

## Shining Lights: Women writing science bibliography

This is just a sampling, no doubt very incomplete list of current voices. We will keep this bibliography alive and dynamic on the Sitting Room website:

<http://www.sittingroom.org/> Please send suggested additions to rayelynnt4@gmail.com

### Scientists who write/wrote non-fiction for a lay audience

Cheng, Eugenia, and Ebooks Corporation. *How to Bake Pi: an Edible Exploration of the Mathematics of Mathematics*. New York, Basic Books, 2015. [Math]

Clark, Eugenie. *Lady with a Spear*. [1st ed.]. ed., New York, NY, Harper & Brothers, 1953. [Marine biology]

Doudna, Jennifer A, and Samuel H. Sternberg. *A Crack in Creation: Gene Editing and the Unthinkable Power to Control Evolution*. Boston, Houghton Mifflin Harcourt, 2017. [Genetics]

Earle, Sylvia A. *Sea Change: a Message of the Oceans*. New York, G.P. Putnam & Sons, 1995. [Marine biology]

Glover, Linda K., Earle, Sylvia A. *Defying Ocean's End: an Agenda for Action*. Washington, Island Press, 2004. [Marine biology]

Fossey, Dian. *Gorillas in the Mist*. Boston, Mass., Houghton Mifflin, 1983. [Primateology]

Gaines, Susan M, G Eglinton, and Jürgen Rullkötter. *Echoes of Life: What Fossil Molecules Reveal About Earth History*. Oxford: Oxford University Press, 2009. [Molecular evolution]

Galdikas, Biruté Marija Filomena. *All Apes Great and Small*. New York, Kluwer Academic, 2001. [Primateology]

Galdikas, Biruté Marija Filomena. *Reflections of Eden: My Years with the Orangutans of Borneo*. 1st ed., Boston, Little, Brown, 1995. [Primateology]

Goodall, Jane, and Gail E. Hudson. *Seeds of Hope: Wisdom and Wonder from the World of Plants*. First trade ed., 2015. [Primateology and environmentalism]

Jahren, Hope. *Lab Girl*. First ed., 2016. [Geochemistry, geobiology] \*\*

Kimmerer, Robin Wall., et al. *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge and the Teachings of Plants*. First ed., New York, Milkweed Editions, 2013. [Botany] \*\*

- Fricker, Geoffrey, and Rebecca Lawton. *Sacrament: Homage to a River*. 2013. [Geology, biology] \*\*
- Lawton, Rebecca. *Reading Water: Lessons from the River*. Sterling, Va., Capital Books, 2002. [Biology] \*\*
- Levin, Janna. *Black Hole Blues: and Other Songs from Outer Space*. First ed., 2016. [Cosmology]
- Levin, Janna. *How the Universe Got Its Spots: Diary of a Finite Time in a Finite Space*. 1st Anchor Books ed., New York, Anchor Books, 2003. [Cosmology]
- Margulis, Lynn, and Dorion Sagan. *What Is Life?* Berkeley, University of California Press, 2000. [Evolutionary biology and theory]
- Margulis, Lynn. *Symbiotic Planet: a New Look at Evolution*. 1st ed., New York, Basic Books, 1998. [Evolutionary biology and theory]
- Moss, Cynthia. *Elephant Memories: Thirteen Years in the Life of an Elephant Family: with a New Afterword*. Univ. of Chicago Press ed., Chicago, University of Chicago Press, 2000. [Conservation biology, animal behavior]
- Natarajan, Priyamvada. *Mapping the Heavens: The Radical Scientific Ideas That Reveal the Cosmos*. Yale University Press, 2016. [Astronomy, physics] \*\*
- Randall, Lisa. *Dark Matter and the Dinosaurs: the Astounding Interconnectedness of the Universe*. First ed., 2015. [Theoretical physics]
- Rubin, Vera C. *Bright Galaxies, Dark Matters*. Woodbury, N.Y., American Institute of Physics, 1997. [Astronomy]
- Watt, Laura Alice. *The Paradox of Preservation*. University of California Press, 2016. [Environmental history and policy]

### **Science Writers and Journalists**

- Ackerman, Diane. *The Human Age: the World Shaped by Us*. First ed., 2014.
- Ackerman, Diane. *An Alchemy of Mind: the Marvel and Mystery of the Brain*. New York, Scribner, 2004.
- Ackerman, Diane. *A Natural History of the Senses*. 1st Vintage books ed., New York, Vintage Books, 1991. \*\*
- Blum, Deborah. *The Monkey Wars*. New York, Oxford University Press, 1994.

