

Works Cited

- Abdalla, Mohamad and Halim Rane. 2011. 'Behind a Veil: Islam's Democratic History'. In Benjamin Isakhan and Stephen Stockwell's *The Secret History of Democracy*. Basingstoke, UK: Palgrave Macmillan, pp. 79–91.
- Adami, Christoph, Charles Ofria and Travis C. Collier. 2000. 'Evolution of Biological Complexity'. *PNAS*, 97 (9): 4463–4468.
- Adler, Julius and Wung-Wai Tso. 1974. "Decision"-Making in Bacteria: Chemotactic Response of *Escherichia coli* Conflicting Stimuli'. *Science*, 184 (4143): 1292–1294.
- Agamben, Giorgio. 1998. *Homo Sacer: Sovereign Power and Bare Life*. Stanford: Stanford University Press.
- Al-Jabri, Mohammed Abed. 2008. *Democracy, Human Rights and Law in Islamic Thought*. London: I. B. Tauris.
- Alonso, Sonia, John Keane and Wolfgang Merkel. 2011. *The Future of Representative Democracy*. Cambridge, UK: Cambridge University Press.
- Ambridge, Lindsay June. 2007. 'Searching History: The Non-Elite in Ancient Egypt'. *History Compass*, 5 (2): 632–645.
- Arblaster, Anthony. 2002. *Democracy*. 3rd edn. Buckingham, UK: Open University Press.
- Arendt, Hannah. 2007. 'The Great Tradition II. Ruling and Being Ruled'. *Social Research*, 74 (4): 941–954.
- Arjomand, Saïd Amir. 2004. 'Coffeehouses, Guilds and Oriental Despotism Government and Civil Society in Late 17th to Early 18th Century Istanbul and Isfahan, and as Seen from Paris and London'. *European Journal of Sociology*, 45 (1): 23–42.

- Asmonti, Luca. 2006. 'The Arginusae Trial, the Changing Role of Strategoi and the Relationship Between Demos and Military Leadership in Late Fifth-Century Athens.' *Bulletin – Institute of Classical Studies*, 49 (1): 1–21.
- Barley, Stephen R. 2007. 'Corporations, Democracy and the Public Good.' *Journal of Management Inquiry*, 16 (3): 201–215.
- Barnwell, Paul S. and Marco Mostert. 2003. *Political Assemblies in the Earlier Middle Ages*. Belgium: Turnhout Brepols Publishers.
- Benedict, Catherine, Matt Geisler, Johan Trygg, Norman Huner and Vaughan Hurry. 2006. 'Consensus by Democracy: Using Meta-Analyses of Microarray and Genomic Data to Model to Cold Acclimation Signalling Pathway in Arabidopsis.' *Plant Physiology*, 141 (4): 1219–1232.
- Bennett, N. and C. Faulkes. 2000. *African Mole-rats: Ecology and Eusociality*. Cambridge, UK: Cambridge University Press.
- Ben-Jacob, E. 2008. 'Social Behavior of Bacteria: from Physics to Complex Organisation.' *The European Physical Journal B*, 65: 315–322.
- Bertrand, Claude-Jean (ed.) 2003. *An Arsenal for Democracy: Media Accountability Systems*. Creskill, NJ: Hampton Press.
- Birch, Sarah. 2011. *Electoral Malpractice*. Oxford, UK: Oxford University Press.
- Black, Antony. 2009. *A World History of Ancient Political Thought*. Oxford, UK: Oxford University Press.
- Black, J. 1988. 'Preflight Signalling in Swans – A Mechanism for Group Cohesion and Flock Formation.' *Ethology*, 79: 143–157.
- Boehm, Christopher. 2012. 'Prehistory.' In Benjamin Isakhan and Stephen Stockwell *The Edinburgh Companion to the History of Democracy*. Edinburgh, UK: Edinburgh University Press. Pages 29–39.
- Böhmer, Martin, Qui Van, Ingo Weyand, Volker Hagen, Michael Bayermann, Midori Matsumoto, Motonori Hoshi, Eilo Hildebrand and Ulrich Benjamin Kaupp. 2005. 'Ca²⁺ Spikes in the Flagellum Control Chemotactic Behavior of Sperm.' *The Embo Journal*, 24 (15): 2741–2752.
- Bonner, J. T. and D. S. Lamont. 2005. 'Behaviour of Cellular Slime Moulds in the Soil.' *Mycologia*, 97 (1): 178–184.
- Boomsma, Jacobus J. 2011. 'Evolutionary Biology: Farming Writ Small.' *Nature*, 469: 308–309.
- Boulhosa, Patricia Pires. 2011. 'Ideals and Aspirations: Democracy and Law-Making in Medieval Iceland.' In Benjamin Isakhan and Stephen

