



参考文献

前言

- Akom, A. (2011). Eco-Apartheid: Linking environmental health to educational outcomes. *Teachers College Record Volume 113*(4), 831–859.
- Bowden, M. (1989). *Nature for the very young: A handbook of indoor and outdoor activities*. New York: John Wiley & Sons.
- Carson, R. (1962). *Silent spring*. New York: Houghton Mifflin.
- Fancher, L. (2019, July 26). Farm at the intersection of permaculture, diversity. *The Berkeley Voice*, p. A7.
- Ginwright, S. (2016). *Hope and healing in urban education: How urban activists and teachers are reclaiming matters of the heart*. New York: Routledge.
- Rorer, A. (2010). *Of woodland pools, spring-holes, & ditches: Excerpts from the journal of Henry David Thoreau*. Berkeley, CA: Counterpoint.
- Sobel, D. (2005). *Place-based education: Connecting classrooms & communities*. Great Barrington, MA: The Orion Society.

第1章

- Alberts, B. (2000). Some thoughts of a scientist on inquiry. In Minstrell, J. and van Zee, E. H. (eds.), *Inquiring into inquiry learning and teaching in science* (pp. 3–13). Washington, DC: American Association for the Advancement of Science.
- Carstensen, A., Zhang, J., Heyman, G. D., Fu, G., Lee, K., & Walker, C. M. (2019). Context shapes early diversity in abstract thought. *Proceedings of the National Academy of Sciences*, 201818365.
- Delpit, L. (2012). *Multiplication is for white people: Raising expectations for other people's chil-*

- dren. New York: The New Press.
- Dickinson, E. (2013). The misdiagnosis: Rethinking “nature-deficit disorder.” *Environmental Communication: A Journal of Nature and Culture*, 7(3), 315–335.
- Dungy, C. T. (Ed.). (2009). *Black nature: Four centuries of African American nature poetry*. Athens, GA: University of Georgia Press.
- Duschl, R., Schweingruber, H. A., & Shouse, A. (2007). *Taking science to school: Learning and teaching in grades K-8*. Washington, DC: National Academy Press.
- Fay, A. L., & Klahr, D. (1996). Knowing about guessing and guessing about knowing: Preschoolers’ understanding in indeterminacy. *Child Development*, 67(2), 689–716.
- Flessas, B. M., & Zimmerman, T. D. (2017). Beyond nature talk: Transforming environmental education with critical and queer theories. In Letts, W. & Fifield, S. (eds.), *Stem of Desire: Queer Theories in Science Education*. Leiden: Brill.
- Gelman, S. A. (2003). *The essential child*. Oxford: Oxford University Press.
- Gelman, R., & Brenneman, K. (2004). Science learning pathways for young children. *Early Childhood Research Quarterly*, 19, 150–158.
- Gelman, R., & Lucariello, J. (2002). Learning in cognitive development. In Pashler, H., and Galistel, C. R. (eds.), *Stevens’ handbook of experimental psychology, third edition, vol. 3* (pp. 10, 395–443). New York: Wiley.
- Gopnik, A. (2009). *The philosophical baby: What children’s minds tell us about truth, love, and the meaning of life*. New York: Farrar, Straus, and Giroux.
- Louv, R. (2008). *Last child in the woods: Saving our children from nature-deficit disorder*. New York: Algonquin Books.
- Metz, K. E. (1997). On the complex relation between cognitive developmental research and children’s science curricula. *Review of Educational Research*, 67(1), 151–163.
- Metz, K. E. (2008). Narrowing the gulf between the practices of science and the elementary school science classroom. *The Elementary School Journal*, 109(2), 138–161.
- Metz, K., Sisk-Hilton, S., Berson, E., & Li, U. (2010). Scaffolding children’s understanding of the fit between organisms and their environment in the context of the practices of science. In Gomez, K., Lyons, L., & Radinsky, J. (eds.), *Learning in the disciplines: Proceedings of the International Conference of the Learning Sciences (ICLS)*. Chicago, IL: International Society of the Learning Sciences.
- National Association for the Education of Young Children (NAEYC). (2009). *Developmentally appropriate practice in early childhood programs serving children from birth to age 8*. Washington, DC: NAEYC.
- Sampson, S. D. (2015). *How to raise a wild child: The art and science of falling in love with nature*. New York: Houghton Mifflin Harcourt.
- Sanders-Smith, S. C. (2015). Class and pedagogy: A case study of two Chicago preschools. *International studies in Sociology of Education*, 25(4), 314–332.

