

LIVING LEXICON FOR THE ENVIRONMENTAL HUMANITIES

Plantation

SOPHIE CHAO

Department of Anthropology, University of Sydney, Australia

Patricius, an Indigenous Marind elder, is teaching me how to listen to plantations.¹ We are standing in a 50,000-hectare oil palm concession in the Indonesian-controlled region of West Papua. Before oil palm, this land was home to many of Patricius's kin—cassowaries, possums, birds of paradise, sago palms. Now, an uncanny silence presides in the plantation, interrupted occasionally by crashing bulldozers, roaring chainsaws, and effluents spewing from the mill. There are no animals to be heard or movements detected. Rows of identical, equidistant oil palms extend into the horizon. Every so often, a gentle breeze animates the canopy. A senescing frond creaks. An invisible cicada stridulates in the overstory. Otherwise, only silence and singularity. My gaze follows Patricius's arm as it unfurls slowly, capturing within its span the regimented landscape before us. "Welcome to the plantation," my companion declares, "welcome to the forests of the future."

As material formation and conceptual analytic, the plantation offers fertile grounds for reexamining "nature" as a site and subject of anthropogenic violence. First established in fourteenth-century feudal Europe, plantations became imbricated with the spread of racialized colonial modernity in the sugar, tobacco, hemp, and cotton land-scapes of the eighteenth-century Caribbean and southern United States.² Today, monocrop oil palm, timber, and soy proliferation across the Global South is driven by a range of multi-scalar factors: global food security imperatives, national economic development prerogatives, international renewable energy targets, exclusionary fair trade and

- 1. Pseudonyms have been used for persons and places, except for major provinces and districts.
- 2. Manjapra, "Plantation Dispossessions," 363; Moore, "End of the Road?"; Benítez-Rojo, La isla que se repite.

sustainable certification initiatives, top-down modernization agendas, and nepotistic alliances between state, military, and corporate forces.³

The conjuring of plantations as "capitalist natures," in Arturo Escobar's terms, routinely entails the displacement, dispossession, or exploitation of Indigenous peoples and other rural communities in the name of progress and development.⁴ It exemplifies the principles of ecological simplification, homogenization, and instrumentalization that characterize the "Plantationocene," a spatio-temporal formation long described by Black scholars such as Sylvia Wynter and Katherine McKittrick and more recently rearticulated by Donna Haraway, Anna Tsing, and others.⁵ As projects of scale and desire, plantations are rooted in the logic of mastery, discipline, and control over environments deemed useful only insofar as they serve particular humans' ends.⁶ In plantation regimes, the fates of uprooted and transplanted humans and plants become strangely intertwined. Simultaneously positioned as objects and subjects of extractive labor, their bodies and vitalities are put to work under the dictates of capitalist production and its limitless, linear, and singular arrow of time-as-progress.⁷ The plantation of the future is the plantation of the past and the present.⁸

But there is more to the plantation than extraction and extinction. Plantations have persistently proven potent birthing grounds for the emergence of multispecies resistance and resurgence. On Caribbean and American southern plantations, food plots cultivated by the enslaved became unexpected biocultural refugia nurturing oppositional modes of Black life grounded in more-than-human meshworks of kinship and care. Fugitive seeds and bodies became literally and figuratively entangled in marronage, as formerly enslaved Black women carefully concealed grains in their hair before taking flight in order to feed their children to come. Sorghum shoots, celebrated through the songs of enslaved Africans in Jamaica, became active participants in scenes of more-than-human commoning alongside tea, water, yams, provision grounds, and humans across both sides of the color line. In indigo plantations, dark dyes seeped deep into

^{3.} For examples from India, see Besky, *Darjeeling Distinction*; Galvin, *Becoming Organic*; Ali, *Local History of Global Capital*. From Latin America, see Aráoz, "América Latina"; Escobar, *Territorios de diferencia*, 93–138; Pérez, "La Mosquitía"; Leguizamón, *Seeds of Power*. From Southeast Asia, see Chao, *In the Shadow of the Palms*, "(Un)Worlding the Plantationocene"; Li, *Plantation Life*. From China, see Liu, "Forest Sustainability in China"; Xu, *Industrial Tree Plantations*. From Africa, see von Hellermann, *Things Fall Apart?*; Watkins, *Palm Oil Diaspora*.

^{4.} Escobar, "After Nature," 6.

^{5.} See Davis et al., "Anthropocene"; McKittrick, "Plantation Futures"; Trouillot, "Culture on the Edges"; Wynter, "Novel and History"; Haraway, "Anthropocene"; Tsing, Mathews, and Bubandt, "Patchy Anthropocene."

^{6.} Alimonda, La naturaleza colonizada.

^{7.} Thomas, "Time and the Otherwise."

^{8.} McKittrick, "Plantation Futures."

^{9.} Davis et al., "Anthropocene." See also Carney, "Subsistence in the Plantationocene"; Carney and Rosomoff, *In the Shadow of Slavery*; Wynter, "Novel and History."

^{10.} Keeve, "Fugitive Seeds."

^{11.} Dillon, "Plantationocene," 83, 91; Du Bois, Souls of Black Folk.

the hands of enslaved women laborers, merging with fungible Black bodies in the making of porous part-human, part-vegetal beings. ¹² Captive bodies-turned-flesh remained embedded in and running contiguously with other-than-human kinships and companionships, forged amid and against the unthinkable violence of racializing plantation logic.