- Stockwell *The Secret History of Democracy*. Basingstoke, UK: Palgrave Macmillan, pp. 92–104.
- Bourke, Richard. 2008. 'Enlightenment, Revolution and Democracy?' *Constellations*, 15 (1): 10–32.
- Bozzone, Donna M. 1997. 'Feeding Behaviors in Cellular Slime Moulds: A Microbial System to Study Competition.' *The American Biology Teacher*, 59 (9): 565–572.
- Brännäs, Eva, Anders Alanära and Carin Magnhagen. 2001. 'The Social Behaviour of Fish.' In Linda J. Keeling and Harold W. Gonyou *Social Behaviour in Farm Animals*. International: CABI.
- Brather, Sebastian. 2011. 'The Western Slavs of the Seventh to the Eleventh Century – An Archaeological Perspective.' *History Compass*, 9 (6): 454–473.
- Brown, Sam P. and Angus Buckling. 2008. 'A Social Life for Discerning Microbes.' *Cell*, 135 (4): 600–603.
- Bukhari, Huzaima and Ikramul Haq. 2010. 'Accountability and Democracy.' *Economic Review*, 41 (2): 50–51.
- Burke, Edmund. Edited by Daniel E. Ritchie. 1992 [1790]. *Further Reflections on the French Revolution*. Indianapolis, IN: Liberty Fund.
- Campbell, Heather M. 2011. *Advances in Democracy: From the French Revolution to the Present-Day European Union*. London: Britannica Educational Publishing.
- Canny, Brian Gerard. 2010. 'The Economics and Ethics of Celtic Ireland.' *Procesos de Mercado [Market Processes]*, 7 (2): 215–238.
- Cartledge, Paul. 2007. 'Democracy, Origins Of: Contributions to a Debate.' In Kurt A. Raflaub, Josiah Ober and Robert Wallace. *Origins of Democracy in Ancient Greece*. Los Angeles, CA: University of California Press.
- Chou, Mark. 2011. 'When Democracies Fail.' *Political Studies Review*, 9 (3): 344–356.
- Chou, Mark. 2012. *Greek Tragedy and Contemporary Democracy*. New York: Bloomsbury.
- Chou, Mark. 2013. *Theorising Democide: Why and How Democracies Fail*. Basingstoke, UK: Palgrave Macmillan.
- Cohen, Elliot D (ed). 2005. *News Incorporated: Corporate Media Ownership and Its Threat to Democracy*. Amherst, NY: Prometheus Books.
- Coles, Romand. 2011. 'The Neuropolitical *habitus* of Resonant Receptive Democracy.' *Ethics & Global Politics*, 4 (4): 273–293.

- Condorcet, Nicolas de. 1795 [English edition from 1796]. *Outlines of an Historical View of the Progress of the Human Mind*. Philadelphia, USA.
- Congleton, Roger. 2011. *Perfecting Parliament: Constitutional Reform and the Origins of Western Democracy*. Cambridge, UK: Cambridge University Press.
- Connolly, William E. 1983. 'Discipline, Politics, and Ambiguity'. *Political Theory*, 11 (3): 325–341.
- Conrad, L. and T. J. Roper. 2007. 'Democracy in Animals: the Evolution of Shared Group Decisions'. *Proceedings of the Royal Society B – Biological Sciences*, 274 (1623): 2317–2326.
- Cornell, Heather N., John M. Marzluff and Shannon Pecoraro. 2011. 'Social Learning Spreads Knowledge about Dangerous Humans Among American Crows'. *Proceedings of the Royal Society B: Biological Sciences*, 279 (1728): 499–508.
- Crick, Bernard. 2002. *Democracy: A Very Short Introduction*. Oxford, UK: Oxford University Press.
- Curato, Nicole. 2012. 'Respondents as Interlocutors: Translating Deliberative Democratic Principles to Qualitative Interviewing Ethics'. *Qualitative Inquiry*, 18 (7): 571–582.
- Dandamayev, M. A. 1995. 'Babylonian Popular Assemblies in the First Millennium BC'. *The Bulletin of the Canadian Society for Mesopotamian Studies*, 30: 23–29.
- Davis, Karen M. and Gordon M. Burghardt. 2011. 'Turtles (*Pseudemys nelsoni*) Learn about Visual Cues Indicating Food from Experienced Turtles'. *Journal of Comparative Psychology*, 125 (4): 404–410.
- Della Porta, Donatella and Yves Mény (eds) 1997. *Democracy and Corruption in Europe*. London: Pinter.
- Dirmoser, Dietmar. 2005. 'Democracia sin demócratas: Sobre la crisis de la democracia en América Latina'. *Nueva Sociedad*, 197: 28–40.
- Dobson, Andrew. 2010. 'Democracy and Nature: Speaking and Listening'. *Political Studies*, 58 (4): 752–768.
- Dryzek, John and Jean-Paul Gagnon. 2013. 'Twists of Democratic Governance'. In Jean-Paul Gagnon *Democratic Theorists in Conversation: Turns in Contemporary Thought*. Basingstoke, UK: Palgrave Macmillan.
- Dryzek, John and Simon Niemeyer. 2008. 'Discursive Representation'. *American Political Science Review*, 102 (4): 481–493.
- Dunn, John. 2005. *Setting the People Free: The Story of Democracy*. London: Atlantic Books.

