# References

Allen, Gary. 'Spatial Abilities, Cognitive Maps, and Wayfinding: Bases for Individual Differences in Spatial Cognition and Behavior'. In *Wayfinding Behavior: Cognitive Mapping and Other Spatial Processes,* edited by Reginald George Golledge, 46–80. Baltimore: Johns Hopkins University Press, 1999.

Anderson, Gemma. 'On Drawing as a Way of Knowing'. In *Drawing as a Way of Knowing in Art and Science,* 3–27. Bristol: Intellect, 2017.

Barad, Karen. *Meeting the Universe Halfway: Quantum Physics and the Entanglement of Matter and Meaning.* Durham, NC: Duke University Press, 2007.

———. 'Diffracting Diffraction: Cutting Together-Apart'. *Parallax* 20, no. 3 (2014): 168–87. https://doi.org/10.1080/13534645.2014.927623.

Bennett, Jane. 'Powers of the Hoard: Further Notes on Material Agency'. In *Animal, Vegetable, Mineral: Ethics and Objects,* edited by Jeffrey Jerome Cohen, 237–69. Washington, DC: Oliphaunt Books, 2012.

Berger, David Nathaniel, Nikita Bulanin, Lola García-Alix, Marianne Wiben Jensen, Signe Leth, Ena Alvarado, Dwayne Mamo, et al. '2 IWGIA – The Indigenous World – 2024'. Copenhagen: International Work Group for Indigenous Affairs (IWGIA), 2024.

Bergman, Ingela, and Lars Östlund. 'A Sacred Tree in the Boreal Forest: A Narrative about a Sámi Shaman, Her Tree, and the Forest Landscape'. *Human Ecology* 50, no. 6 (2022): 1023–33. https://doi.org/10.1007/s10745-022-00365-x.

Causey, Andrew. *Drawn to See: Drawings as an Ethnographic Method.* Toronto: University of Toronto Press, 2017.

Charmaz, Kathy. *Constructing Grounded Theory: A Practical Guide through Qualitative Analysis.* London: SAGE, 2006.

Coccia, Emanuele. *The Life of Plants: A Metaphysics of Mixture.* Cambridge: Polity, 2019.

Cross, Nigel. 'Design Research: A Disciplined Conversation'. *Design Issues* 15, no. 2 (1999): 5–10.

———. 'Designerly Ways of Knowing: Design Discipline Versus Design Science'. *Design Issues* 17, no. 3 (2001): 49–55. https://doi.org/10.1162/074793601750357196.

Crouzat, Emilie, Isabelle Arpin, Lucas Brunet, Matthew J. Colloff, Francis Turkelboom, and Sandra Lavorel. 'Researchers Must Be Aware of Their Roles at the Interface of Ecosystem Services Science and Policy'. *Ambio* 47, no. 1 (February 1, 2018): 97. https://doi.org/10.1007/s13280-017-0939-1.

Cunha, Filipe C. R., and Michael Griesser. 'Who Do You Trust? Wild Birds Use Social Knowledge to Avoid Being Deceived'. *Science Advances* 7, no. 22 (2021): 1–6. https://doi.org/10.1126/sciadv.aba2862.

Dance, Amber. 'Art Graft: Putting an "A" into "STEMM"'. *Nature* 590 (2021): 351–53.

Daston, Lorraine, and Peter Galison. 'The Image of Objectivity'. *Representations* 40, no. 1 (1992): 81–128.

———. *Objectivity.* New York: Zone Books, 2010.

Despret, Vinciane. *What Would Animals Say If We Asked the Right Questions?* Minneapolis: University of Minnesota Press, 2016.

Diefenthaler, Annette. 'Problemsolving'. In *Design Dictionary: Perspectives on Design Terminology,* edited by Michael Erlhoff and Tim Marshall, 307–8. Basel: Birkhäuser, 2007.

Dippel, Anne. 'The Big Data Game: On the Ludic Constitution of the Collaborative Production of Knowledge in High-Energy Physics at CERN'.