第2章

- Abramson, S. (2008). Co-inquiry: Documentation, communication, action. *Voices of Practitioners*, 3(2), 1–10.

- Baghban, M. (2007). Scribbles, labels, and stories: The role of drawing in the development of writing. *Young Children*, 62(1), 20–26.
- Dutton, A. S. (2012). Discovering my role in an emergent curriculum pre- school. *Voices of Practitioners*, 7(1), 3–17.
- Escamilla, I. M. (2012). Understanding nature learning in the city. San Francisco State University. Unpublished paper.
- Galizio, C., Stoll, J., & Hutchins, P. (2009). We need a way to get to the other side!: Exploring the possibilities for learning in natural spaces. *Young Children*, 64(4), 40–48.
- Gallas, K. (1995). *Talking their way into science: Hearing children's questions and theories, responding with curricula*. New York: Teachers College Press.
- Hatch, A. (2006). Teacher research: Questions for teacher educators. *Voices of Practitioners*, 2(1), 1–5.
- Heinrich, B. (2011). Untangling the bank. In Canfield, M. R. (ed.), *Field notes on science & nature* (pp. 33–48). Cambridge, MA: Harvard University Press.
- Henderson, B., Meier, D., Perry, G., & Stremmel, A. (2012). The nature of teacher research. *Voices of Practitioners*, 1–7.
- Kramer, K. (2011). The spoken and the unseen. In Canfield, M. R. (ed.), *Field notes on science & nature* (pp. 109–127). Cambridge, MA: Harvard University Press.
- Lanham Drew, J. (2017). *The home place: Memoirs of a colored man's affair with nature*. Minneapolis, MN: Milkweeds Editions.
- Meier, D., & Henderson, B. (2007). *Learning from young children in the classroom: The art and science of teacher research*. New York: Teachers College Press.
- Meier, D. R., & Stremmel, A. (2010). Reflection through narrative: The power of narrative inquiry in early childhood teacher education. *Journal of Early Childhood Teacher Education*, 31(3), 249–257.
- Nimmo, J., & Hallett, B. (2008). Childhood in the garden: A place to encounter natural and social diversity. *Young Children*, 63(1), 32–38.
- Nunez, M. (2012). Learning to explore and document in nature. San Francisco State University. Unpublished paper.
- Paley, V. (1981). *Wally's stories*. Cambridge, MA: Harvard University Press. Pollan, M. (2007). *The botany of desire: A plant's-eye view of the world*. New York: Random House.
- Sobel, D. (2005). *Place-based education: Connecting classrooms & communities*. Great Barrington, MA: The Orion Society.
- Stoddard, S. (2012). Nature exploration. San Francisco State University. Unpublished paper.
- Stribling, S. M. (2017). The transformative power of action research. In Bailey, S. F., Shahrokhi, F., & Carsillo, T. (eds.), *Agency, advocacy and leadership: The power of teacher action research in schools* (pp. 27–38). Boston, MA: Sense Publishers.
- Thoreau, D. & Rorer, A. (2010). *Of woodland pools, spring-holes, & ditches*. Berkeley, CA: Counterpoint.