- Hannibal, Mary Ellen, et al. *Citizen Scientist: Searching for Heroes and Hope in an Age of Extinction*. 2016. \*\*
- Kolbert, Elizabeth. *Field Notes from a Catastrophe: Man, Nature, and Climate Change*. Paperback ed., 2015.
- Kolbert, Elizabeth. *The Sixth Extinction: an Unnatural History*. First ed., 2014.
- Orlean, Susan. *The Orchid Thief*. New York: Ballantine, 2008.
- Redniss, Lauren. *Thunder & Lightning: Weather Past, Present, Future*. London: Jonathan Cape 2016.
- Redniss, Lauren. *Radioactive: Marie & Pierre Curie, a Tale of Love & Fallout*. New York, NY :Dey Street, an imprint of William Morrow Publishers, 2015. \*\*
- Roach, Mary. *Gulp: Adventures on the Alimentary Canal*. First ed., 2013.
- Roach, Mary. *Packing for Mars: the Curious Science of Life in the Void*. 1st ed., New York, W.W. Norton, 2010.
- Shetterly, Margot Lee. *Hidden Figures: the American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race*. First ed., 2016.
- Skloot, Rebecca. *The Immortal Life of Henrietta Lacks*. New York, Crown Publishers, 2010. \*\*
- Sobel, Dava. *The Glass Universe: How the Ladies of the Harvard Observatory Took the Measure of the Stars*. 2016. \*\*
- Sobel, Dava. *And The Sun Stood Still*. First ed., 2016.
- Sobel, Dava. *Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time*. 2014.
- Williams, Terry T. *The Hour of Land: A Personal Topography of America's National Parks*. New York: Picador (A Sarah Crichton Book/Farrar, Straus and Giroux, 2017. \*\*
- Williams, Terry Tempest. *Red: Passion and Patience in the Desert*. 1st ed., New York, Pantheon Books, 2001.
- Whitty, Julia. *Deep Blue Home: An Intimate Ecology of Our Wild Ocean*. Boston: Houghton Millfin Harcourt, 2011. \*\*
- Whitty, Julia. *The Fragile Edge: Diving and Other Adventures in the South Pacific*. Mariner Books, 2008. \*\*

## Novelists

- Fowler, Karen Joy. *We Are All Completely Beside Ourselves*. 2014.
- Gaines, Susan M. *Carbon Dreams*. Berkeley, Calif: Creative Arts Book Co, 2001. \*\*
- Gilbert, Elizabeth. *The Signature of All Things*. 2013. \*\*
- Hegland, Jean. *Into the Forest*. New York, Bantam Books, 1997.
- Kingsolver, Barbara. *Flight Behavior: a Novel*. 1st ed., New York, Harper, 2012. \*\*
- Kingsolver, Barbara. *Prodigal Summer*. London: Faber and Faber, 2013. ©2000
- Levin, Janna. *A Madman Dreams of Turing Machines*. 1st ed., New York, Alfred A. Knopf, 2006.
- Patchett, Ann. *State of Wonder*. 1st ed., New York, Harper, 2011.
- Wang, Weike, and Julia Whelan. *Chemistry: A Novel*. 2017.

## Our presenters:

Lawton, Rebecca:

Steelies and Other Endangered Species; \*\*

Sacrament: Homage to a River; \*\*

Reading Water: Lessons from the River. \*\*

Elizabeth Herron:

Desire Being Full of Distances, \*\*

Language for the Wild,

The Stones the Dark Earth, Report (a chapbook), \*\*

Dark Season \*\*

While the Distance Widens.

Maya Khosla:

Web of Water: Life in Redwood Creek; Tapping the Fire, Turning the Steam: Securing the Future with Geothermal Energy; and Keel Bone\*\*.

Films:

Searching for Gold Spot

Northern Goshawks and Fire

**\*\*owned by the Sitting Room**

*rt/lm for The Sitting Room*

11/8/17

**Additional titles enthusiastically recommended  
by presenters and participants**

Goldsmith, Barbara. *Obsessive Genius: The Inner World of Marie Curie*. Paw Prints, 2008. [Physics and Chemistry]

Keller, Evelyn F. *A Feeling for the Organism, 10th Anniversary Edition: the Life and Work of Barbara McClintock*. Times Books, 1984. [Genetics]

Kiernan, Denise. *The girls of Atomic City: the untold story of the women who helped win World War II*. New York: Simon & Schuster, 2013.

Matthews, Freya. *Ecological Self*. Place of publication not identified: Routledge, 2016.

McGrayne, Sharon B. *Nobel Prize Women in Science: Their Lives, Struggles, and Momentous Discoveries*. Washington, D.C: Joseph Henry Press, 2006. [Physics, Chemistry, Biology, Astronomy]

Meloy, Ellen. *The Anthropology of Turquoise: Reflections on Desert, Sea, Stone, and Sky*. New York: Vintage Books, 2003.

Meloy, Ellen. *Eating Stone: Imagination and the Loss of the Wild*. New York: Vintage Books, 2006.

Meloy, Ellen. *Raven's Exile: A Season on the Green River*. Tucson: University of Arizona Press, 2003.

Padua, Sydney. *The Thrilling Adventures of Lovelace and Babbage: The (mostly) True Story of the First Computer*. New York, Pantheon Books, 2015. [Math and Computer Science—graphic novel]

Scarry, Elaine. *On Beauty and Being Just*. London: Duckworth, 2011.

Swaby, Rachel. *Headstrong: 52 Women Who Changed Science - and the World*. New York: Broadway Books, 2015.

Wulf, Andrea. *The Invention of Nature: Alexander Von Humboldt's New World*. First American ed., 2015.