*Naturwissenschaften, Technik und Medizin* 25, no. 4 (2017): 485–517.

Dobler, Judith. 'Collaborative Imaging: The Communicative Practice of Hand Sketching in Experimental Physics'. In *Proceedings of DRS 2016: Future – Focused Thinking, Vol. 3, Sec. 5 Aesthetics, Cosmopolitics and Design,* 997–1011. Design Research Society, 2016.

———. 'Drawing Together: Collaborative Design Practices in Experimental Physics'. In *Nordes: Design + Power*. Nordes, 2017.

———. '"Flatten the Curve": The Performative Embodiment of Image, Speech, and Gestures in Scientific Communication from a Design Research Perspective'. In *NERD – New Experimental Research in Design 2,* 24–35. Basel: Birkhäuser, 2021. https://www.degruyterbrill.com/document/doi/10.1515/9783035623666-003/html.

———. 'Collaborative Drawing as Knowledge Practice'. In *Approaches to Drawing in Architectural and Urban Design,* edited by F. Colonnese, N. Grancho, and R. Schaeverbeke, 489–504. Newcastle upon Tyne: Cambridge Scholars Publishing, 2024.

Drucker, Johanna. 'Graphesis: Visual Knowledge Production and Representation'. *Poetess Archive Journal* 2, no. 1 (2011). https://paj-ojs-tamu.tdl.org/paj/article/view/4.

———. *Graphesis: Visual Forms of Knowledge Production*. Cambridge, MA: Harvard University Press, 2014.

Fleck, Ludwik. *Genesis and Development of a Scientific Fact*. Chicago: University of Chicago Press, 1979.

Flick, Uwe. *Qualitative Sozialforschung: Eine Einführung*. Reinbek bei Hamburg: Rowohlt Taschenbuch Verlag, 2017.

Frank, Adam, Marcelo Gleiser, and Evan Thompson. *The Blind Spot: Why Science Cannot Ignore Human Experience*. Cambridge, MA: The MIT Press, 2024.

Frayling, Christopher. 'Research in Art and Design'. *Royal College of Art Research Papers* 1, no. 1 (1993): 1–5.

Frow, Emma K. 'Drawing a Line: Setting Guidelines for Digital Image Processing in Scientific Journal Articles'. *Social Studies of Science* 42, no. 3 (2012): 369–92.

Galison, Peter. 'Objectivity Is Romantic'. In *Humanities and the Sciences,* edited by Jerome Friedman, Peter Galison, and Susan Haack, 15–43. New York: ACLS, 2000.

Gansterer, Nicolas. *Drawing a Hypothesis: Figures of Thought*. Edited by Gerald Bast. Vienna/New York: Springer, 2011.

Geertz, Clifford. *The Interpretation of Cultures*. New York: Basic Books, 1973.

Geismar, Haidy. 'Drawing It Out'. *Visual Anthropology Review* 30, no. 2 (2014): 97–113.

Gell, Alfred. 'How to Read a Map: Remarks on the Practical Logic of Navigation'. *Man* 20, no. 2 (1985): 271–86.

Goodman, Nelson. *Ways of Worldmaking*. Brighton: Harvester Press, 1978.

Goodwin, Charles. 'The Blackness of Black: Color Categories as Situated Practice'. In *Discourse, Tools and Reasoning: Essays on Situated Cognition,* edited by Lauren B. Resnick, Roger Säljö, Clotilde Pontecorvo, and Barbara Burge, 111–40. New York: Springer, 1997.

Gould, John. *The Birds of Australia*. London: Richard and John E. Taylor, 1848.

Grasseni, Cristina. 'Skilled Vision: An Apprenticeship in Breeding Aesthetics'. *Social Anthropology* 12, no. 1 (2004): 41–55.