第3章

- Cadwell, L. B. (1997). *Bringing Reggio Emilia home. An innovative approach to early childhood education*. New York: Teachers College Press.
- Chalufour, I., & Worth, K. (2003). *Discovering nature with young children*. St. Paul, MN: Redleaf Press.
- Cochran-Smith, M., & Lytle, S. L. (1993). *Inside/outside: Teacher research and knowledge*. New York: Teachers College Press.
- Colker, L. J. (2002). Teaching and learning about science. *Young Children*, 57(5), 10–11.
- Durrell, G. (1988). *A practical guide for the amateur naturalist*. New York: Knopf.
- Edwards, C., Gandini, L., & Forman, G. (eds.) (1998). *The hundred languages of children: Advanced reflections on Reggio Emilia approach to early childhood education*. Greenwich, CT: Ablex.
- Hay, D. F. (1980). Multiple functions of proximity seeking in infancy. *Child Development*, 51, 636–644.
- Hubbard, R. S., & Power, B. M. (2003). *The art of classroom inquiry: A handbook for teacher-researchers*. Revised ed. Portsmouth, NH: Heinemann.
- Lowry, L. F. (1998). *NSTA pathways to the science standards: Guidelines for moving the vision into practice*. Elementary school ed. Washington, DC: National Science Teacher Association.
- Rogoff, B. (2003). *The cultural nature of human development*. New York: Oxford University Press.
- Torquati, J., & Barber, J. (2005). Dancing with trees: Infants and toddlers in the garden. *Young Children* 60(3), 40–47.
- Worth, K., & Grollman, S. (2003). *Worms, shadows, and whirlpools*. Newton, MA: Education Development Center, Inc.

第4章

- Edwards, C., Gandini, L., & Forman, G. (eds.). *The hundred languages of children: The Reggio Emilia experience in transformation*, 3rd ed. Santa Barbara, CA: Praeger Press.
- Nabhan, G. P., & Trimble, S. (1994). *The geography of childhood: Why children need wild places*. Boston, MA: Beacon Press.

第5章

- Cooper, A. (Producer). (2012). *CNN special report: race and children* [Aired on CNN March 5,

- 2012]. Retrieved from https://youtu.be/wYkUMqxr_o8 on January 20, 2019.
- Flemming, S. (Producer). (2010). *A murder of crows birds with an attitude* [Motion picture on DVD]. Canada: WNET. PBS Television Broadcast for NATURE.
- Keenan, S., & Duggan, K. (2012). *As the crow flies*. New York: Fiewel & Friends and imprint of MacMillan.
- Minkovitz, M., & Medina, J. (2018). *Thank you, crow*. Oklahoma City, OK: Penny Candy Books.
- Pringle, L. (2002). *Crows! Strange and wonderful*. Honesdale, PA: Mills Press.
- Savage, C. (1995). *Bird brains: The intelligence of crows, ravens, magpies, and jays*. San Francisco, CA: Sierra Club Books.
- Savage, C. (2005). *Crows: Encounters with the wise guys of the avian world*. Vancouver, Canada: Graystone Books.
- Tharps, L. (2016). The difference between racism and colorism. *TIME*, October 6, 2016.

第 6 章

- Bruner, J. (1983). *In search of mind: Essays in Autobiography*. New York: Harper and Row.
- Dewey, J. (1934). *Art as experience*. New York: Penguin.
- Goodenough, E. (2003). *Secret spaces of childhood*. Ann Arbor, MI: University of Michigan Press.
- MacFarlane, R. (2016). *Landmarks*. London: Penguin.
- Rinaldi, C. (2006). *In dialogue with Reggio Emilia; listening, researching and learning* (pp. 53, 100, 206). New York: Routledge.
- Vecchi, V. (2001). The curiosity to understand. In Project Zero and Reggio Children (eds.), *Making learning visible: Children as individual and group learners* (p. 180). Reggio Emilia, Italy: Reggio Children.

第 7 章

- Larsen, R. (2009). *The selected works of T.S. Spivet*. New York: The Penguin Press.
- Nabhan, G. P., & Trimble, S. (1994). *The geography of childhood*. Boston, MA: Beacon Press.
- Rinaldi, C. (2011). The pedagogy of listening: The listening perspective from Reggio Emilia. In Edwards, C., Gandini, L., & Forman, G. (eds.), *The hundred languages of children: The Reggio Emilia experience in transformation*, 3rd ed. (pp. 233–246). Santa Barbara, CA: Praeger.