- Dunn, John and Jean-Paul Gagnon. 2013. 'The Impossibility of "Knowing" Democracy'. In Jean-Paul Gagnon *Democratic Theorists in Conversation: Turns in Contemporary Thought*. Basingstoke, UK: Palgrave Macmillan.
- Eckersley, Robyn. 2011. 'Representing Nature'. In Sonia Alonso, John Keane and Wolfgang Merkel's *The Future of Representative Democracy*. Cambridge, UK: Cambridge University Press.
- Eckersley, Robyn and Jean-Paul Gagnon. 2013. 'Representing Nature and Contemporary Democracy'. *Journal of Democratic Theory* [forthcoming].
- Edge, Peter W. and C. C. Augur Pearce. 2006. 'The Development of the Lord Bishop's Role in the Manx Tynwald'. *The Journal of Ecclesiastical History*, 57 (3): 494–514.
- Ehrenberg, Victor. 1950. 'Origins of Democracy'. *Historia: Zeitschrift für Alte Geschichte, [Historia: Journal for Ancient History]* 1 (4): 515–548.
- Elstub, Stephen. 2010. 'Linking Micro Deliberative Democracy and Decision-Making: Trade-Offs between Theory and Practice in a Partisan Citizen Forum'. *Representation*, 46 (3): 309–324.
- Elstub, Stephen and Jean-Paul Gagnon. 2012. 'From Modelism to Ecumenical Democracy through Practical Equilibrium: Deliberative Democracy as Example'. *Journal of Democratic Theory* [forthcoming].
- Estlund, David (ed). 2002. *Democracy*. Malden, MA: Blackwell Publishers.
- Federle, Michael J. and Bonnie L. Bassler. 2003. 'Interspecies Communication in Bacteria'. *The Journal of Clinical Investigation*, 112 (9): 1291–1299.
- Fisher, Heidi S. and Hopi E. Hoekstra. 2010. 'Competition Drives Cooperation Among Closely Related Sperm of Deer Mice'. *Nature*, 463: 801–803.
- Fleck, Robert K. and F. Andrew Hanssen. 2006. 'The Origins of Democracy: A Model with Application to Ancient Greece'. *Journal of Law and Economics*, 49 (1): 115–146.
- Follett, Mary Parker. 1965 [c1920s]. *The New State: Group Organization, the Solution of Popular Government*. Gloucester, MA: P. Smith.
- Foucault, Michel. 1978. *The History of Sexuality, Vol 1: An Introduction*. New York: Pantheon Books.
- Frank, Andre Gunder. 1999. 'A Testimonial Contribution to the 25th Anniversary Issue of *Social Justice*'. *Social Justice*, 26 (2): 51–55.
- Frommen, Joachim G. and Theo C. M. Bakker. 2004. 'Adult Three-Spined Sticklebacks Prefer to Shoal with Familiar Kin'. *Behaviour*, 141 (11/12): 1401–1409.

- Fukuyama, Francis. 2010. 'The "End of History" 20 Years Later'. *New Perspectives Quarterly*, 27 (1): 7–10.
- Fukuyama, Francis. 2011. *The Origins of Political Order*. Volume 1. New York: Farrar, Strauss and Giroux.
- Fukuyama, Francis. 2012. 'The Future of History'. *Foreign Affairs*, 91 (1): 53–61.
- Furuichi, Takeshi. 2011. 'Female Contributions to the Peaceful Nature of Bonobo Society'. *Evolutionary Anthropology: Issues, News and Reviews*. 20 (4): 131–142.
- Gagnon, Jean-Paul. 2010. 'Democratic Theory and Theoretical Physics'. *Taiwan Journal of Democracy*, 6 (2): 1–22.
- Gagnon, Jean-Paul. 2012. 'An Intervention on "Democracy" as a Term in Empirical Political Analysis'. *Public Administration and Policy: An Asia-Pacific Journal*, 15 (2): 71–96.
- Gagnon, Jean-Paul. 2012a. 'Environmental Democracy'. *Political Reflection Magazine*, 3 (4): 6–84.
- Gagnon, Jean-Paul. 2012b. 'If Our Underwhelming Politicians Don't Pass the Test, Perhaps It's Time to Make Them Sit One'. *The Conversation*, 16 February. Online source: <https://theconversation.edu.au/if-our-underwhelming-politicians-dont-pass-the-test-perhaps-its-time-to-make-them-sit-one-4599>. Last accessed: 19/12/2012.
- Gallie, W. B. 1956. 'Essentially Contested Concepts'. *Meeting of the Aristotelian Society at 21 Bedford Square, London, W.C.1, on 12 March, at 7:30 pm*.
- Gidon, Albert and Idan Segev. 2009. 'Spike-Timing-Dependent Synaptic Plasticity and Synaptic Democracy in Dendrites'. *Journal of Neural Physiology*, 101 (6): 3226–3234.
- Gill, Graeme. 2008. *Bourgeoisie, State and Democracy: Russia, Britain, France, Germany, and the USA*. Oxford, UK: Oxford University Press.
- Gillin, John Lewis. 1919. 'The Origin of Democracy'. *American Journal of Sociology*, 24 (6): 704–714.
- Haba, N., Y. Matsui, N. Okamura and T. Suzuki. 2000. 'Are Lepton Flavor Mixings in the Democratic Mass Matrix Stable against Quantum Corrections?'. *Physics Letter B*, 489 (1–2): 184–193.
- Hamington, Maurice. 2004. 'Addams's Radical Democracy: Moving Beyond Rights'. *The Journal of Speculative Philosophy*, 18 (3): 316–223.
- Haraway, Donna. 2006. 'Encounters with Companion Species: Entangling Dogs, Baboons, Philosophers and Biologists'. *Configurations*, 14 (1–2): 97–114.

