195156195.001.0001/acprof-9780195156195>

42.

Biological Theory. MIT Press; Available from:
<https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma99101557321970>

7446&context=L&vid=44UOEX_INST:default

43.

Biology and Philosophy. Dordrecht: Kluwer Academic Publishers; Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991013241519707446&context=L&vid=44UOEX_INST:default

44.

BioSocieties. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991002493739707446&context=L&vid=44UOEX_INST:default

45.

History and Philosophy of the Life Sciences. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991002916619707446&context=L&vid=44UOEX_INST:default

46.

New Genetics and Society. Basingstoke: Carfax; Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.tandfonline.com/openurl?genre=journal&stitle=cngs20>

47.

Journal of the History of Biology. Springer; Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015050169707446&context=L&vid=44UOEX_INST:default

48.

Studies in History and Philosophy of Sciences Part C. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015612629707446&context=L&vid=44UOEX_INST:default

49.

Theoretical Medicine and Bioethics. Available from:
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015632229707446&context=L&vid=44UOEX_INST:default

50.

Haldane JBS. Daedalus: Or Science and the Future (A paper read to the Heretics, Cambridge, on February 4th, 1923) [Internet]. 6th impression. London: Kegan Paul, Trench, Trubner & co, Ltd; 1925. Available from:
<https://www.marxists.org/archive/haldane/works/1920s/daedalus.htm>

51.

Polanyi M. 'Life's Irreducible Structure'. Science [Internet]. American Association for the Advancement of Science American Association for the Advancement of Science; 1968;160(3834):1308-1312. Available from:
<https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.1724152&site=eds-live&scope=site>

52.

Jacob F. Evolution and tinkering. Science [Internet]. American Association for the Advancement of Science American Association for the Advancement of Science; 1977;196(4295):1161-1166. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/1744610>

53.

Beatty J. Why do Biologists Argue Like They do? Philosophy of Science [Internet]. The University of Chicago Press; 1997;64:S432-S443. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/188423>

54.

Brandon RN. 'Does Biology Have Laws? The Experimental Evidence'. Philosophy of Science [Internet]. The University of Chicago Press; 1997;64:S444-S457. Available from:
<https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.188424&site=eds-live&scope=site>

55.

Sober E. 'Two Outbreaks of Lawlessness in Recent Philosophy of Biology'. *Philosophy of Science* [Internet]. The University of Chicago Press; 1997;64:S458–S467. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.188425&site=eds-live&scope=site>

56.

Mitchell SD. 'Pragmatic Laws'. *Philosophy of Science* [Internet]. The University of Chicago Press; 1997;64:S468–S479. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.188426&site=eds-live&scope=site>

57.

Garson J. Chapter 28 - 'Function and Teleology'. *A Companion to the Philosophy of Biology* [Internet]. Malden, MA: Blackwell Pub; 2008. p. 525–549. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000545569707446&context=L&vid=44UOEX_INST:default

58.

Rosenberg A. Chapter 7 - 'Reductionism (and Antireductionism) in Biology'. *The Cambridge Companion to the Philosophy of Biology* [Internet]. 2007. p. 120–138. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015275109707446&context=L&vid=44UOEX_INST:default

59.

Beatty J. 'What's Wrong with the Received View of Evolutionary Theory?' *PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association* [Internet]. The University of Chicago Press; 1980;1980:397–426. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.192601&site=eds-live&scope=site>

60.

Beatty J. 'Why do Biologists Argue Like They do?' *Philosophy of Science* [Internet]. The University of Chicago Press; 1997;64:S432–S443. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.188423&site=eds-live&scope=site>

61.

Brigandt I, Love A. 'Reductionism in Biology'. The Stanford Encyclopedia of Philosophy [Internet]. Stanford, CA: Stanford University; 2017; Available from: <https://plato.stanford.edu/entries/reduction-biology/>

62.

Cassirer E. The Problem of Knowledge: Philosophy, Science and History Since Hegel. New Haven: Yale University Press; 1950.

63.

Craver CF. 'Beyond Reduction: Mechanisms, Multi-Field Integration and the Unity of Neuroscience'. Studies in History and Philosophy of Science Part C [Internet]. 2005;36(2):373–395. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848605000245>

64.

Ghiselin MT. 'Individuality, History and Laws of Nature in Biology'. What the Philosophy of Biology Is: Essays Dedicated to David Hull [Internet]. Springer Netherlands; 1989. p. 53–66. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006733279707446&context=L&vid=44UOEX_INST:default

65.

Gotthelf A, Lennox JG. Philosophical Issues in Aristotle's Biology [Internet]. Cambridge University Press; 1987. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003680109707446&context=L&vid=44UOEX_INST:default

66.

Helmreich S. 'What was Life? Answers from Three Limit Biologies'. Critical Inquiry [Internet]. The University of Chicago Press; 2011;37(4):671–696. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.10.1086.660987&site=eds-live&scope=site>

67.

Kant I. Part 2 - 'Critique of the Teleological Judgement'. In: Bernard JH, editor. Critique of Judgement [Internet]. Mineola, NY: Dover Publications; 2005. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000853589707446&context=L&vid=44UOEX_INST:default

68.

Machamer P, Darden L, Craver CF. 'Thinking About Mechanisms'. Philosophy of Science [Internet]. The University of Chicago Press; 2000;67(1):1-25. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjrs&AN=edsjrs.188611&site=eds-live&scope=site>

69.

Mayr E. This is Biology: The Science of the Living World. Cambridge, Mass: Belknap Press of Harvard University Press; 1997.

70.

McLaughlin P. What Functions Explain: Functional Explanation and Self-Reproducing Systems [Internet]. Cambridge: Cambridge University Press; 2001. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003402069707446&context=L&vid=44UOEX_INST:default

71.

Nicholson DJ. The Concept of Mechanism in Biology. Studies in History and Philosophy of Biological and Biomedical Sciences [Internet]. 2012;43(1):152-163. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848611000501>

72.

Nicholson DJ, Gawne R. 'Rethinking Woodger's Legacy in the Philosophy of Biology'. Journal of the History of Biology [Internet]. 2014;47(2):243-292. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true>

ue&db=edsjsr&AN=edsjsr.43863377&site=eds-live&scope=site

73.

Normandin S, Wolfe CT. Vitalism and the Scientific Image in Post-Enlightenment Life Science, 1800-2010 [Internet]. Dordrecht: Springer; 2013. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003823049707446&context=L&vid=44UOEX_INST:default

74.

Rosenberg A. The Structure of Biological Science [Internet]. Cambridge: Cambridge University Press; 1985. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003523509707446&context=L&vid=44UOEX_INST:default

75.

Schaffner KF. 'Reduction: The Cheshire Cat Problem and a Return to Roots'. Synthese [Internet]. Springer; 2006;151(3):377-402. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.20118816&site=eds-live&scope=site>

76.

Skipper RA, Millstein RL. Thinking About Evolutionary Mechanisms: Natural Selection. Studies in History and Philosophy of Biological and Biomedical Sciences [Internet]. 2005;36(2):327-347. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848605000221>

77.

Stotz K. Biohumanities: Rethinking the Relationship Between Biosciences, Philosophy and History of Science and Society. The Quarterly Review of Biology [Internet]. The University of Chicago Press; 2008;83(1):37-45. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.10.1086.529561&site=eds-live&scope=site>

78.

