

Sources: Locating the Transatlantic Seed Trade in James Madison's Garden

- [1] Richard M. Mack, "Plant Naturalizations and Invasions in the Eastern United States: 1634-1860," *Annals of the Missouri Botanical Garden*, 90, no. 1 (Winter 2003) 79.
- [2] Susan Scott Parrish, *American Curiosity: Cultures of Natural History in the Colonial British Atlantic World*. (Chapel Hill, NC: University of North Carolina Press, 2012).
- [3] Susan Solomon, John S. Daniel, and Daniel L. Druckenbrod, "Revolutionary Minds: Thomas Jefferson and James Madison participated in a small 'revolution' against British weather-monitoring practices," *American Scientist*, 95 no. 5 (September-October 2007) 430.
- [4] Patricia Seed, *Ceremonies of Possession in Europe's Conquest of the New World, 1492-1640*. (New York: Cambridge University Press, 1995) 16-40.
- [5] Liese M. Perrin, "Resisting Reproduction: Reconsidering Slave Contraception in the Old South." *Journal of American Studies*, 35, no. 2 (2001) 255-74.
- Londa Shiebinger, "Agnotology and Exotic Abortifacients: The Cultural Production of Ignorance in the Eighteenth-Century Atlantic World." *Proceedings of the American Philosophical Society* 149, no. 3 (2005) 316-43.
- [6] "Enslaved Community," James Madison's Montpelier. National Trust for Historic Preservation. <https://www.montpelier.org/learn/tag/enslaved-community>.

Sources: Have you ever Seen the Rain?: The 1791 Drought's Damage to Agriculture at Montpelier

- [1] For the source of this title, see John Fogerty, "Have You Ever Seen the Rain?," *Pendulum* (1971), <https://www.youtube.com/watch?v=g4flAZEgtjs>.
- [2] James Madison, "Instructions for the Montpelier Overseer and Laborers, [ca. 8] November 1790." *Founders Online*. (National Archives, 2020), <https://founders.archives.gov/documents/Madison/01-13-02-0222>.
- [3] Hilarie M. Hicks, "Montpelier's Edible Alphabet." *Montpelier's Digital Doorway*. (James Madison's Montpelier, December 03, 2019), <https://digitaldoorway.montpelier.org/2019/11/27/montpeliers-edible-alphabet/>.
- [4] National Drought Mitigation Center, s.v. "Types of Drought." (National Drought Mitigation Center, 2020), <https://drought.unl.edu/Education/DroughtIn-depth/TypesofDrought.aspx>.
- [5] National Drought Mitigation Center, s.v. "ENSO." (National Drought Mitigation Center, 2020), <https://drought.unl.edu/Education/DroughtIn-depth/ENSO.aspx>.
- [6] National Drought Mitigation Center, "Types of Drought."

[7] Richard Grove and George Adamson, "The 'Great El Niño', 1790-1794," *El Niño in World History* (Palgrave Macmillan, 2018) 87-88.

[8] Mark Licht, "Influence of Drought on Corn and Soybean," Integrated Crop Management (Iowa State University Agricultural Extension, July 21, 2017),
<https://crops.extension.iastate.edu/cropnews/2017/07/influence-drought-corn-and-soybean>.

[9] Your Weather Service, s.v., "Climate Orange - Virginia" (US Climate Data, 2020),
<https://www.usclimatedata.com/climate/orange/virginia/united-states/usva1500>.

[10] Larry Stein, "So What Constitutes An Effective Rain Event?" (Texas Agrilife Extension Service, 2011),
<https://aggie-horticulture.tamu.edu/earthkind/drought/drought-management-for-commercial-horticulture/so-what-constitutes-an-effective-rain-event/>.

[11] Statistic derived from using the Historic Deed Map Explorer in "Montpelier's Hidden Sites of Labor" and selecting 1791 to find all property the Madison family owned at Montpelier in 1791. See James Madison's Montpelier, s.v., "Montpelier's Hidden Sites of Labor," *Montpelier's Digital Doorway* (James Madison's Montpelier, May 15, 2020),
<https://digitaldoorway.montpelier.org/project/montpelier-landscape-project/#1522332659351-f2e9562c-d991>.

[12] James Madison's Montpelier, s.v., "Enslaved Community" (James Madison's Montpelier, 2020),
<https://www.montpelier.org/learn/tag/enslaved-community>.

[13] Matthew Gantert Hyland, "Montpelier: The History of a House, 1723-1998," *Dissertations, Theses, and Masters Projects* (2004), Paper 1539623438,
<https://dx.doi.org/doi:10.21220/s2-n2ws-xm44>, 63; Madison, "Instructions."

[14] Nozipho Motsa, Albert Modi, and T. Mabhaudhi, "Sweet potato (*Ipomoea batatas* L.) as a drought tolerant and food security crop," *South African Journal of Science* 111 (2015), 10.17159/sajs.2015/20140252, 1.

[15] Kim Pokorny, "No Need to Baby Your Corn to Get Miniature Ears," Life at OSU (Oregon State University, May 04, 2020),
<https://today.oregonstate.edu/news/no-need-baby-your-corn-get-miniature-ears>.

For the entry detailing "young corn" on July 28th, 1791, see APS_275669-57_13,
<https://diglib.amphilsoc.org/islandora/object/text%3A275669-57>.

[16] National Drought Mitigation Center, National Oceanic and Atmospheric Administration, and United States Department of Agriculture, s.v., "Current Map," (U.S. Drought Monitor, 2020),
<https://droughtmonitor.unl.edu/CurrentMap.aspx>. To see the exact weeks in which this drought

occurred, use the National Drought Mitigation Center's "Maps" function and view the maps starting with September 17, 2019 and concluding with October 22, 2019.

[17] National Drought Mitigation Center, s.v., "Drought in Virginia," Drought.gov (National Drought Mitigation Center, 2020), <https://www.drought.gov/drought/states/virginia#:~:text=Drought%20in%20Virginia&text=Since%202000%2C%20the%20longest%20duration,affected%2030.53%25%20of%20Virginia%20land.>

[18] National Oceanic and Atmospheric Administration, s.v., "DROUGHT: Monitoring Economic, Environmental, and Social Impacts," News (National Oceanic and Atmospheric Administration, 2020), <https://www.ncdc.noaa.gov/news/drought-monitoring-economic-environmental-and-social-impacts#:~:text=These%20costly%20drought%20impacts%20come,feed%20and%20water%20their%20animals.&text=In%20addition%20to%20the%20economy,affects%20the%20environment%20and%20society.>

[19] Bob Silberg, "Why a Half-degree Temperature Rise Is a Big Deal – Climate Change: Vital Signs of the Planet," (NASA, July 1, 2016), <https://climate.nasa.gov/news/2458/why-a-half-degree-temperature-rise-is-a-big-deal/>.

[20] National Drought Mitigation Center, National Oceanic and Atmospheric Administration, and United States Department of Agriculture, s.v., "What is the United States Drought Monitor?" (U.S. Drought Monitor, 2020), <https://droughtmonitor.unl.edu/About/WhatistheUSDM.aspx>.

[21] United States Global Change Research Program, s.v., "Water Supply" (National Climate Assessment, 2014), <https://nca2014.globalchange.gov/highlights/report-findings/water-supply>.