- Haug, Jutta. 2001. 'More Fairness, Democracy and Transparency'. *Intereconomics*, 36 (5): 226–228.
- Hay, Colin. 2007. *Why We Hate Politics*. Cambridge, UK: Polity Press.
- Head, Randolph C. 1995. *Early Modern Democracy in the Grisons: Social Order and Political Language in a Swiss Mountain Canton, 1470–1620*. New York: Cambridge University Press.
- Held, David. 2006. *Models of Democracy*. 3rd edn. London: Polity Press.
- Helfman, Gene S. 1984. 'School Fidelity in Fishes: The Yellow Perch Pattern'. *Animal Behaviour*, 32 (3): 663–672.
- Herodotus. 1996 [460 BCE]. *Histories*. Translated by G. Rawlinson. London: Wordsworth Classics.
- Holzhaider, J. C., M. D. Sibley, A. H. Taylor, P. J. Singh, R. D. Gray and G. R. Hunt. 2011. 'The Social Structure of New Caledonian Crows'. *Animal Behavior*, 81 (1): 83–92.
- Hook, Sidney. 1949. 'The Philosophy of Democracy as a Philosophy of History'. *Philosophy and Phenomenological Research*, 9 (3): 576–587.
- Huntington, Samuel. 1991. *The Third Wave: Democratization in the Late Twentieth Century*. Norman, OK, USA: University of Oklahoma Press.
- Ikeskamp, Karl-J. and Henry Heitmann-Gordon. 2010. *Reconstructing the Roman Republic*. Princeton, NJ: Princeton University Press.
- Insua, David Rios and Simon French (eds) 2010. *E-Democracy: A Group Decision and Negotiation Perspective*. International: Springer.
- Isakhan, Benjamin and Stephen Stockwell. 2011. *Secret History of Democracy*. Basingstoke, UK: Palgrave Macmillan.
- Isakhan, Benjamin. 2012. *Democracy in Iraq*. Farnham, UK: Ashgate.
- Isakhan, Benjamin. 2012a. 'The Complex and Contested History of Democracy'. In Benjamin Isakhan and Stephen Stockwell *The Edinburgh Companion to the History of Democracy*. Edinburgh, UK: Edinburgh University Press, pp. 1–26.
- Isakhan, Benjamin and Stephen Stockwell (eds) 2012. *The Edinburgh Companion to the History of Democracy*. Edinburgh, UK: Edinburgh University Press.
- Isakhan, Benjamin and Jean-Paul Gagnon. 2013. 'Discussing the History of Democracy'. *Journal of Democratic Theory* [Forthcoming].
- Itoh, Masaya, Hideki Takahashi, Takeshi Fujii, Hideyuki Takakura, Yoshihiro Hamakawa and Yasuhiro Matsumoto. 2001. 'Evaluation of Electric Energy Performance by Democratic Module pv System Field Test'. *Solar Energy Materials and Solar Cells*, 67 (1–4): 435–440.

- Izawa, Ei-Ichi. 2007. 'Cognitive Basis of Social Behaviour in the Crow: Understanding "Who" Is Doing "What"'. *Neuroscience Research*, 58 (1): S17.
- Izawa, Ei-Ichi. 2008. 'Crows Are "Feathered Primates"?: from Ecology to Social Cognition of Crows'. *Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology*, 151 (4): 445.
- Jennissen, Roel. 2011. 'Ethnic Migration in Central and Eastern Europe: Its Historical Background and Contemporary Flows'. *Studies in Ethnicity and Nationalism*, 11 (2): 252–270.
- Jones, Philip James. 1997. *The Italian City-State: From Commune to Signoria*. Oxford, UK: Clarendon Press.
- Kacser, H. and J. A. Burns. 1979. 'Molecular Democracy: Who Shares the Controls?' *Biochemical Society Transactions*, 7 (5): 1149–1160.
- Karl, G. and J. J. Simpson. 2002. 'Are Neutrinos Democratic?' *High Energy Physics – Phenomenology*. Online source: <http://arxiv.org/ftp/hep-ph/papers/0205/0205288.pdf>. Last accessed 12/12/2012.
- Karsai, Istvan and John W. Wenzel. 2000. 'Organization and Regulation of Nest Construction Behavior in Metapolybia Wasps'. *Journal of Insect Behavior*, 13 (1): 111–140.
- Kaupp, Ulrich Benjamin, Nachiket D. Kashikar and Ingo Weyand. 2008. 'Mechanisms of Sperm Chemotaxis'. *Annual Review of Physiology*, 70: 93–117.
- Keane, John. 2009. *The Life and Death of Democracy*. New York: Simon and Schuster.
- Keane, John. 2012a. 'By the People'. *Financial Times*, 14 December. Online source: <http://www.ft.com/intl/cms/s/2/adfc52a6-438f-11e2-a48c-00144feabdco.html#axzz2R4braDBv>. Last visited 21/04/2013.
- Keane, John and Jean-Paul Gagnon. 2013. 'Broadening the Democratic Imagination'. In Jean-Paul Gagnon *Democratic Theorists in Conversation: Turns in Contemporary Thought*. Basingstoke, UK: Palgrave Macmillan.
- Keane, John. 2013a. 'The Greening of Democracy'. *The Conversation*, 5 September. Online source: <https://theconversation.edu.au/the-greening-of-democracy-7182>. Last accessed 12/12/2012.
- Kendal, Jeremy R., Luke Rendell, Thomas W. Pike and Kevin L. Laland. 2008. 'Nine-Spined Sticklebacks Deploy a Hill-Climbing Social Learning Strategy'. *Behavioral Ecology*, 20 (2): 238–244.
- Khatab, Sayed and Gary D. Bouma. 2007. *Democracy in Islam*. London: Routledge.