Wilson EO. *Consilience: The Unity of Knowledge*. London: Abacus; 1999.

79.

Woese CR. 'A New Biology for a New Century'. *Microbiology and Molecular Biology Reviews* [Internet]. 2004;68(2):173–186. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsbl&AN=RN151397139&site=eds-live&scope=site>

80.

Richards RA. Chapter 7: Species and taxonomy. *The Oxford Handbook of Philosophy of Biology* [Internet]. New York: Oxford University Press; 2008. p. 161–188. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780195182057.001.0001/oxfordhb-9780195182057-e-008>

81.

Mayr E. 'The Ontological Status of Species: Scientific Progress and Philosophical Terminology'. *Biology and Philosophy* [Internet]. 1987;2(2):145–166. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=phl&AN=PHL1149260&site=eds-live&scope=site>

82.

Dupré J. 'In Defence of Classification'. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2001;32(2):203–219. Available from: https://encore.exeter.ac.uk/iii/encore/record/C__Rx1029723

83.

Ereshefsky M. Chapter 6 - 'Systematics and Taxonomy'. *A Companion to the Philosophy of Biology* [Internet]. Malden, MA: Blackwell Pub; 2008. p. 99–118. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000545569707446&context=L&vid=44UOEX_INST:default

84.

Sloan PR. 'Buffon, German Biology and the Historical Interpretation of Biological Species'. *The British Journal for the History of Science* [Internet]. Cambridge University Press; 1979;12(2):109-153. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.4025750&site=eds-live&scope=site>

85.

de Queiroz K. 'Species Concepts and Species Delimitation'. *Systematic Biology* [Internet]. Oxford University Press; 2007;56(6):879-886. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.20143099&site=eds-live&scope=site>

86.

Richards RA. *The Species Problem: A Philosophical Analysis* [Internet]. Cambridge: Cambridge University Press; 2010. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003375489707446&context=L&vid=44UOEX_INST:default

87.

Berlin B. *Ethnobiological Classification: Principles of Categorization of Plants and Animals in Traditional Societies* [Internet]. Princeton University Press; 1992. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006191509707446&context=L&vid=44UOEX_INST:default

88.

Cartwright N. Introduction. *The Dappled World: A Study of the Boundaries of Science* [Internet]. Cambridge: Cambridge University Press; 1999. p. 1-20. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003554729707446&context=L&vid=44UOEX_INST:default

89.

Cotton CM. *Ethnobotany: Principles and Applications*. Chichester: Wiley; 1996.

90.

Douglas M, Hull DL. How Classification Works: Nelson Goodman Among the Social Sciences. Edinburgh: Edinburgh U.P.; 1992.

91.

Dupre

J. The Disorder of Things: Metaphysical Foundations of the Disunity of Science. Cambridge, Mass: Harvard University Press; 1993.

92.

Dupre

J. Humans and Other Animals. Oxford: Clarendon; 2002.

93.

Durkheim É, Mauss M. Primitive Classification [Internet]. London: Routledge; 2010.

Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.taylorfrancis.com/books/9780203092828>

94.

Ghiselin MT. 'Species Concepts, Individuality and Objectivity'. Biology and Philosophy [Internet]. 1987;2(2):127-143. Available from:

<https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=phl&AN=PHL1149259&site=eds-live&scope=site>

95.

Hull DL. Science as a Process: An Evolutionary Account of the Social and Conceptual Development of Science [Internet]. Chicago: University of Chicago Press; 1988. Available from:

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006733439707446&context=L&vid=44UOEX_INST:default

96.

Kellert SH, Longino HE, Waters KC. Scientific Pluralism [Internet]. Minneapolis, MN: University of Minnesota Press; 2006. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991005786569707446&context=L&vid=44UOEX_INST:default

97.

Leonelli S. 'Classificatory Theory in Biology'. *Biological Theory* [Internet]. 2013;7(4):338–345. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1007/s13752-012-0049-z>

98.

Longino HE. Chapter 12 - 'Towards an Epistemology for Biological Pluralism'. *Biology and Epistemology* [Internet]. Cambridge: Cambridge University Press; 2000. p. 261–286. Available from: <https://contentstore.cla.co.uk/secure/link?id=1e1eca7d-9796-e611-80c7-005056af4099>

99.

Mallet J. 'Mayr's View of Darwin: Was Darwin Wrong About Speciation?' *Biological Journal of the Linnean Society* [Internet]. 2008;95(1):3–16. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsbl&AN=RN237497168&site=eds-live&scope=site>

100.

Mayr E. Chapter 5 - 'The Systematic Categories and the New Species Concept'. *Systematics and the Origin of Species: From the Viewpoint of a Zoologist* [Internet]. New York: Columbia University Press; 1942. p. 102–122. Available from: <https://archive.org/details/in.ernet.dli.2015.20284>

101.

Mayr E. Chapter 33 - 'Species Concepts and Definitions'. *Evolution and the Diversity of Life: Selected Essays* [Internet]. Cambridge, Mass: Belknap Press of Harvard University Press; 1976. p. 493–508. Available from: <https://contentstore.cla.co.uk/secure/link?id=bd202085-0496-e611-80c7-005056af4099>

102.

Mcouat G. 'Cataloguing Power: Delineating "Competent Naturalists" and the Meaning of Species in the British Museum'. *The British Journal for the History of Science* [Internet]. Cambridge University Press; 2001;34(1):1-28. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.4028036&site=eds-live&scope=site>

103.

O'Malley MA, Martin W, Dupré J. 'The Tree of Life: Introduction to an Evolutionary Debate'. *Biology & Philosophy* [Internet]. 2010;25(4):441-453. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=phl&AN=PHL2194082&site=eds-live&scope=site>

104.

Panchen AL. *Classification, Evolution and the Nature of Biology* [Internet]. Cambridge University Press; 1992. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003719369707446&context=L&vid=44UOEX_INST:default

105.

Plutynski A. Chapter 10 - 'Specification and Macroevolution'. *A Companion to the Philosophy of Biology* [Internet]. Malden, MA: Blackwell Pub; 2008. p. 169-185. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000545569707446&context=L&vid=44UOEX_INST:default

106.

Rieppel O. 'New Essentialism in Biology'. *Philosophy of Science* [Internet]. 2010;77(5):662-673. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.10.1086.656539&site=eds-live&scope=site>

107.

Sloan PR. 'John Locke, John Ray and the Problem of the Natural System'. *Journal of the History of Biology* [Internet]. Springer; 1972;5(1):1–53. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.4330568&site=eds-live&scope=site>

108.

Ogilvie BW. 'The Many Books of Nature: Renaissance Naturalists and Information Overload'. *Journal of the History of Ideas* [Internet]. University of Pennsylvania Press; 2003;64(1):29–40. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.10.2307.3654294&site=eds-live&scope=site>

109.

Müller-Wille S, Charmantier I. 'Natural History and Information Overload: The Case of Linnaeus'. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2012;43(1):4–15. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S1369848611001130&site=eds-live&scope=site>

110.

McOuat GR. Species, rules and meaning: The politics of language and the ends of definitions in 19th century natural history. *Studies in History and Philosophy of Science Part A* [Internet]. 1996;27(4):473–519. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/0039368195000607>

111.