———. 'Skilled Visions: Toward an Ecology of Visual Inscriptions'. In *Made to Be Seen: Perspectives on the History of Visual Anthropology,* edited by Marcus Banks and Jay Ruby, 19–44. Chicago: University of Chicago Press, 2007.

———. *Skilled Visions: Between Apprenticeship and Standards*. Edited by Cristina Grasseni. New York; Oxford: Berghahn Books, 2009.

———. 'Conference on Neuroesthetics – Seeing Knowing: Vision, Knowledge, Cognition, and Aesthetics'. In *Skilled Visions: Ecologies of Belonging and Sensorial Apprenticeship*. School of Optometry and Vision Science Program, University of California, 2014.

———. 'Beauty as Skill and "Common Sensing"'. In *Anthropology and Beauty: From Aesthetics to Creativity*, edited by Stephanie Bunn. London: Routledge, Taylor & Francis Group, 2018.

Grasseni, Cristina, and Thorsten Gieser. 'Introduction: Skilled Mediations'. *Social Anthropology* 27, no. 1 (2019): 6–16.

Griesser, Michael. 'Referential Calls Signal Predator Behavior in a Group-Living Bird Species'. *Current Biology* 18, no. 1 (2008): 69–73. https://doi.org/10.1016/j.cub.2007.11.069.

———. 'Do Warning Calls Boost Survival of Signal Recipients? Evidence from a Field Experiment in a Group-Living Bird Species'. *Frontiers in Zoology* 10, no. 1 (2013). https://doi.org/10.1186/1742-9994-10-49.

Griesser, Michael, and Jan Ekman. 'Nepotistic Alarm Calling in the Siberian Jay, *Perisoreus Infaustus*'. *Animal Behaviour* 67, no. 5 (2004): 933–39. https://doi.org/10.1016/j.anbehav.2003.09.005.

Griesser, Michael, Peter Halvarsson, Szymon M. Drobniak, and Carles Vilà. 'Fine-Scale Kin Recognition in the Absence of Social Familiarity in the Siberian Jay, a Monogamous Bird Species'. *Molecular Ecology* 24, no. 22 (2015): 5726–38. https://doi.org/10.1111/mec.13420.

Griesser, Michael, and Sarah Lagerberg. 'Long-Term Effects of Forest Management on Territory Occupancy and Breeding Success of an Open-Nesting Boreal Bird Species, the Siberian Jay'. *Forest Ecology and Management,* no. 271 (2012): 58–64.

Grimshaw, Anna, and Amanda Ravetz. 'Drawing with a Camera? Ethnographic Film and Transformative Anthropology'. *Journal of the Royal Anthropological Institute* 21, no. 2 (2015): 255–75.

Guggenheim, Michael. 'The Media of Sociology: Tight or Loose Translations?' *British Journal of Sociology* 66, no. 2 (2015): 345–72.

Hadfield, Michael G., and Donna J. Haraway. 'The Tree Snail Manifesto'. *Current Anthropology* 60, no. 20 (2019): S209–35.

Haraway, Donna. 'Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspective'. *Feminist Studies* 14, no. 3 (1988): 575–99.

———. 'The Promises of Monsters: A Regenerative Politics for Inappropriate/d Others'. In *The Haraway Reader,* 63–124. New York: Routledge, 1992.

———. *When Species Meet*. Minneapolis: University of Minnesota Press, 2008.

———. *Staying with the Trouble: Making Kin in the Chthulucene*. Durham, NC: Duke University Press, 2016.

Harding, Wendy. 'Anna Tsing, Heather Swanson, Elaine Gan, Nils Bubandt (Eds.), Arts of Living on a Damaged Planet: Ghosts and Monsters of the Anthropocene'. *Miranda,* no. 16 (2018): 0–5. https://doi.org/10.4000/miranda.11648.

Hoffmann, Christoph, and Alexandre Métraux. 'Working with Instruments: Ernst Mach as Material Epistemologist, a Short Introduction'. *Science in Context* 29, no. 4 (2016): 429–33.