- King, Andrew J. and Cédric Sueur. 2011. 'Where Next? Group Coordination and Collective Decision Making by Primates.' *International Journal of Primatology*, 32: 1245–1267.
- Koide, Yoshio and Hideo Fusaoka. 2002. 'A Unified Description of Quark and Lepton Mass Matrices in a Universal Seesaw Model.' *High Energy Physics – Phenomenology*. Online source: <http://arxiv.org/pdf/hep-ph/0209148v1.pdf>. Last accessed 12/12/2012.
- Korb, Judith. 2008. 'The Ecology of Social Evolution in Termites.' In Judith Korb and J. Heinze *Ecology of Social Evolution*. Berlin: Springer-Verlag, pp. 151–174.
- Kornblith, Miriam. Translated by Vinay Jawahar. 2005. 'Elections versus Democracy.' *Journal of Democracy*, 16 (1): 124–137.
- Kropotkin, Pyotr Alexeyevich. 1955 [1902]. *Mutual Aid: A Factor of Evolution*. Boston, MA: Extending Horizons.
- Kroyter, Michael. 2011. 'Democratic Superstring Field Theory: Gauge Fixing.' *Journal of High Energy Physics – Theory*. 2nd updated draft. Online source: <http://arxiv.org/pdf/1010.1662v4.pdf>. Last accessed 12/12/2012.
- Labutina, T.L. [Лабутина, ТЛ]. 1994. 'У истоков современной демократии: политическая мысль английского просвещения, 1689–1714 гг [At the Root of Modern Democracy: Political Thought in English Education, 1689–1714]'. Российская академия наук [Russian Academy of Sciences].
- Laclau, Ernesto. 2001. 'Democracy and the Question of Power.' *Constellations*, 8 (1): 3–14.
- Lake, Celinda and Jennifer Sosin. 1998. 'Public Opinion Polling and the Future of Democracy.' *National Civic Review*, 87 (1): 65–71.
- Latour, Bruno. 1994. 'Pragmatogonies: A Mythical Account of How Humans and Nonhumans Swap Properties.' *The American Behavioural Scientist*, 37 (6): 791–809.
- Levy, Ron. 2010. 'Breaking the Constitutional Deadlock: Lessons from Deliberative Experiments in Constitutional Change.' *Melbourne University Law Review*, 34: 805–838.
- Lewis, I. M. 1999 [first edition 1961]. *A Pastoral Democracy: a Study of Pastoralism and Politics Among the Northern Somali of the Horn of Africa*, 3rd edn. Oxford, UK: James Currey, with the International African Anthropology Series.
- Lihoreau, M., J. T. Costa and C. Rivault. 2012. 'The Social Biology of Domiciliary Cockroaches: Colony Structure, Kin Recognition and Collective Decisions.' *Insectes Sociaux* [Social Insects], 59 (4): 445–452.

- Lijphart, Arend. 2001. 'Democracy in the 21st Century: Can We Be Optimistic?' *European Review*, 9 (2): 169–184.
- Magalhães, Fernando. 2000. 'O passado ameaça o futuro: Tocqueville e a perspectiva de democracia individualista [The Past Threatens the Future: Tocqueville and the Prospect of Individualistic Democracy]'. *Tempo Social* [Social Time], 12 (1): 141–161.
- Mallon, E. B., S. C. Pratt and N. R. Franks. 2001. 'Individual and Aggregated Decision Making during Nest Site Selection by the Ant *Leptothorax albipennis*'. *Behavioural Ecology and Sociobiology*, 50: 352–359.
- Manassa, R. P. and M. I. McCormick. 2012. 'Social Learning and Acquired Recognition of a Predator by a Marine Fish'. *Animal Cognition*, 15 (4): 559–565.
- Maransky, B. P. and K. L. Bildstein. 2001. 'Follow Your Elders: Age-Related Differences in the Migration Behaviour of Broad-Winged Hawks at Hawk Mountain Sanctuary, Pennsylvania'. *The Wilson Bulletin*, 113: 350–353.
- Marktanner, Marcus and Joanna Nasr. 2009. 'Potentials of Democratization, Demilitarization, Industrialization, and Contraception'. *Journal of Economic Studies*, 36 (3): 236–249.
- McDowell, A. 1999. *Village Life in Ancient Egypt: Laundry Lists and Love Songs*. Oxford, UK: Oxford University Press.
- McGowan, Hamish, Samuel Marx, Patrick Moss and Andrew Hammond. 2012. 'Evidence of ENSO Mega-Drought Triggered Collapse of Prehistory Aboriginal Society in Northwest Australia'. *Geophysical Research Letters*, 39.
- Mech, L. D. and L. Boitani (eds) 2003. *Wolves: Behavior, Ecology and Conservation*. Chicago: University of Chicago Press.
- Meierhenrich, Uwe. 2008. *Amino Acids and the Asymmetry of Life: Caught in the Act of Formation*. International: Springer.
- Mellor, Ronald. 2010. *Tacitus' Annals*. Oxford, UK: Oxford University Press.
- Memel-Fotê, Harris. 1991. 'Des ancêtres fondateurs aux Pères de la nation. Introduction à une anthropologie de la démocratie' [The Founding Ancestors of the Fathers of the Nation. Introduction to the Anthropology of Democracy]. *Cahiers d'Études Africaines* [Notebooks of African Studies], 31 (123): 263–285.
- Meskel, L. 1998. 'An Archaeology of Social Relations in an Egyptian Village'. *Journal of Archaeological Method and Theory*, 5 (3): 209–243.