Farber PL. *Finding Order in Nature: The Naturalist Tradition from Linnaeus to E. O. Wilson* [Internet]. Baltimore, Md: Johns Hopkins University Press; 2000. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006733469707446&context=L&vid=44UOEX_INST:default

112.

Mayr E. *The Growth of Biological Thought: Diversity, Evolution and Inheritance*. Cambridge, Mass: Belknap Press of Harvard University Press; 1982.

113.

Snyder LJ. William Whewell. The Stanford Encyclopedia of Philosophy [Internet]. Stanford, CA: Stanford University; 2017; Available from: <https://plato.stanford.edu/entries/whewell/>

114.

Bowker GC, Star SL. Sorting Things Out: Classification and Its Consequences [Internet]. Cambridge, Mass: MIT Press; 2000. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003893979707446&context=L&vid=44UOEX_INST:default

115.

Atran S. Cognitive Foundations of Natural History: Towards an Anthropology of Science. Cambridge: Cambridge University Press; 1999.

116.

Bacon F, Urbach P, Gibson J. Novum Organum: With Other Parts of the Great Instauration. Chicago, Ill: Open Court; 1994.

117.

Barrera-Osorio A. Experiencing Nature: The Spanish American Empire and the Early Scientific Revolution. University of Texas Press; 2006.

118.

Cook HJ. Matters of Exchange: Commerce, Medicine, and Science in the Dutch Golden Age [Internet]. New Haven, Conn: Yale University Press; 2007. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003205809707446&context=L&vid=44UOEX_INST:default

119.

Daston L. 'Type Specimens and Scientific Memory'. Critical Inquiry [Internet].

2004;31(1):153–182. Available from:

<https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.10.1086.427306&site=eds-live&scope=site>

120.

te Heesen A. 'Boxes in Nature'. *Studies in History and Philosophy of Science Part A* [Internet]. 2000;31(3):381–403. Available from:

<https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsbl&AN=RN083776481&site=eds-live&scope=site>

121.

Endersby J. *Imperial Nature: Joseph Hooker and the Practices of Victorian Science*. Chicago, Ill: University of Chicago Press; 2008.

122.

Jardine N. *Cultures of Natural History*. Cambridge: Cambridge University Press; 1996.

123.

Law J, Lynch M. 'Lists, Field Guides and the Descriptive Organization of Seeing: Birdwatching as an Exemplary Observational Activity'. *Human Studies* [Internet]. Springer; 1988;11(2/3):271–303. Available from:

<https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.20009028&site=eds-live&scope=site>

124.

Müller-Wille S. 'Collection and Collation: Theory and Practice of Linnaean Botany'. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet].

2007;38(3):541–562. Available from:

<https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S1369848607000428&site=eds-live&scope=site>

125.

Ogilvie BW. *The Science of Describing: Natural History in Renaissance Europe* [Internet]. Nachdr. Chicago, IL: University of Chicago Press; 2006. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991006733499707446&context=L&vid=44UOEX_INST:default

126.

Pickstone JV. *Ways of Knowing: A New History of Science, Technology and Medicine*. Manchester: Manchester University Press; 2000.

127.

Rieppel O. 'The Series, the Network and the Tree: Changing Metaphors of Order in Nature'. *Biology & Philosophy* [Internet]. 2010;25(4):475–496. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsbl&AN=RN276953629&site=eds-live&scope=site>

128.

Scharf ST. 'Identification Keys, the "Natural Method" and the Development of Plant Identification Manuals'. *Journal of the History of Biology* [Internet]. Springer; 2009;42(1):73–117. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.40271533&site=eds-live&scope=site>

129.

Strasser BJ. *Collecting and Experimenting: The Moral Economies of Biological Research, 1960s-1980s* [Internet]. *History and Epistemology of Molecular Biology and Beyond: Problems and Perspectives: Workshop*. Berlin: Max-Planck Institute for the History of Science; 2006. p. 105–123. Available from: http://biologie.unige.ch/assets/brunostrasser//Strasser_MPI_2006.pdf

130.

Whewell W. *The Philosophy of the Inductive Sciences*. London: Parker; 1840.

131.

Leonelli S. Introduction. *Data-Centric Biology: A Philosophical Study* [Internet]. Chicago:

The University of Chicago Press; 2016. p. 1–9. Available from:
<http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780226416502>

132.

Leonelli S. Chapter 3: What Counts as Data? Data-Centric Biology: A Philosophical Study [Internet]. Chicago: The University of Chicago Press; 2016. p. 69–92. Available from:
<http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780226416502>

133.

Kell DB, Oliver SG. Here is the Evidence, Now What is the Hypothesis? The Complementary Roles of Inductive and Hypothesis-Driven Science in the Post-Genomic Era. *BioEssays* [Internet]. 2004;26(1):99–105. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://onlinelibrary.wiley.com/doi/full/10.1002/bies.10385>

134.

Waters CK. The Nature and Context of Exploratory Experimentation: An Introduction to Three Case Studies of Exploratory Research. *History and Philosophy of the Life Sciences* [Internet]. Stazione Zoologica Anton Dohrn - Napoli; 2007;29(3):275–284. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/23334262>

135.

Hey AJG, Tansley S, Tolle K. The Fourth Paradigm: Data-Intensive Scientific Discovery [Internet]. Microsoft Research; 2009. Available from:
<https://www.microsoft.com/en-us/research/publication/fourth-paradigm-data-intensive-scientific-discovery>

136.

Leonelli S. What Difference Does Quantity Make? On the Epistemology of Big Data in Biology. *Big Data & Society* [Internet]. 2014;1(1):1–11. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://journals.sagepub.com/doi/full/10.1177/2053951714534395>

137.

Strasser BJ. Collecting Nature: Practices, Styles and Narratives. *Osiris* [Internet]. The University of Chicago Press; 2012;27(1):303–340. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.1086/667832>

138.

Allen JF. Bioinformatics and Discovery: Induction Beckons Again. *BioEssays* [Internet]. 2000;23(1):104–107. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://onlinelibrary.wiley.com/doi/full/10.1002/1521-1878%28200101%2923%3A1%3C104%3A%3AAID-BIES1013%3E3.0.CO%3B2-2>

139.

Botstein D, Cherry JM, Ashburner M, Ball CA, Blake JA, Butler H, Davis AP, Dolinski K, Dwight SS, Eppig JT, Harris MA, Hill DP, Issel-Tarver L, Kasarskis A, Lewis S, Matese JC, Richardson JE, Ringwald M, Rubin GM, Sherlock G. Gene Ontology: Tool for the Unification of Biology. *Nature Genetics* [Internet]. 2000;25(1):25–29. Available from: https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/ng/journal/v25/n1/full/ng0500_25.html

140.

Bell G, Hey T, Szalay A. Beyond the Data Deluge. *Science* [Internet]. American Association for the Advancement of Science; 2009;323(5919):1297–1298. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/25471626>

141.

Blake JA, Bult CJ. Beyond the Data Deluge: Data Integration and Bio-Ontologies. *Journal of Biomedical Informatics* [Internet]. 2006;39(3):314–320. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1532046406000190>

142.

Boyd D, Crawford K. Critical Questions for Big Data: Provocations for a Cultural, Technological and Scholarly Phenomenon. *Information, Communication & Society* [Internet]. 2012;15(5):662–679. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.tandfonline.com/doi/abs/10.1080/1369>

118X.2012.678878

143.