第8章

- Dewey, J. (1996). Three years of the University Elementary School. In Paciorek, K. M. & Munro, J. H. (eds.), *Sources: Notable selections in early childhood education* (pp. 150–155). Guilford, CT: Dushkin Publishing Group.
- Faber Taylor, A., & Kuo, F. E. (2009). Children with attention deficits concentrate better after walk in the park. *Journal of Attention Disorders*, 12, 402–409.
- Faber Taylor, A., & Kuo F.E. (2011). Could exposure to everyday green spaces help treat ADHD? Evidence from children's play settings. *Applied Psychology: Health and Well-Being*, 3(3), 281–303.
- Faber Taylor, A., Kuo, F. E., & Sullivan, W. C. (2002). Views of nature and self-discipline: Evidence from inner-city children. *Journal of Environmental Psychology*, 22, 49–63.
- Katz, L. G. (2010). STEM in the early years. Collected papers from the SEED Conference, Fall 2010. Retrieved from <http://ecrp.illinois.edu/beyond/seed/katz.html> on April 4, 2019.
- Katz, L. G. (2015). Lively minds: Distinctions between academic vs. intellectual goals for young children. Retrieved from <https://deyproject.files.wordpress.com/2015/04/dey-lively-minds-4-8-15.pdf> on April 4, 2019.
- Katz, L. G., & Chard, S. C. (2000). The contribution of documentation to the quality of early childhood education. Retrieved from <https://files.eric.ed.gov/fulltext/ED393608.pdf> on April 4, 2019.

第9章

- California Department of Education (2008). *California preschool learning foundations: History-social science. Science* (Vol. 3). Sacramento, CA: California Department of Child Development.
- Carr, M., & Lee, W. (2012). *Learning stories: Constructing learner identities in early childhood education*. London: SAGE.
- Carter, M. (2010). Using learning stories to strengthen teachers' relationships with children. *Exchange*, 32(6), 40–44.
- Carter, M. (2017). Growing ourselves as leaders: A conversation with Annie White. *Exchange*, November/December, 46–51. *Cultural Studies*, 21(2–3), 240–270.
- Cochran-Smith, S., & Lytle, S. L. (2004). *Inquiry as stance: Practitioner research in the next generation*. New York: Teachers College Press.
- Gandini, L. (2012). History, ideas, and basic principles: An interview with Loris Malaguzzi in Edwards, C., Gandini, L., & Forman, G. (eds.), *The hundred languages of children: The Reggio Emilia experience in transformation*, 3rd ed. Santa Barbara, CA: Praeger Press.
- Hamlin, M., & Wisneski, D. B. (2013). Supporting the scientific thinking and inquiry of toddlers

- and preschoolers. In Shillady, A., *Spotlight on young children: Exploring science*. Washington, DC: National Association for the Education of Young Children.
- Katz, L., & Chard, S. (2000). *Engaging children's minds: The project approach*. Stamford, CT: Ablex.
- Kroll, L. K., & Meier, D. R. (2017). *Documentation and inquiry in the early childhood classroom: Research stories of engaged practitioners in urban centers and schools*. New York: Routledge.
- Lee, W., Carr, M., Soutar, B., & Mitchell, L. (2013). *Understanding the Te Whariki approach: Early years education in practice*. New York: Routledge.
- Lewin-Benham, A. (2011). *Twelve best practices for early childhood education: Integrating Reggio and other inspired approaches*. New York and London: Teachers College Press.
- Louv, R. (2008). *Last child in the woods: Saving our children from nature-deficit disorder*. Chapel Hill, NC: Algonquin Books.
- Meier, D. R., & Henderson, B. (2007). *Learning from young children in the classroom: The art and science of teacher research*. New York: Teachers College Press.
- González, N., Moll, L. C., & Amanti, C. (Eds.). (2006). *Funds of knowledge: Theorizing practices in households, communities, and classrooms*. New York, NY: Routledge.
- Rust, F. (2009). Teacher research and the problem of practice. *Teachers College Record*, 111(8), 1882–1893.
- Sisk-Hilton, S., & Meier, D. R. (2017). *Narrative inquiry in early childhood and elementary school: Learning to teach, teaching well*. New York: Routledge.
- Te Whāriki (2017). *Early childhood curriculum*. Wellington, New Zealand: The Ministry of Education