- Mitchell-Boyask, Robin. 2009. 'Plague and Theatre in Ancient Athens'. *The Lancet*, 373 (9661): 374–375.
- Milius, Susan. 2006. 'Naked and Not: Two Species of Mole Rats Run Complex Societies Underground'. *Science News*, 169 (25): 394–396.
- Millar, Fergus. 1998. *The Crowd in Rome in the late Republic*. Ann Arbor, MI: University of Michigan Press.
- Miura, Takahiro, Eiichi Takasugi and Masaki Yoshimura. 2000. 'Quantum Effects for the Neutrino Mixing Matrix in a Democratic Type Model'. *Progress of Theoretical Physics*, 104 (6): 1173–1187.
- Mouffe, Chantal. 1999. 'Deliberative Democracy Or Agonistic Pluralism?' *Social Research*, 66 (3): 745–758.
- Muhlberger, Steve. 2011. 'Republics and Quasi-Democratic Institutions in Ancient India'. In Benjamin Isakhan and Stephen Stockwell's *The Secret History of Democracy*. Basingstoke, UK: Palgrave Macmillan.
- Nagy, Maté, Zsuzsa Akos, Dora Biro and Tamas Vicsek. 2010. 'Hierarchical Group Dynamics in Pigeon Flocks'. *Nature*, 464 (893): 890–893.
- Nakagaki, Toshiyuki. 2001. 'Smart Behaviour of True Slime Mould in a Labyrinth'. *Research in Microbiology*, 152 (9): 767–770.
- Nishikawa, Koji, Hidenori Kawamura and Azuma Ohuchi. 2005. 'Entropy and Mutual Information Analysis of Collective Behavior in Slime Mold Model'. *Advances in Soft Computing*, 29: 316–323.
- Oberholzer, Michael, Miguel A. Lopez, Bryce T. McLelland and Kent L. Hill. 2010. 'Social Motility in African Trypanosomes'. *PLOS Pathogens*, 6 (1): 1–8.
- O'Neill, Daniel I. 2007. 'John Adams versus Mary Wollstonecraft on the French Revolution and Democracy'. *Journal of the History of Ideas*, 68 (3): 451–476.
- Paine, Phil and Steve Muhlberger. 1993. 'Democracy's Place in World History'. *Journal of World History*, 4 (1): 23–45.
- Papanikolaou, Aristotle. 2003. 'Byzantium, Orthodoxy, and Democracy'. *Journal of the American Academy of Religion*, 71 (1): 75–98.
- Parpola, S. 2000. 'The Mesopotamian Soul of Western Culture'. *Bulletin of the Canadian Society for Mesopotamian Studies*, 35: 29–34.
- Pateman, Carole. 2012. 'Participatory Democracy Revisited'. *Perspectives on Politics*, 10 (1): 7–19.
- Pezzaglia, William M. 1999. 'Dimensionally Democratic Calculus and Principles of Polydimensional Physics'. *Proceedings of the 5th*

- International Conference on Clifford Algebras and their Applications in Mathematical Physics*, Ixtapa-Zihuatanejo, 27 June– 4 July.
- Prins, H. H. T. 1996. *Ecology and Behaviour of the African Buffalo: Social Inequality and Decision Making*. London: Chapman and Hall.
- Pritchard, David. 2010. *War, Democracy, and Culture in Classical Athens*. Cambridge, UK: Cambridge University Press.
- Pross, Addy. 2011. 'Toward a General Theory of Evolution: Extending Darwinian Theory to Inanimate Matter'. *Journal of Systems Chemistry*, 2 (1): 1–14.
- Rador, Tonguç. 2005. 'Vibrating Winding Branes, Wrapping Democracy and Stabilization of Extra Dimensions in Dilaton Gravity'. *Journal of High Energy Physics*, 6: 1–11.
- Raflaub, Kurt A., Josiah Ober and Robert Wallace. 2007. *Origins of Democracy in Ancient Greece*. Los Angeles: University of California Press.
- Randerson, James. 2003. 'Together We Are Stronger'. *New Scientist*, 177 (2386): S1.
- Rapeli, Lauri. 2012. 'What Should the Citizen Know About Politics? Two Approaches to the Measurement of Political Knowledge'. *Journal of Democratic Theory* [forthcoming].
- Rapeli, Lauri. 2013. *The Conception of Citizen Knowledge in Democratic Theory*. Basingstoke, UK: Palgrave Macmillan [forthcoming].
- Raveling, D. G. 1969. 'Pre-flight and Flight Behavior of Canada Geese'. *The Auk*, 86: 671–681.
- Reader, S. M., J. R. Kendal and K. N. Laland. 2003. 'Social Learning of Foraging Sites and Escape Routes in Wild Trinidadian Guppies'. *Animal Behaviour*, 66: 729–739.
- Reichardt, Rolf. 1994. "‘Im namen der Frankenrepublik’ aux origines d’une culture démocratique en Allemagne [“In the Name of the Republic of France”: the Origins of a Democratic Culture in Germany]". *Annales historiques de la Révolution française* [Historical Annals of the French Revolution], 66 (296): 235–255.
- Reinhardt, V., A. Reinhardt and D. Houser. 1987. 'Prompted Progression Order in a Troop of Captive Rhesus-Monkeys'. *Folia Primatologica*, 48: 121–124.
- Rendell, Luke and Hal Whitehead. 2001. 'Culture in Whales and Dolphins'. *Behavioral and Brain Sciences*, 24 (2): 309–324.
- Reuven, Peter and Avigdor Eldar. 2011. 'Macromotives and Microbehaviors: the Social Dimension of Bacterial Phenotypic Variability'. *Current Opinion in Genetics & Development*, 21 (6): 759–767.