Burian RM. Exploratory Experimentation and the Role of Histochemical Techniques in the Work of Jean Brachet, 1938-1952. *History and Philosophy of the Life Sciences* [Internet]. Stazione Zoologica Anton Dohrn - Napoli; 1997;19(1):27-45. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/23332033>

144.

Benson E. One Infrastructure, Many Global Visions: The Commercialization and Diversification of Argos, a Satellite-Based Environmental Surveillance System. *Social Studies of Science* [Internet]. Sage Publications, Ltd.; 2012;42(6):843-868. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/41721363>

145.

Canali S. Big Data, Epistemology and Causality: Knowledge In and Knowledge Out in EXPOsOMICS. *Big Data & Society* [Internet]. 2016;3(2). Available from: <https://uoelibrary.idm.oclc.org/login?url=http://journals.sagepub.com/doi/10.1177/2053951716669530>

146.

Chicurel M. Bioinformatics: Bringing it All Together Technology Feature. *Nature* [Internet]. 2002;419(6908):751-757. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/419751a>

147.

Delbourgo J, Müller-Wille S. Focus: Listmania, Introduction. *Isis* [Internet]. 2012;103(4):710-715. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.1086/669045>

148.

Davies G. Arguably Big Biology: Sociology, Spatiality and the Knockout Mouse Project.

BioSocieties [Internet]. 2013;8(4):417–431. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1057/biosoc.2013.25>

149.

Elliott KC, Cheruvilil KS, Montgomery GM, Soranno PA. Conceptions of Good Science in Our Data-Rich World. *BioScience* [Internet]. 2016;66(10):880–889. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://academic.oup.com/bioscience/article/66/10/880/2236154>

150.

Floridi L. *The Philosophy of Information* [Internet]. Oxford University Press; 2011. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199232383.001.0001/acprof-9780199232383>

151.

Floridi L, Illari P. *The Philosophy of Information Quality* [Internet]. Cham: Springer; 2014. Available from:
<http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9783319071213>

152.

Fox Keller E. Towards a Science of Informed Matter. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2011;42(2):174–179. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848610001172>

153.

Fujimura JH. The Practices of Producing Meaning in Bioinformatics. *The Practices of Human Genetics* [Internet]. Dordrecht: Kluwer Academic; 1999. p. 49–87. Available from:
<https://contentstore.cla.co.uk/secure/link?id=0eb6e4bb-fd99-e611-80c7-005056af4099>

154.

Fry B. *Visualizing Data: Exploring and Explaining Data with the Processing Environment*

[Internet]. Beijing: O'Reilly Media; 2007. Available from:
<http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780596519308>

155.

Garcia-Sancho M. Biology, Computing, and the History of Molecular Sequencing [Internet]. Basingstoke: Palgrave Macmillan; 2012. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/book/10.1057%2F9780230370937>

156.

Gilbert W. Towards a Paradigm Shift in Biology. Nature [Internet]. London: Macmillan; 1991;349(6305):99–99. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/349099a0.pdf>

157.

Kitchin R. The Data Revolution: Big Data, Open Data, Data Infrastructures & Their Consequences [Internet]. London: SAGE Publications Ltd; 2014. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://methods.sagepub.com/book/the-data-revolution>

158.

Leonelli S. Introduction: Making Sense of Data-Driven Research in the Biological and Biomedical Sciences. Studies in History and Philosophy of Biological and Biomedical Sciences [Internet]. 2012;43(1):1–3. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S136984861100077X>

159.

Mittelstadt BD, Floridi L. The Ethics of Biomedical Big Data [Internet]. 1st ed. 2016 edition. Cham: Springer; 2016. Available from:
<http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9783319335254>

160.

O'Malley MA, Elliott KC, Haufe C, Burian RM. Philosophies of Funding. *Cell* [Internet]. 2009;138(4):611–615. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S0092867409009714>

161.

O'Malley MA, Soyer OS. The Roles of Integration in Molecular Systems Biology. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2012;43(1):58–68. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848611000823>

162.

Rhee SY. Carpe Diem. Retooling the 'Publish or Perish' Model into the 'Share and Survive' Model. *Plant Physiology* [Internet]. American Society of Plant Biologists (ASPB) American Society of Plant Biologists (ASPB); 2004;134(2):543–547. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/4281585>

163.

The Royal Society. Science as an Open Enterprise: Final Report [Internet]. London: The Royal Society; 2012. Available from: <https://royalsociety.org/policy/projects/science-public-enterprise/Report/>

164.

Rubin DL, Lewis SE, Mungall CJ, Misra S, Westerfield M, Ashburner M, Sim I, Chute CG, Solbrig H, Storey MA, Smith B, Day-Richter J, Noy NF, Musen MA. The National Center for Biomedical Ontology: Advancing Biomedicine Through Structured Organization of Scientific Knowledge. *OMICS: A Journal of Integrative Biology* [Internet]. 2006;10(2):185–198. Available from: <https://www.liebertpub.com/doi/abs/10.1089/omi.2006.10.185>

165.

Stevens H. Life Out of Sequence: A Data-Driven History of Bioinformatics [Internet]. Chicago, Ill: The University of Chicago Press; 2013. Available from: <https://ebookcentral.proquest.com/lib/exeter/detail.action?docID=1377287>

166.

Vickers J. The Problem of Induction. The Stanford Encyclopedia of Philosophy [Internet]. Stanford, CA: Stanford University; 2009; Available from: <http://plato.stanford.edu/archives/spr2009/entries/induction-problem>

167.

Dupré J. Chapter 5: Human Nature: A Process Perspective. Why We Disagree About Human Nature [Internet]. Oxford: Oxford University Press; 2018. p. 92–107. Available from: <https://contentstore.cla.co.uk/secure/link?id=2a09c4b2-f980-e811-80cd-005056af4099>

168.

Allen GE. The social and economic origins of genetic determinism: A case history of the American Eugenics Movement, 1900–1940 and its lessons for today. *Genetica* [Internet]. 1997;99(2–3):77–88. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1023/A:1018396529332>

169.

Griffiths P. 'The Distinction Between Innate and Acquired Characteristics'. The Stanford Encyclopedia of Philosophy [Internet]. Stanford, CA: Stanford University; 2009; Available from: <http://plato.stanford.edu/entries/innate-acquired/>

170.

Keller EF. The Mirage of a Space Between Nature and Nurture [Internet]. Durham, NC: Duke University Press; 2010. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991008369919707446&context=L&vid=44UOEX_INST:default

171.

Griffiths PE, Stotz K. Chapter 5 - 'Gene'. The Cambridge Companion to the Philosophy of Biology [Internet]. Cambridge: Cambridge University Press; 2007. p. 85–102. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991015275109707446&context=L&vid=44UOEX_INST:default

172.

Rheinberger HJ,
Mu

Weller-Wille S. The Gene: From Genetics to Postgenomics. Bostanci A, editor. Chicago: The University of Chicago Press; 2017.

173.

Johannsen W. 'The Genotype Conception of Heredity'. The American Naturalist [Internet]. The University of Chicago Press; 1911;45(531):129-159. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.2455747&site=eds-live&scope=site>

174.

Amundson R. The Changing Role of the Embryo in Evolutionary Thought [Internet]. Cambridge University Press; 2005. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003244789707446&context=L&vid=44UOEX_INST:default

175.