第 10 章

- Chalufour, I., & Worth, K. (2003). *Discovering nature with young children*. Newton, Massachusetts: Education Development Center, Inc.
- Danoff-Burg, J. A. (2002). Be a bee and other approaches to introducing young children to entomology. *Young Children*, 57(5), 42–46.
- Edwards, C., Gandini, L., & Forman, G. (Eds.). (1998). *The hundred languages of children: Advanced reflections on Reggio Emilia approach to early childhood education*. Greenwich, CT: Ablex.
- Flavell, J. H., Miller, P. H., & Miller, S. A. (2001). *Cognitive development* 4th ed. Upper Saddle River, NJ: Prentice Hall.
- Gandini, L., & Edwards, C. P. (2001). *Bambini: The Italian approach to infant/toddler care*. New York: Teacher College Press.
- Kupetz, B., & Twiest, M. (2000). Nature, literature, and young children: A natural combination. *Young Children*, 55(1), 59–63.
- Sisson, E. A. (1982). *Nature with children of all ages*. New York: Prentice Press Hall.
- Williams, R., Rockwell, R., & Sherwood, E. (1987). *Mudpies to magnets*. Mt. Rainier, MD: Gryphon House, Inc.
- Worth, K., & Grollman, S. (2003). *Worms, shadows, and whirlpools*. Newton, MA: Education

Development Center, Inc.

第 11 章

- Broderick, J. T., & Hong, S. B. (2011). Introducing the cycle of inquiry system: A reflective inquiry practice for early childhood teacher development. *Early Childhood Research and Practice, 13*(2), 2.
- Fjertoft, I. (2001). The natural environment as a playground for children: The impact of outdoor play activities in pre-primary school children. *Early Childhood Education Journal, 29*(2), 111–117.
- Forest School Canada. (2014). *Forest and nature school in Canada: A head, heart, hands approach to outdoor learning*, ed. C. Den Hoed. Canada: Forest School Canada.
- Fritz, R. W., & Sobel, D. (2016). The challenge of transplanting the European forest kindergarten to North America. In D. Sobel (ed.), *Nature pre- schools and forest kindergartens: The handbook for outdoor learning*. Saint Paul, MN: Redleaf Press.
- Goodall, J., & Hudson, G. (2014). *Seeds of hope: Wisdom and wonder from the world of plants*. New York: Grand Central Publishing.
- Gray, P. (2013). *Free to learn: Why unleashing the instinct to play will make our children happier, more self-reliant, and better students for life*. New York: Basic Books.
- Greene, H. W. (2013). *Tracks and shadows: Field biology as art*. Berkeley and Los Angeles, CA: University of California Press.
- Jayewardene, G. (2013). Overcoming our fears: Embarking on a nature journey. In Meier, D. R., & Sisk-Hilton, S. (eds.), *Nature education with young children: Integrating inquiry and practice* (pp. 83–101). New York: Routledge.
- Kyttä, M. (2004). The extent of children's independent mobility and the number of actualized affordances as criteria of a child-friendly environment. *Journal of Environmental Psychology, 24*(2), 179–198.
- Laws, J. M. (2007). *The Laws field guide to the Sierra Nevada*. Berkeley, CA: Heyday.
- Louv, R. (2008). *Last child in the woods*. Chapel Hill, NC: Algonquin Books.
- Lytle, S. L. (2012). Some thoughts on teacher research in early childhood education. In Perry, G., Henderson, B., & Meier, D. R. (eds.), *Our inquiry, our practice: Undertaking, supporting, and learning from early childhood teacher research(ers)* (pp. 195–201). Washington, DC: NAEYC Books.
- MacEachren, Z. (2013). The Canadian forest school movement. *LEARNing Landscapes, 7*(1), 219–233.
- Maynard, T. (2007). Forest schools in Great Britain: An initial exploration. *Contemporary Issues in Early Childhood, 8*(4), 320–331.
- Moore, R., Cosco, N., Kepez, O., & Demir, E. (2008). *My place by the bay: Prepared environments for early science learning, Bay Area Discovery Museum (BADM), Sausalito, California*. Final report to the National Science Foundation, Project #0125740.
- Muir, J. (1912). *The story of my boyhood and youth*. Madison, WI: The University of Wisconsin Press.
- Spiegel, B. (2017). Here we go again: No risk, no play. Retrieved from <https://bernardspiegel.com>.