- Roach, Kate. 2011. 'Let's Stick Together'. *New Scientist*, 211 (2830): 52–55.
- Robinson, Donald L. 2011. *Town Meeting: Practicing Democracy in Rural New England*. Boston, MA: University of Massachusetts Press.
- Roe, Bjorn. 2002. 'The Good, the Bad and the Evil Athens: Quality of Life in Cities'. *Ekistics*, 69 (412–414): 123–130.
- Rosati, Alexandra G. and Brian Hare. 2012. 'Decision Making across Social Contexts: Competition Increases Preferences for Risk in Chimpanzees and Bonobos'. *Animal Behaviour*, 84 (4): 869–879.
- Rumsey, Clifton C. and L. F. Abbott. 2006. 'Synaptic Democracy in Active Dendrites'. *Journal of Neurophysiology*, 96 (5): 2307–2318.
- Russell, Eleanor and Ian Rowley. 2000. 'Demography and Social Organization of the Red-Winged Fairy-Wren, *Malurus elegans*'. *Australian Journal of Zoology*, 48 (2): 161–200.
- Ryder, Thomas B., David B. McDonald, John G. Blake, Patricia G. Parker and Bette A. Loiselle. 2008. 'Social Networks in the Lek-Mating Wire-Tailed Manakin (*Pipra filicauda*)'. *Proceedings of the Royal Society B – Biological Sciences*, 275 (1641): 1367–1374.
- Sader, Emir. 2010. 'Vivir la revolución [Living the Revolution]'. *Revista Internacional de Filosofía Iberoamericana y Teoría Social [International Latin American Review of Philosophy and Social Theory]*. 15 (43): 97–100.
- Sakai, Mai, Ding Wang, Kexiong Wang, Songhai Li and Tomonari Akamatsu. 2011. 'Do Porpoises Choose Their Associates? A New Method for Analyzing Social Relationships among Cetaceans'. *PLOS One*, 6 (12): 1–8.
- Sakakura, Yoshitaka and Katsumi Tsukamoto. 1999. 'Ontogeny of Aggressive Behaviour in Schools of Yellowtail, *Seriola quinqueradiata*'. *Environmental Biology of Fishes*, 56 (1–2): 231–242.
- Saward, Michael. 2003. *Democracy*. Cambridge, UK: Polity Press.
- Saward, Michael (ed.) 2006. *Democracy*. London: Routledge.
- Schärer, Lukas, D. Timothy J. Littlewood, Andrea Waeschenbach, Wataru Yoshida and Dita B. Vizoso. 2011. 'Mating Behavior and the Evolution of Sperm Design'. *Proceedings of the National Academy of Science USA*, 108 (4): 1490–1495.
- Schemeil, Yves. 2000. 'Democracy before Democracy?' *International Political Science Review*, 21 (2): 99–120.
- Schwartz, Christine Patrice. 2010. 'Neurobiology of Bat Vocal Behavior'. Doctoral Dissertation. Texas A&M University, USA.

- Seeley, Thomas. 2011. *Honeybee Democracy*. Princeton, NJ: Princeton University Press.
- Seeley, Thomas and Jean-Paul Gagnon. 2013. 'Nonhuman Democratic Practice.' In Jean-Paul Gagnon *Democratic Theorists in Conversation: Turns in Contemporary Thought*. Basingstoke, UK: Palgrave Macmillan.
- Selg, Peeter. 2012. 'Justice and Liberal Strategy: Towards a Radical Democratic Reading of Rawls.' *Social Theory and Practice*, 38 (1): 83–114.
- Segre, Gavriel. 2010. 'Quantum Democracy Is Possible.' Version two of a working paper. Online source: <http://arxiv.org/pdf/0806.3667v4.pdf>. Last accessed 12/12/2012.
- Sissa, Giulia. 2012. 'Democracy: A Persian Invention?' *Mètis: Anthropologie des mondes grecs anciens*, 10: 227–261.
- Smukalla, Scott, Marina Caldara, Nathalie Pochet, Anne Beauvais, Stephanie Guadagnini, Chen Yan, Marcelo D. Vincens, An Jansen, Marie Christine Prevost, Jean-Paul Latgé, Gerald R. Fink, Kevin R. Foster and Kevin J. Verstreppen. 2008. 'FLO1 Is a Variable Green Beard Gene that Drives Biofilm-like Cooperation in Budding Yeast.' *Cell*, 135 (4): 726–737.
- Sterratt, David C. and Arjen van Ooyen. 2004. 'Does a Dendritic Democracy Need a Ruler?' *Neurocomputing*, 58–60: 437–442.
- Stockwell, Stephen. 2011. 'Engaging Secret Democracy Before and After Athens.' *Journal of Democratic Theory*, 2 (1).
- Sultansoy, Saleh. 2006. 'Flavor Democracy in Particle Physics.' *Invited Presentation at the Sixth International Conference of the Balkan Physical Union*, August 22–26, Istanbul, Turkey.
- Tebes, Juan Manuel. 2007. 'Assyrians, Judeans, Pastoral Groups, and the Trade Patterns in the Late Iron Age Negev.' *History Compass*, 5 (2): 619–631.
- Thomas, Gordon K. 1990. 'Common Dawn? Wordsworth and the Philosophy of Democracy.' *Neophilologus*, 74 (2): 310–317.
- Tilly, Charles. 2007. *Democracy*. Cambridge, UK: Cambridge University Press.
- Tóth, Zoltán, Veronika Bókonyi, Ádám Z. Lendvai, Krisztián Szabó, Zsolt Péntzes and András Liker. 2009. 'Whom Do the Sparrows Follow? the Effect of Kinship on Social Preference in House Sparrow Flocks.' *Behavioural Processes*, 82 (2): 173–177.