Bechtel W. Discovering Cell Mechanisms: The Creation of Modern Cell Biology [Internet]. Cambridge University Press; 2006. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003215209707446&context=L&vid=44UOEX_INST:default

176.

Beurton PJ, Falk R, Rheinberger HJ. The Concept of the Gene in Development and Evolution [Internet]. Cambridge University Press; 2000. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003309559707446&context=L&vid=44UOEX_INST:default

177.

Burian RM. 'Unification and Coherence as Methodological Objectives in the Biological Sciences'. Biology & Philosophy [Internet]. 1993;8(3):301-318. Available from: <https://uoelibrary.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=phl&AN=PHL1238615&site=eds-live&scope=site>

178.

Dawkins R. The Selfish Gene [Internet]. 30th anniversary ed. Oxford: Oxford University Press; 2006. Available from:
<http://lib.myilibrary.com/browse/open.asp?id=87017&entityid=https://elibrary.exeter.ac.uk/idp/shibboleth>

179.

Fagan MB. Philosophy of Stem Cell Biology: Knowledge in Flesh and Blood [Internet]. Basingstoke: Palgrave Macmillan; 2013. Available from:
<http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9781137296023>

180.

Falk R. Genetic Analysis: A History of Genetic Thinking [Internet]. Cambridge University Press; 2009. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/genetic-analysis/A37A6BD3657B8AC2B6B1C12F33D8BC4C>

181.

Gayon J. Darwinism's Struggle for Survival: Heredity and the Hypothesis of Natural Selection. Cambridge: Cambridge University Press; 1998.

182.

Griffiths PE. Genetic Information: A Metaphor in Search of a Theory. Philosophy of Science [Internet]. The University of Chicago Press; 2001;68(3):394-412. Available from:
<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/3080926>

183.

Griffiths PE, Gray RD. Chapter 19: The Developmental Systems Perspective: Organism-Environment Systems as Units of Evolution. Phenotypic Integration: Studying the Ecology and Evolution of Complex Phenotypes [Internet]. Oxford, England: Oxford University Press; 2004. p. 409-431. Available from:
<https://contentstore.cla.co.uk/secure/link?id=c4af4450-d296-e611-80c7-005056af4099>

184.

Griffiths P, Machery E, Linquist S. The Vernacular Concept of Innateness. *Mind & Language* [Internet]. 2009;24(5):605–630. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://onlinelibrary.wiley.com/doi/10.1111/j.1468-0017.2009.01376.x/full>

185.

Griffiths P, Stotz K. *Genetics and Philosophy: An Introduction* [Internet]. Cambridge University Press; 2013. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/genetics-and-philosophy/F3255AB9D97A5736BA3F621194CEC542>

186.

Griffiths PE, Tabery J. Chapter 3: Developmental Systems Theory: What Does it Explain and How Does it Explain it? In: Lerner RM, Benson JB, editors. *Embodiment and Epigenesis: Theoretical and Methodological Issues in Understanding the Role of Biology within the Relational Developmental System, Part A: Philosophical, Theoretical, and Biological Dimensions* [Internet]. Amsterdam: Academic Press; 2013. p. 65–94. Available from: <http://www.vlebooks.com/Vleweb/Product/Index/410382?page=0>

187.

Jacob F. *The Logic of Life: A History of Heredity*. Princeton, NJ: Princeton University Press; 1973.

188.

Jablonka E, Lamb MJ. *Epigenetic Inheritance and Evolution: The Lamarckian Dimension*. Oxford: Oxford University Press; 1995.

189.

Kay LE. *Who Wrote the Book of Life?: A History of the Genetic Code*. Stanford: Stanford University Press; 2000.

190.

Leonelli S. Chapter 10: Understanding in Biology: The Impure Nature of Biological Knowledge. *Scientific Understanding: Philosophical Perspectives* [Internet]. University of Pittsburgh Press; 2009. p. 189–209. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/j.ctt9qh59s.13>

191.

Rose S, Kamin LJ, Lewontin RC. *Not in Our Genes: Biology, Ideology and Human Nature*. Harmondsworth: Penguin; 1984.

192.

Mameli M, Bateson P. Innateness and the Sciences. *Biology & Philosophy* [Internet]. 2006;21(2):155–188. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1007/s10539-005-5144-0>

193.

Mendelsohn JA. Lives of the Cell. *Journal of the History of Biology* [Internet]. Springer; 2003;36(1):1–37. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/4331779>

194.

Moss L. *What Genes Can't Do* [Internet]. Cambridge, Mass: MIT Press; 2003. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=78120&site=ehost-live>

195.

Olby RC. *Origins of Mendelism*. Constable; 1966.

196.

O'Malley MA, Müller-Wille S. The Cell as Nexus: Connections Between the History, Philosophy and Science of Cell Biology. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2010;41(3):169–171. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S>

1369848610000397

197.

Reynolds A. The Theory of the Cell State and the Question of Cell Autonomy in Nineteenth and Early Twentieth-Century Biology. *Science in Context* [Internet]. 2007;20(1):71-95. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/journals/science-in-context/article/theory-of-the-cell-state-and-the-question-of-cell-autonomy-in-nineteenth-and-early-twentiethcentury-biology/786F57CF546A1D3ABB607B8C8F857B50>

198.

Richardson SS. *Sex Itself: The Search for Male and Female in the Human Genome* [Internet]. Chicago: University of Chicago Press; 2013. Available from: <https://ebookcentral.proquest.com/lib/exeter/detail.action?docID=1431257>

199.

Johns Schloegel J, Schmidgen H. General Physiology, Experimental Psychology and Evolutionism. *Isis* [Internet]. The University of Chicago Press; 2002;93(4):614-645. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.1086/375954>

200.

Stotz K, Griffiths PE, Knight R. How Biologists Conceptualize Genes: An Empirical Study. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2004;35(4):647-673. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S136984860400069X>

201.

Stotz K, Griffiths P. Genes: Philosophical Analyses Put to the Test. *History and Philosophy of the Life Sciences* [Internet]. Stazione Zoologica Anton Dohrn - Napoli; 2004;26(1):5-28. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/23333378>

202.

Waters CK. What Was Classical Genetics? *Studies in History and Philosophy of Science* [Internet]. 2004;35(4):783–809. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S003936810400086X>

203.

Frigg R, Hartmann S. Models in science. *The Stanford Encyclopedia of Philosophy* [Internet]. Stanford, CA: Stanford University; 2012; Available from: <http://plato.stanford.edu/entries/models-science/>

204.

Levins R. The Strategy of Model Building in Population Biology. *American Scientist* [Internet]. Sigma Xi, The Scientific Research Society; 1966;54(4):421–431. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/27836590>

205.

Ankeny RA, Leonelli S. What's So Special About Model Organisms? *Studies in History and Philosophy of Science Part A* [Internet]. 2011;42(2):313–323. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S0039368110001184>

206.

Morrison M, Morgan MS. Chapter 2: Models as Mediating Instruments. In: Morgan MS, Morrison M, editors. *Models as Mediators: Perspectives on Natural and Social Sciences* [Internet]. Cambridge: Cambridge University Press; 1999. p. 10–37. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/models-as-mediators/models-as-mediating-instruments/10737C6DD4744A65E4B5B89B3D489B21>

207.