com/2017/12/17/no-risk-no-play/ on June 22, 2019.

Warden, C. (2010). *Nature kindergartens and forest schools: An exploration of naturalistic learning within nature kindergartens and forest schools*. Crieff, UK: Mindstretchers.

第 12 章

Clandinin, D. J. (2000). *Narrative inquiry: Experience and story in qualitative research*. San Francisco, CA: Jossey-Bass Publishers.

Clandinin, D. J. (2013). *Engaging in narrative inquiry*. Walnut Creek, CA: Left Coast Press.

Edwards, C. P., Gandini, L., & Forman, G. E. (1993). *The hundred languages of children: The Reggio Emilia approach to early childhood education*. Norwood, NJ: Ablex PubCorp.

Edwards, C. P., & Rinaldi, C. (2009). *The diary of Laura: Perspectives on a Reggio Emilia Diary*. St. Paul, MN: Redleaf Press.

Engel, S. L. (1995). *The stories children tell: Making sense of the narratives of childhood*. New York: Freeman.

Hobart, A. (2005). Sketching in nature. *Science Teacher*, 72(1), 30–33.

Laws, J. M. (2016, September). *The art and science of keeping a nature journal*. Teacher workshop presented at the Lawrence Hall of Science, Berkeley, CA. Laws, J. M., & Breunig, E. (2010). Opening the world through nature journaling: Integrating art, science & language arts. California Native Plant Society. Retrieved from www.cnps.org/cnps/education/curriculum/otwtj_dl/cnps_curriculum-otwtj.pdf on June 12, 2019.

Meier, D. R., & Sisk-Hilton, S. (eds.). (2013). *Nature education with young children: Integrating inquiry and practice*. New York: Routledge.

Miller, D. L. (2007). The seeds of learning: Young children develop important skills through their gardening activities at a midwestern early education program. *Applied Environmental Education and Communication*, 6(1), 49–66.

Orr, D. (2013). Place and pedagogy. *NAMTA Journal*, 38(1), 183–188.

Paley, V. (2012). Teacher research – it can be done: Getting started. *Voices of Practitioners*, 7(1), 3–6.

Shagoury, R., & Power, B. M. (2012). *Living the questions: A guide for teacher-researchers*. Portsmouth, NH: Stenhouse.

Sisk-Hilton, S., & Meier, D. R. (2016). *Narrative inquiry in early childhood and elementary school: Learning to teach, teaching well*. New York: Routledge.

Torquati, J., Gabriel, M. M., Jones-Branch, J., & Leeper-Miller, J. (2010). A natural way to nurture children's development and learning. *Young Children*, 65(6), 98–104.

Vygotsky, L. S. (1978). *Mind in society: The development of higher psychological processes*. Cambridge, MA: Harvard University Press.

第 13 章

Sheikh, Knvul (2019, June 13). How much nature is enough? 120 minutes a week, doctors say. *New York Times*. Retrieved from www.nytimes.com/2019/06/13/health/nature-outdoors-health.html on September 21, 2019.

White, M. P., Alcock, I., Grellier, J., Wheeler, B. W., Hartig, T., Warber, S. L., & Fleming, L. E. (2019). Spending at least 120 minutes a week in nature is associated with good health and wellbeing. *Scientific Reports*, 9(1), 7730.