Hoffmann, Christoph, and Barbara Wittmann. 'Introduction: Knowledge in the Making: Drawing and Writing as Research Techniques'. *Science in Context* 26, no. 2 (2013): 203–13.

Howes, David. *Sensual Relations: Engaging the Senses in Culture and Social Theory*. Ann Arbor: University of Michigan Press, 2003.

Hugentobler, Hans Kaspar, Claudia Mareis, Franziska Nyffenegger, Ulrike Reichhardt, and Philip Zerweck. *Designwissenschaft und Designforschung: Ein Einführender Überblick*. Luzern: Hochschule Luzern, 2010.

Ingold, Tim. 'The Temporality of the Landscape'. *World Archaeology* 25, no. 2 (1993): 152–74.

———. *Lines: A Brief History*. New York: Routledge, 2007.

———. *Making: Anthropology, Archaeology, Art and Architecture*. New York: Routledge, 2013.

———. *The Life of Lines*. New York: Routledge, 2015.

———. *The Perception of the Environment: Essays on Livelihood, Dwelling and Skill*. New York: Routledge, 2000.

Ingold, Tim, and Mike Anusas. 'Designing Environmental Relations: From Opacity to Textility'. *Design Issues* 29, no. 4 (2013): 58–69. https://doi.org/10.1162/DESI_a_00230.

Istomin, Kirill V., and Mark J. Dwyer. 'Finding the Way: A Critical Discussion of Anthropological Theories of Human Spatial Orientation with Reference to Reindeer Herders of Northeastern Europe and Western Siberia'. *Current Anthropology* 50, no. 1 (2009): 29–49.

Jorgensen, Danny L. *Participant Observation: A Methodology for Human Studies*. Thousand Oaks, CA: Sage Publications, 1989.

Kammer, Stephan, Markus Klammer, Armin Schäfer, Richard Shiff, Jutta Voorhoeve, and Barbara Wittmann, editors. *Spuren Erzeugen: Zeichnen und Schreiben als Verfahren der Selbstaufzeichnung*. Zürich/Berlin: diaphanes, 2009.

Kappeler, Peter M. *Verhaltensbiologie*. Göttingen: Springer Spektrum, 2020.

Kimmerer, Robin Wall. *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge and the Teachings of Plants*. Minneapolis: Milkweed Editions, 2013.

Knorr-Cetina, Karin. *Epistemic Cultures: How the Sciences Make Knowledge*. Cambridge, MA: Harvard University Press, 1999.

Kohn, Eduardo. *How Forests Think: Toward an Anthropology Beyond the Human*. Los Angeles: University of California Press, 2013.

Krauthausen, Karin. 'Vom Nutzen des Notierens, Verfahren des Entwurfs.' In *Notieren, Skizzieren. Schreiben und Zeichnen als Verfahren des Entwurfs,* edited by Karin Krauthausen and Omar W. Nasim, 7–26. Zürich/Berlin: diaphenes, 2010.

Krauthausen, Karin, Stephan Kammer, Rüdiger Campe, Omar W. Nasim, and Ralph Ubl, editors. *Notieren, Skizzieren, Schreiben und Zeichnen als Verfahren des Entwurfs*. Zürich/Berlin: diaphanes, 2010.

Latour, Bruno. 'Visualisation and Cognition: Drawing Things Together'. In *Knowledge and Society: Studies in the Sociology of Culture Past and Present: A Research Annual, Vol. 5, 1984,* edited by Henrika Kuklich and Elizabeth Long, 1–40. Greenwich, CT: JAI Press, 1984.

———. 'Circulating Reference: Sampling the Soil in the Amazon Forest'. In *Pandora's Hope: Essays on the Reality of Science Studies,* 24–79. Cambridge, MA: Harvard University Press, 1999.

———. 'The "Topofil" of Boa Vista: A Photo-Philosophical Montage'. In *Pandora's Hope: Essays on the Reality of Science Studies,* edited by Bruno Latour, 24–79. Cambridge, MA: Harvard University Press, 1999.