Weber M. Chapter 3: Walking on the Chromosome: *Drosophila* and the Molecularization of Development. From Molecular Genetics to Genomics: The Mapping Cultures of Twentieth-Century Genetics [Internet]. London: Routledge; 2004. p. 63–78. Available from: <https://contentstore.cla.co.uk/secure/link?id=024b253e-9197-e611-80c7-005056af4099>

208.

Ankeny RA, Leonelli S. Organisms in Experimental Research. Handbook of the Historiography of Biology [Internet]. Cham: Springer; 2019. p. 1–25. Available from: https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/referenceworkentry/10.1007/978-3-319-74456-8_15-1

209.

Bailer-Jones DM. Scientific Models in Philosophy of Science [Internet]. University of Pittsburgh Press; 2009. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/j.ctt5vkdnq>

210.

de Chadarevian S. Of Worms and Programmes: Caenorhabditis Elegans and the Study of Development. Studies in History and Philosophy of Biological and Biomedical Sciences [Internet]. 1998;29(1):81–105. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848698000041>

211.

de Chadarevian S. Chapter 12: Models and the Making of Molecular Biology. Models: The Third Dimension of Science [Internet]. Stanford, Calif: Stanford University Press; 2004. p. 339–368. Available from: <https://contentstore.cla.co.uk/secure/link?id=c0781cd8-9597-e611-80c7-005056af4099>

212.

Craver CF, Darden L. In Search of Mechanisms: Discoveries Across the Life Sciences. University of Chicago Press; 2013.

213.

Creager ANH. The Life of a Virus: Tobacco Mosaic Virus as an Experimental Model, 1930-1965. Chicago: University of Chicago Press; 2002.

214.

Davies G. Captivating Behaviour: Mouse Models, Experimental Genetics and Reductionist Returns in the Neurosciences. *The Sociological Review* [Internet]. 2010;58(S1):53-72. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://onlinelibrary.wiley.com/doi/10.1111/j.1467-954X.2010.01911.x/full>

215.

Davies G. What is a Humanized Mouse? Remaking the Species and Spaces of Translational Medicine. *Body & Society* [Internet]. 2012;18(3-4):126-155. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://journals.sagepub.com/doi/full/10.1177/1357034X12446378>

216.

French S, Ladyman J. Reinflating the Semantic Approach. *International Studies in the Philosophy of Science* [Internet]. 1999;13(2):103-121. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.tandfonline.com/doi/abs/10.1080/02698599908573612>

217.

Godfrey-Smith P. The Strategy of Model-Based Science. *Biology & Philosophy* [Internet]. 2010;21(5):725-740. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1007%2Fs10539-006-9054-6>

218.

Griesemer JR. Material Models in Biology. *PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association* [Internet]. The University of Chicago Press; 1990;1990:79-93. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/193060>

219.

Knuuttila T. Models, Representation and Mediation. *Philosophy of Science* [Internet]. The University of Chicago Press; 2005;72(5):1260-1271. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.1086/508124>

220.

Meunier R. Stages in the Development of a Model Organism as a Platform for Mechanistic Models in Developmental Biology: Zebrafish, 1970–2000. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2012;43(2):522–531. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848611001403>

221.

Morgan MS. Chapter 1: Modelling as a Method of Enquiry. *The World in the Model: How Economists Work and Think* [Internet]. Cambridge University Press; 2012. p. 1–43. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/world-in-the-model/modelling-as-a-method-of-enquiry/5592F5DADCD2785B106FC69CA01D498D>

222.

Morgan MS, Morrison M. *Models as Mediators: Perspectives on Natural and Social Sciences* [Internet]. Cambridge University Press; 1999. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/models-as-mediators/FBB3EA4AECFAF824AD6F1E6C650CAE3AE>

223.

Nelson NC. *Model Behavior: Animal Experiments, Complexity and the Genetics of Psychiatric Disorders* [Internet]. Chicago, IL: University of Chicago Press; 2018. Available from: <https://ebookcentral.proquest.com/lib/exeter/detail.action?docID=5101436>

224.

Suárez M. Theories, Models and Representations. *Model-Based Reasoning in Scientific Discovery* [Internet]. New York, NY: Kluwer Academic/Plenum Publ; 1999. p. 75–83. Available from: <https://contentstore.cla.co.uk/secure/link?id=7051aeb2-ec99-e611-80c7-005056af4099>

225.

Suárez M. An Inferential Conception of Scientific Representation. *Philosophy of Science* [Internet]. The University of Chicago Press; 2004;71(5):767–779. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.1086/421415>

226.

Weisberg M. Who is a Modeler? *The British Journal for the Philosophy of Science* [Internet]. Oxford University Press; 2007;58(2):207–233. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/30115224>

227.

Weisberg M. Forty Years of 'The Strategy': Levins on Model Building and Idealization. *Biology & Philosophy* [Internet]. 2006;21(5):623–645. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1007/s10539-006-9051-9>

228.

Weisberg M. *Simulation and Similarity: Using Models to Understand the World* [Internet]. Oxford University Press; 2013. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199933662.001.0001/acprof-9780199933662>

229.

Kohler RE. Systems of production: *Drosophila*, *neurospora*, and biochemical genetics. *Historical Studies in the Physical and Biological Sciences* [Internet]. University of California Press; 1991;22(1):87–130. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/27757674>

230.

Rheinberger HJ. From microsomes to ribosomes: 'Strategies' of 'representation'. *Journal of the History of Biology* [Internet]. Springer; 1995;28(1):49–89. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/4331335>

231.

Weber M. Chapter 25: Experimentation. *A Companion to the Philosophy of Biology* [Internet]. Malden, MA: Blackwell Pub; 2008. p. 472–488. Available from: <https://ebookcentral.proquest.com/lib/exeter/reader.action?docID=470333&ppg=500>

232.

Bernard C. Introduction to the Study of Experimental Medicine. New York: Dover; 1985.

233.

Burian RM. Technique, Task Definition and the Transition From Genetics to Molecular Genetics: Aspects of the Work on Protein Synthesis in the Laboratories of J. Monod and P. Zamecnik. *Journal of the History of Biology* [Internet]. Springer; 1993;26(3):387-407.

Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/4331278>

234.

Radder H. The Philosophy of Scientific Experimentation [Internet]. Pittsburgh, PA: University of Pittsburgh Press; 2003. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.2307/j.ctt5hjsnf>

235.

Burian R. The Epistemology of Development, Evolution, and Genetics [Internet]. Cambridge University Press; 2004. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/epistemology-of-development-evolution-and-genetics/8E670690F1F342968730B17CF769EA41#>

236.

De Chadarevian S. Laboratory Science Versus Country-House Experiments. The Controversy Between Julius Sachs and Charles Darwin. *The British Journal for the History of Science* [Internet]. Cambridge University Press; 1996;29(1):17-41. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/4027510>

237.

Chadarevian S de. Designs For Life: Molecular Biology After World War II. Cambridge: Cambridge University Press; 2002.

238.

Coleman W, Holmes FL. *The Investigative Enterprise: Experimental Physiology in Nineteenth-Century Medicine*. Berkeley, Calif: University of California Press; 1988.

239.

Endy D. Foundations for Engineering Biology. *Nature* [Internet]. 2005;438(7067):449–453. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.nature.com/articles/nature04342>

240.