- Tribe, Laurence H. 1989. 'The Curvature of Constitutional Space: What Lawyers Can Learn From Modern Physics'. *Harvard Law Review*, 103 (1): 1–39.
- Ugarte, Ignacio Cremades. 2009. 'La contrautopía nacionalista de Baroja, la República del Bidasoa [The Nationalistic Contra-Utopia of Baroja, the Republic of the Bidasoa]'. *Cuadernos de Historia del Derecho* [Notebooks on the History of Law], 16: 7–35.
- Urbinati, Nadia. 2010. 'Unpolitical Democracy'. *Political Theory*, 38 (1): 65–92.
- Urry, John. 2006. 'Complexity'. *Theory, Culture and Society*, 23 (2–3): 111–115.
- Villareal, Luis P. 2009. *Origin of Group Identity: Viruses, Addiction and Cooperation*. International: Springer.
- Waal, Frans B. M. de. 1995. 'Bonobo Sex and Society: the Behaviour of a Close Relative Challenges Assumptions about Male Supremacy in Human Evolution'. *Scientific American*, 272 (3): 82–88.
- Waal, Frans B. M. de. 1997. 'Bonobo Dialogues'. *Natural History*, 106 (4): 22–25.
- Waddell, David R. and Günter Vogel. 1985. 'Phagocytic Behaviour Or the Predatory Slime Mould, *Dictyostelium caveatum*: Cell Nibbling'. *Experimental Cell Research*, 159 (2): 323–334.
- Wollstonecraft, Mary. 1795. *An Historical and Moral View of the French Revolution; and the Effect it Has Produced in Europe*. London, UK: Printed for J. Johnson in St. Paul's Churchyard.
- Ward, Michael P. and Arlo Raim. 2011. 'The Fly-and-Social Foraging Hypothesis for Diurnal Migration: Why American Crows Migrate during the Day'. *Behavioural Ecology and Social Biology*, 65 (7): 1411–1418.
- Wascher, Claudia A. F., Georgine Szipl, Markus Boeckle and Anna Wilkinson. 2012. 'You Sound Familiar: Carrion Crows Can Differentiate between the Calls of Known and Unknown Heterospecifics'. *Animal Cognition*, 15 (5): 1015–1019.
- Weale, Albert. 2007. *Democracy*. 2nd edn. Basingstoke, UK: Palgrave Macmillan.
- Weale, Albert and Jean-Paul Gagnon. 2013. 'The Changing History of Democracy'. In Jean-Paul Gagnon *Democratic Theorists in Conversation: Turns in Contemporary Thought*. Basingstok, UK: Palgrave Macmillan.

- Weitman, Sasha Reinhard. 1968. 'Bureaucracy, Democracy and the French Revolution.' PhD Thesis. Washington University, USA.
- Welch, G. Rickey and Tamás Keleti. 1987. 'Is Cell Metabolism Controlled by a "Molecular Democracy" or by a "Supramolecular Socialism"?' *Trends in Biochemical Sciences*, 12: 216–217.
- Whitman, John. 2010. 'Brother Sperm Train Together'. *Nature.com*. Online source: <http://www.nature.com/news/2010/100120/full/news.2010.22.html>. Last accessed: 20/12/2012.
- Wingenbach, Ed. 2011. *Institutionalizing Agonistic Democracy: Post-Foundationalism and Political Liberalism*. Farnham, UK: Ashgate.
- Woese, C. 1998. 'The Universal Ancestor'. *Proceedings of the National Academy of Science USA*, 95: 6854–6859.
- Wood, Gordon. 1969. *The Creation of the American Republic 1776–1787*. New York: Norton Press.
- Wright, Quincy. 1949. 'Philosophical Inquiry into Current Ideological Conflicts: The Meaning of Democracy'. *United Nations Educational, Scientific and Cultural Organization*. Paris, 10 March.
- Würsig, Bernd. 1988. 'The Behavior of Baleen Whales'. *Scientific American*, 258 (4): 102–107.
- Yao, Yurong and Lisa Murphy. 2007. 'Remote Electronic Voting Systems: An Exploration of Voters' Perceptions and Intention to Use'. *European Journal of Information Systems*, 16 (2): 106–120.
- Yosida, Shigeto and Kazuo Okanoya. 2009. 'Naked Mole-Rat is Sensitive to Social Hierarchy Encoded in Antiphonal Vocalization'. *Ethology*, 115 (9): 823–831.
- Young, Iris Marion. 2002. *Inclusion and Democracy*. Oxford, UK: Oxford University Press.

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