———. 'Drawing Things Together: Die Macht der Unveränderlich Mobilen Elemente'. In *ANThology: Ein Einführendes Handbuch zur Akteur-Netzwerk-Theorie,* edited by Andréa Belliger and David J. Krieger, 259–307. Zürich/Berlin: transcript Verlag, 2006.

———. 'The More Manipulations the Better'. In *New Representation in Scientific Practice,* edited by Catelijne Coopmans, Michael Lynch, Janet Vertesi, and Steve Woolgar, 347–50. Cambridge, MA: MIT Press, 2014.

———. *Down to Earth: Politics in the New Climatic Regime*. Cambridge, UK: Polity, 2018.

Latour, Bruno, and Steve Woolgar. *Laboratory Life: The Construction of Scientific Facts*. Edited by Jonas Salk. Princeton, NJ: Princeton University Press, 1979.

———. *Laboratory Life: The Construction of Scientific Facts,* 2nd ed. 1986. https://www.jstor.org/stable/j.ctt32bbxc.

Layton-Matthews, Kate, Arpat Ozgul, and Michael Griesser. 'The Interacting Effects of Forestry and Climate Change on the Demography of a Group-Living Bird Population'. *Oecologia* 186, no. 4 (2018): 907–18. https://doi.org/10.1007/s00442-018-4100-z.

Le Guin, Ursula K. 'The Carrier Bag Theory of Fiction'. In *The Ecocriticism Reader: Landmarks in Literary Ecology,* 149–54. Athens, GA: University of Georgia Press, 1996.

Lindgren, Folke. 'Iakttagelser Rörande Lavskrikan *(Perisoreus Infaustus)* Huvudsakligen Dess Häckningsbiologi'. *Fauna och Flora* 70 (1975): 193–232.

Lowenhaupt Tsing, Anna. *The Mushroom at the End of the World: On the Possibility of Life in Capitalist Ruins*. Princeton, NJ: Princeton University Press, 2015.

Manceron, Vanessa. *Wild and Wonderful: An Ethnography of English Naturalists*. Translated by Michael Taylor. HAU, 2025. https://press.uchicago.edu/ucp/books/book/distributed/W/bo239333429.html.

Marder, Michael. *Plant-Thinking: A Philosophy of Vegetal Life*. New York: Columbia University Press, 2013.

———. 'For a Phytocentrism to Come'. *Environmental Philosophy* 11, no. 2 (2014): 237–52. https://doi.org/10.5840/envirophil20145110.

Mareis, Claudia. *Design als Wissenskultur: Interferenzen zwischen Design- und Wissensdiskursen seit 1960*. Bielefeld: Transcript, 2011.

Mareis, Claudia, Christof Windgätter, Paul Feyerabend, John Law, Knut Ebeling, Stefan Wellgraf, Anja Schwanhäußer, et al. *Wild Thing. Unordentliche Prozesse in Design und Wissenschaft*. Edited by Claudia Mareis and Christof Windgätter. Berlin: Kulturverlag Kadmos, 2019.

Margulis, Lynn. *The Symbiotic Planet: A New Look At Evolution*. New York: Phoenix, 1998.

Martin, Paul, and Patrick Bateson. *Measuring Behaviour: An Introductory Guide*. Cambridge: Cambridge University Press, 2007.

Mauss, Marcel. 'Techniques of the Body'. In *Journal de Psychologie Normal et Pathologique,* edited by Marcel Mauss, 271–93. London: Routledge, 1935.

Maye, Harun. 'Was Ist Eine Kulturtechnik?' *Zeitschrift für Medien und Kulturforschung,* no. Heft 1 (2010): 121–35.

Merz, Martina. 'Bildkomplexe als Geschichten: Naturwissenschaftler erzählen'. In *Erzählen in den Wissenschaften.* Fribourg: Academic Press Fribourg, 2009.