Holmes FL. *Investigative Pathways: Patterns and Stages in the Careers of Experimental Scientists*. New Haven, Conn: Yale University Press; 2004.

241.

Keller EF. *Making Sense of Life: Explaining Biological Development with Models, Metaphors and Machines* [Internet]. Cambridge, MA: Harvard University Press; 2002. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780674039445>

242.

Kohler RE. *Lords of the Fly: Drosophila Genetics and the Experimental Life*. Chicago: University of Chicago Press; 1994.

243.

Kroes P. Technology and Science-Based Heuristics. *New Directions in the Philosophy of Technology* [Internet]. Dordrecht: Kluwer; 1995. p. 17–39. Available from: <https://contentstore.cla.co.uk/secure/link?id=d4eaddf3-eb99-e611-80c7-005056af4099>

244.

Landecker H. *Culturing life: How Cells Became Technologies* [Internet]. Harvard University Press; 2007. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://quod.lib.umich.edu/cgi/t/text/text-idx?c=acjs;idno=heb09113>

245.

Lenoir T. *The Strategy of Life: Teleology and Mechanics in Nineteenth-Century German Biology*. Chicago: University of Chicago Press; 1989.

246.

Olby RC. *The Path to the Double Helix: The Discovery of DNA*. New York: Dover Publications; 1994.

247.

O'Malley MA, Powell A, Davies JF, Calvert J. Knowledge-Making Distinctions in Synthetic Biology. *BioEssays* [Internet]. 2008;30(1):57–65. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://onlinelibrary.wiley.com/doi/10.1002/bies.20664/full>

248.

Pauly PJ. *Controlling Life: Jacques Loeb and the Engineering Ideal in Biology* [Internet]. New York: Oxford University Press; 1987. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780195364668>

249.

Rheinberger HJ. *Toward a History of Epistemic Things: Synthesizing Proteins in the Test Tube*. Stanford, Calif: Stanford University Press; 1997.

250.

Schmidgen H. Pictures, Preparations, and Living Processes: The Production of Immediate Visual Perception (Anschauung) in Late-19th-Century Physiology. *Journal of the History of Biology* [Internet]. Springer; 2004;37(3):477–513. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/4331897>

251.

Weber M. *Philosophy of Experimental Biology* [Internet]. Cambridge University Press; 2004. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.cambridge.org/core/books/philosophy-of-experimental-biology/F53C6D06123469E4C493CEE61BA0D127>

252.

Müller-Wille S. The Dark Side of Evolution: Caprice, Deceit, Redundancy. *History and Philosophy of the Life Sciences* [Internet]. Stazione Zoologica Anton Dohrn - Napoli; 2009;31(2):183–199. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/23334442>

253.

Day RL, Laland KN, Odling-Smee FJ. Rethinking Adaptation: The Niche-Construction Perspective. *Perspectives in Biology and Medicine* [Internet]. 2003;46(1):80–95. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://muse.jhu.edu/article/38634>

254.

O'Malley MA, Dupré J. Size doesn't matter: Towards a more inclusive philosophy of biology. *Biology & Philosophy* [Internet]. 2007;22(2):155–191. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1007/s10539-006-9031-0>

255.

Egerton FN. Changing Concepts of the Balance of Nature. *The Quarterly Review of Biology* [Internet]. The University of Chicago Press; 1973;48(2):322–350. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/2820544>

256.

Plutynski A. Chapter 21: Ecology and the Environment. *The Oxford Handbook of Philosophy of Biology* [Internet]. Oxford University Press; 2008. p. 505–524. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780195182057.001.0001/oxfordhb-9780195182057-e-022>

257.

Wilson DS, Sober E. Reviving the Superorganism. *Journal of Theoretical Biology* [Internet]. 1989;136(3):337–356. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S0022519389801699>

258.

Canguilhem G. The Development of the Concept of Biological Regulation in the Eighteenth and Nineteenth Centuries. Ideology and Rationality in the History of the Life Sciences [Internet]. 1988. p. 81–102. Available from: <https://contentstore.cla.co.uk/secure/link?id=c03efb17-ffd7-e611-80c9-005056af4099>

259.

Daston L, Vidal F. The Moral Authority of Nature [Internet]. Chicago, Ill: University of Chicago Press; 2004. Available from: https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991002185209707446&context=L&vid=44UOEX_INST:default

260.

Dennett DC. Darwin's Dangerous Idea: Evolution and the Meanings of Life. London: Penguin; 1996.

261.

Gilbert SF, Epel D. Ecological Developmental Biology: Integrating Epigenetics, Medicine, and Evolution - An Integrated Approach to Embryology, Evolution, and Medicine. Sunderland, Mass: Sinauer Associates; 2009.

262.

Haraway D. When Species Meet [Internet]. Minneapolis: University of Minnesota Press; 2008. Available from: <https://ebookcentral.proquest.com/lib/exeter/detail.action?docID=328400>

263.

Hinchliffe S. Geographies of Nature: Societies, Environments, Ecologies [Internet]. Los Angeles, Calif: SAGE; 2007. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9781848607491>

264.

Jablonka E, Lamb MJ, Zeligowski A. Evolution in Four Dimensions: Genetic, Epigenetic, Behavioral, and Symbolic Variation in the History of Life [Internet]. Revised edition. Cambridge, Massachusetts: A Bradford Book; 2014. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://ebookcentral.proquest.com/lib/exeter/detail.action?docID=3339771>

265.

Keller EF. Refiguring Life: Metaphors of Twentieth-Century Biology. New York: Columbia University Press; 1995.

266.

Margulis L. Symbiotic Planet: A New Look at Evolution [Internet]. 1st ed. New York: Basic Books; 1998. Available from: <https://ebookcentral.proquest.com/lib/exeter/detail.action?docID=679945>

267.

Mu

Iller-Wille S, Rheinberger HJ. Chapter 1: Heredity - The Formation of an Epistemic Space. Heredity Produced: At the Crossroads of Biology, Politics and Culture, 1500-1870 [Internet]. Cambridge, Mass: MIT Press; 2007. p. 3-34. Available from: <http://www.vlebooks.com/Vleweb/Product/Index/997468?page=0>

268.

Odenbaugh J. Struggling with the Science of Ecology. Biology & Philosophy [Internet]. 2006;21(3):395-409. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://link.springer.com/article/10.1007/s10539-005-4055-4>

269.

Odling-Smee FJ, Laland KN, Feldman MW. Niche Construction: The Neglected Process in Evolution [Internet]. Princeton University Press; 2003. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/j.ctt24hqpd>

270.

Okasha S. Evolution and the Levels of Selection [Internet]. Oxford University Press; 2006. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199267972.001.0001/acprof-9780199267972>

271.

Oyama S, Griffiths PE, Gray RD. Cycles of Contingency: Developmental Systems and Evolution. Cambridge, MA: MIT Press; 2001.

272.

Roughgarden J. Evolution's Rainbow: Diversity, Gender, and Sexuality in Nature and People [Internet]. Berkeley: University of California Press; 2013. Available from: <https://ebookcentral.proquest.com/lib/exeter/detail.action?docID=1375430>

273.

Odenbaugh J. Conservation Biology. The Stanford Encyclopedia of Philosophy [Internet]. Stanford, CA: Stanford University; 2016; Available from: <https://plato.stanford.edu/entries/conservation-biology/>

274.

Sarkar S. Ecology. The Stanford Encyclopedia of Philosophy [Internet]. Stanford, CA: Stanford University; 2005; Available from: <http://plato.stanford.edu/entries/ecology>

275.

Schiebinger L. Nature's Body: Gender in the Making of Modern Science. Rutgers University Press; 2004.

276.

Schweber SS. Darwin and the Political Economists: Divergence of Character. Journal of the History of Biology [Internet]. Springer; 1980;13(2):195–289. Available from:

<https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/4330766>

277.

Young RM. Darwin's Metaphor: Nature's Place in Victorian Culture. Cambridge: Cambridge University Press; 1985.

278.

Reiss J, Ankeny RA. Philosophy of Medicine. The Stanford Encyclopedia of Philosophy [Internet]. Stanford, CA: Stanford University; 2016; Available from: <https://plato.stanford.edu/archives/sum2016/entries/medicine/>

279.

Foucault M. Right of death and power over life. The Foucault Reader [Internet]. Harmondsworth: Penguin; 1986. p. 258–272. Available from: <https://contentstore.cla.co.uk/secure/link?id=acf76f99-bf9a-e611-80c7-005056af4099>

280.

Boniolo G. Chapter 1: Molecular Medicine: The Clinical Method Enters the Lab. Philosophy of Molecular Medicine: Foundational Issues in Research and Practice [Internet]. New York : Routledge, Taylor & Francis Group; 2017. p. 15–34. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.taylorfrancis.com/books/e/9781317378358/chapters/10.4324%2F9781315674162-8>

281.

Boniolo G, Nathan MJ. Philosophy of Molecular Medicine: Foundational Issues in Research and Practice [Internet]. New York : Routledge, Taylor & Francis Group; 2017. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.taylorfrancis.com/books/9781315674162>

282.

Boorse C. Health as a Theoretical Concept. Philosophy of Science [Internet]. The University of Chicago Press; 1977;44(4):542–573. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/186939>

283.

Kingma E. Paracetamol, Poison, and Polio: Why Boorse's Account of Function Fails to Distinguish Health and Disease. *The British Journal for the Philosophy of Science* [Internet]. Oxford University Press/The British Society for the Philosophy of Science/The British Society for the Philosophy of Science; 2010;61(2):241-264. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/40664348>

284.

Lennox JG. Health as an Objective Value. *Journal of Medicine and Philosophy* [Internet]. 1995;20(5):499-511. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://academic.oup.com/jmp/article/20/5/499/924077/Health-as-an-Objective-Value>

285.

Grene M. *Philosophy of Medicine: Prolegomena to a Philosophy of Science*. PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association [Internet]. The University of Chicago Press; 1976;1976:77-93. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/192374>

286.

Amundson R. Against Normal Function. *Studies in History and Philosophy of Biological and Biomedical Sciences* [Internet]. 2000;31(1):33-53. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.sciencedirect.com/science/article/pii/S1369848699000333>

287.

Canguilhem G. *The Normal and the Pathological*. New York: Zone Books; 1989.

288.

Canguilhem G, Geroulanos S, Meyers T. *Writings on Medicine* [Internet]. Fordham University Press; 2012. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/j.ctt1c84gs6>

289.

Carel H. *Illness: The Cry of the Flesh* [Internet]. Revised edition. London: Routledge; 2013. Available from: <https://www.taylorfrancis.com/books/illness-havi-carel/10.4324/9781315487410>

290.

Cunningham A, Williams P. *The Laboratory Revolution in Medicine*. Cambridge: Cambridge University Press; 1992.

291.

Engelhardt HT. *The Philosophy of Medicine: Framing the Field*. Dordrecht: Kluwer Acad. Publ; 2000.

292.

Fortun M, Mendelsohn E. *The Practices of Human Genetics*. Dordrecht: Kluwer Academic; 1999.

293.

Foucault M. *The Birth of the Clinic: An Archaeology of Medical Perception* [Internet]. London: Routledge; 2003. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9781135864767>

294.

Foucault M, Bertani M. *Society Must be Defended: Lectures at the Collège de France, 1975-76: Lectures at the College De France, 1975 76*. London: Penguin; 2004.

295.

Gannett L. Chapter 19: Genes and Society. *The Oxford Handbook of Philosophy of Biology* [Internet]. New York: Oxford University Press; 2008. p. 451–477. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780195182057.001.0001/oxfordhb-9780195182057-e-020>

296.

Gannett L. The Biological Reification of Race. *The British Journal for the Philosophy of Science* [Internet]. Oxford University Press/The British Society for the Philosophy of Science; 2004;55(2):323-345. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/3541694>

297.

Hacking I. Genetics, Biosocial Groups and the Future of Identity. *Daedalus* [Internet]. The MIT Press/American Academy of Arts & Sciences; 2006;135(4):81-95. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/20028075>

298.

Longino HE, Keller EF. *Feminism and Science*. Oxford: Oxford University Press; 1996.

299.

Kevles DJ. *In the Name of Eugenics: Genetics and the Uses of Human Heredity*. Cambridge, Mass: Harvard University Press; 1995.

300.

Koenig BA, Lee SSJ, Richardson SS. *Revisiting Race in a Genomic Age*. New Brunswick, N.J.: Rutgers University Press; 2008.

301.

Magnus D. Chapter 23: The Concept of Genetic Disease. *Health, Disease and Illness: Concepts in Medicine*. Washington, D.C.: Georgetown University Press; 2004. p. 233-242.

302.

Grmek MD. *Pathological Realities: Essays on Disease, Experiments, and History* [Internet]. Méthot PO, editor. New York, NY: Fordham University Press; 2018. Available from:

<https://www.jstor.org/stable/j.ctv75d9nq>

303.

Paul DB. Controlling Human Heredity: 1865 to the Present. Atlantic Highlands, N.J: Humanities Press; 1995.

304.

Sunder Rajan K. Pharmocracy: Value, Politics, and Knowledge in Global Biomedicine [Internet]. Durham, [North Carolina]: Duke University Press; 2017. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=Exeter&isbn=9780822373285>

305.

Reardon J. Race to the Finish: Identity and Governance in an Age of Genomics [Internet]. Princeton, NJ: Princeton University Press; 2005. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.2307/j.ctt7t00f>

306.

Root M. The use of race in medicine as a proxy for genetic differences. Philosophy of Science [Internet]. 2003;70(5):1173-1183. Available from: <https://uoelibrary.idm.oclc.org/login?url=http://www.jstor.org/stable/10.1086/377398>

307.

Schaffner KF. Philosophy of medicine. Introduction to the Philosophy of Science: A Text. Englewood Cliffs, NJ: Prentice Hall; 1992. p. 310-345.

308.

Temkin O. Chapter 29: Health and disease. The Double Face of Janus and Other Essays in the History of Medicine [Internet]. Baltimore, Md: Johns Hopkins University Press; 2006. p. 419-440. Available from: <https://contentstore.cla.co.uk/secure/link?id=ea5e0181-cb9a-e611-80c7-005056af4099>

309.

UNESCO. The Race Question in Modern Science: Results of an Inquiry [Internet]. Paris: United Nations Educational, Scientific and Cultural Organisation; 1952. Available from: <http://unesdoc.unesco.org/images/0007/000733/073351eo.pdf>