Merz, Martina, and Inge Hinterwaldner. 'Neue Bilder, Modelle und Simulationen: Zwischen Repräsentativität und Produktivität'. In *Handbuch Wissenschaftssoziologie,* edited by Sabine Maasen, Mario Kaiser, Martin Reinhart, and Barbara Sutter, 303–16. Wiesbaden: Springer, 2012.

Mitchell, Claudia, Linda Theron, Ann Smith, and Jean Stuart. 'Picturing Research'. In *Picturing Research,* 1–16. Rotterdam: SensePublishers, 2011. https://doi.org/10.1007/978-94-6091-596-3_1.

Morton, Timothy. *Dark Ecology: For a Logic of Future Coexistence.* New York: Columbia University Press, 2016.

Mundy, Rachel. 'Birdsong and the Image of Evolution'. *Society & Animals* 17, no. 3 (2009): 206–23. https://doi.org/10.1163/156853009X445389.

Nasim, Omar W. 'Extending the Gaze: The Temporality of Astronomical Paperwork'. *Science in Context* 26, no. 2 (2013): 247–77. https://doi.org/10.1017/S0269889713000057.

Niehaus, Amanda C. 'Tell the Stories in Your Science'. *Nature* 557 (2018): 269.

Nystrand, Magdalena, Michael Griesser, Sönke Eggers, and Jan Ekman. 'Habitat-Specific Demography and Source-Sink Dynamics in a Population of Siberian Jays'. *Journal of Animal Ecology* 79, no. 1 (2010): 266–74.

Offenhuber, Dietmar. 'Data by Proxy: Material Traces as Autographic Visualizations'. *IEEE Transactions on Visualization and Computer Graphics* 26, no. 1 (2020): 98–108. https://doi.org/10.1109/TVCG.2019.2934788.

———. 'Dis/Entangling Perspectives in Material Research'. In *Data Autographies: A Material Perspective on Data Visualization and Evidence Construction.* Online publication, Matter of Activity: Humboldt University Berlin, 2022. https://www.matters-of-activity.de/en/activities/6386/dis-entangling-perspectives-in-material-research.

O'Reilly, Karen. *Ethnographic Methods.* New York: Routledge, 2005. https://doi.org/10.4324/9780203864722.

Pink, Sarah. 'Doing Sensory Ethnography'. In *Doing Sensory Ethnography,* 7–23, London: SAGE Publications, 2009. https://doi.org/10.4135/9781446249383.n2.

Polanyi, Michael, and Amartya Sen. *The Tacit Dimension.* Chicago: University of Chicago Press, 2006.

Pötzsch, Frederik S., and Bernt Schnettler. 'Visuelles Wissen'. *Handbuch Wissenssoziologie und Wissensforschung,* 2007.

Renger, Almut-Barbara, Christoph Wulf, Jan Ole Bangen, and Henriette Hanky. 'Körperwissen: Transfer und Innovation'. *Paragrana* 25, no. 1 (2016): 13–19.

Rheinberger, Hans-Jörg. 'Experimentalsysteme: Differenz, Graphematizität, Konjunktur'. In *Experiment, Differenz, Schrift. zur Geschichte Epistemischer Dinge,* 21–32. Basilisken-Presse, 1992.

———. 'Toward a History of Epistemic Things: Synthesizing Proteins in the Test Tube'. *Historical Studies in the Physical and Biological Sciences* 27, no. 2 (1997): 325.

Rillig, Matthias C., and Karine Bonneval. 'The Artist Who Co-Authored a Paper and Expanded My Professional Network', *Nature,* 27 February (2020): 1–8.

Rouse, Joseph. 'Barad's Feminist Naturalism'. *Hypatia* 19, no. 1 (2004): 142–61. https://doi.org/10.1353/hyp.2004.0012.

Schön, Donald A. *The Reflective Practitioner: How Professionals Think in Action.* Edited by Donald A. Schön. New York: Basic Books, 1983.

Sheldrake, Merlin. *Entangled Life: How Fungi Make Our Worlds, Change Our Minds, and Shape Our Futures.* London: The Bodley Head, 2020.

Simon, Herbert A. *The Sciences of the Artificial.* Edited by Herbert A. Simon. Vol. 33. Cambridge, MA: MIT Press, 1997.

Soga, Masashi, and Kevin J. Gaston. 'Extinction of Experience among Ecologists'. *Trends in Ecology & Evolution* 40, no. 3 (March 2025): 212–15. https://doi.org/10.1016/j.tree.2024.12.010.

Taussig, Michael. *Mimesis and Alterity: A Particular History of the Senses.* New York: Routledge, 1993.

———. 'What Do Drawings Want?' *Culture, Theory and Critique* 50, no. 2–3 (2009): 263–74.

———. *I Swear I Saw This: Drawings in Fieldwork Notebooks, Namely My Own.* Chicago: University of Chicago Press, 2011.

Thyssen, Geert, and Ian Grosvenor. 'Learning to Make Sense: Interdisciplinary Perspectives on Sensory Education and Embodied Enculturation'. *The Senses and Society* 14, no. 2 (2019): 119–30. https://doi.org/10.1080/17458927.2019.1621487.

Thyssen, Geert, and Karin Priem. 'Mobilising Meaning: Multimodality, Translocation, Technology and Heritage'. *Paedagogica Historica* 49, no. 6 (2013): 735–44. https://doi.org/10.1080/00309230.2013.848912.

Torp, Eivind. 'The Legal Basis of Sami Reindeer Herding Rights in Sweden'. *Arctic Review on Law and Politics* 1, no. 4 (2013): 43–61.

Tsing, Anna. 'When the Things We Study Respond to Each Other: Tools for Unpacking "the Material"'. In *Anthropos and the Material,* edited by Penny Harvey, Christian Krohn-Hansen, and Knut G. Nustad, 221–43. Durham, NC: Duke University Press, 2019.

Tsing, Anna Lowenhaupt, Andrew S. Mathews, and Nils Bubandt. 'Patchy Anthropocene: Landscape Structure, Multispecies History, and the Retooling of Anthropology: An Introduction to Supplement 20'. *Current Anthropology* 60, no. S20 (2019): S186–97. https://doi.org/10.1086/703391.

Turner, Sally, and Joseph Leydon. 'Improving Geographic Literacy among First-Year Undergraduate Students: Testing the Effectiveness of Online Quizzes'. *Journal of Geography* 111, no. 2 (2012): 54–65. https://doi.org/10.1080/00221341.2011.583263.

Van Dooren, Thom. *Flight Ways: Life and Loss at the Edge of Extinction.* Critical Perspectives on Animals: Theory, Culture, Science, and Law. New York: Columbia University Press, 2016.

Voss, Julia. *Darwins Bilder: Ansichten der Evolutionstheorie 1837–1874.* Berlin: Fischer Taschenbuch Verlag, 2007.

Whitehouse, Andrew. 'Listening to Birds in the Anthropocene: The Anxious Semiotics of Sound in a Human-Dominated World'. *Environmental Humanities* 6 (2015): 53–71.

Willerslev, Rane. 'Not Animal, Not Not-Animal: Hunting, Imitation and Empathetic Knowledge among the Siberian Yukaghirs'. *Journal of the Royal Anthropological Institute* 10, no. 3 (2004): 629–52.

Willkomm, Judith. 'Mediatisierte Sinne und die Eigensinnigkeit der Medien. Für eine Medientheoretische Sensibilisierung der Sinnlichen Ethnographie'. In *Ethnographien der Sinne,* edited by Lydia Maria Arantes and Elisa Rieger, 39–56. Bielefeld: Transcipt Verlag, 2014.

*Image Reference*

The photographs and scans were produced by the author. The originals were provided by the PI of the case study, Michael Griesser, and are used with his consent.