Alongside grassroots movements of resistance and opposition, more-than-human protagonists continue to animate plantations in the present. Fungi, rodents, and reptiles sabotage the plantation dream by parasitizing on cash crops. Genetically engineered plants become vulnerable to herbicide-resistant weeds or lose the ability to reproduce without the assistance of human pollinators and machines. Other organisms like barn owls and pollinating weevils entertain mutualistic relations with cash crops. The biotic affordances of these critters, known in agronomic parlance as "beneficial species," are leveraged in pest management schemes to counter the detrimental effects of plantation parasites. Plantations, then, are not entirely dead or deadly realms of "out-and-out exterminism." They enable some communities of life to thrive at the expense of others. Just as there is no such thing as "the" plantation in a singular or timeless sense, so too, in Dale Tomich's words, each plantation "produces its own nature."

Multispecies world-making practices disrupt the singularizing force of "plantation logic," foregrounding human and other-than-human actors who together yet unevenly shape the plantation as a multiplications material-semiotic assemblage. They invite us to consider the possibility of multispecies justice within plantations as landscapes of empire that, while indubitably destructive, have after all never fully succeeded in dominating either plants or people. In the words of Alfred J. López, "There is no single or central 'plantation' or plantation image that we can privilege above all others." In the words of Alfred J. López, "There is no single or central" plantation image that we can privilege above all others.

Yet difficult ethical and political considerations crop up in storying the plantation in more-than-human terms. How do we grapple with dreaded comparisons between the spectacular violence of human enslavement under colonial regimes and the enslavement of plants, soils, and ecosystems under plantations past and present without "flattening," in Janae Davis and colleagues' words, the consequential differences and hierarchies within and between human and other-than-human communities of life?²⁰ How

- 12. King, Black Shoals, 111-40.
- 13. Beilin and Suryanarayanan, "War between Amaranth and Soy"; Taussig, *Palma Africana*, 75–76.
- 14. Haraway, cited in Mitman, "Reflections on the Plantationocene," 10.
- 15. Chao, "Beetle or the Bug?"
- 16. Tomich, "Rethinking the Plantation," 33–34. See also Clukey and Wells, "Introduction: Plantation Modernity."
 - 17. McKittrick, "Plantation Futures," 3.
- 18. Besky, *Darjeeling Distinction*; Dove, "Plants, Politics, and the Imagination"; Ferdinand, *Une écologie décoloniale*.
 - 19. López, "Plantation as Archive," 402.
- 20. Davis et al., "Anthropocene," 5. See also Bennett, *Being Property Once Myself*; Jackson, *Becoming Human*.

do we navigate between stories of an unexpected politics of the possible and stories of irremediable finality?²¹ What is at stake in crafting plantation and counter-plantation stories? Who are these stories for, whom are they written with, and whom do they serve?

The significance of these questions extends well beyond the materiality of contemporary agro-industrial landscapes. As critical race scholars highlight, plantation afterlives perdure in the form of state and police violence, carceral infrastructures, and the normalization of premature Black death.²² No less innocent is the whiteness of academic institutions and academic theorization that mirror the ordering, narratinghistoricizing-authoring, controlling, and managing of the plantation itself. Academic knowledge making is a systematic process of epistemic raking, sifting, pruning, disciplining, reordering, classifying, organizing, abstracting, generalizing, simplifying, and extracting. Plantation logic shapes not just the "nature" of the world but also how the dominant Western "we" represents it through its concepts and theories. Yet the multiscalar transposability of theory can obscure the situated, fleshly specificity of morethan-human encounters in all their incommensurable interdependence, violence, and ambivalence. As material formation and conceptual analytic, the plantation calls for ways of living, thinking, and representing that eschew assumptions of mastery and control in and of the world. It is an invitation to listen to plantation pasts and presents through their consequential absences and silences. It holds within it the fugitive seeds of counter-plantation ecologies and stories that may promise different forest futures and future forests.

SOPHIE CHAO is a Discovery Early Career Researcher Award (DECRA) Fellow and Lecturer at the Department of Anthropology, University of Sydney. Her research explores the intersections of Indigeneity, ecology, capitalism, health, and justice in the Pacific. Sophie is the author of *In the Shadow of the Palms: More-Than-Human Becomings in West Papua* (Duke University Press, 2022). For more information, please visit www.morethanhumanworlds.com.

References

Ali, Tariq. A Local History of Global Capital: Jute and Peasant Life in the Bengal Delta. Princeton, NJ: Princeton University Press, 2018.

Alimonda, Héctor, ed. La naturaleza colonizada: Ecología política y minería en América Latina. Buenos Aires: CLACSO-Ciccus, 2011.

Aráoz, Horacio, M. "América Latina y la ecología política del sur: Luchas de re-existencia, revolución epistémica y migración civilizatoria." In Vol. 2 of Ecología política Latinoamericana: Pensamiento crítico, diferencia latinoamericana y rearticulación epistémica, edited by Héctor Alimonda, Catalina T. Pérez, and Facundo Martín, 193–224. Buenos Aires: Universidad Autónoma Metropolitana, 2017.

- 21. Casimir, La culture opprimée; Escobar, Pluriversal Politics; Thompson, Flight to Freedom; Woods, Development Arrested.
- 22. DeLombard, "Dehumanizing Slave Personhood"; Hartman, Lose Your Mother; McKittrick, "On Plantations"; Sharpe, In the Wake; Thiaw and Mack, "Atlantic Slavery and the Making of the Modern World."

- Beilin, Katarzyna O., and Sainath Suryanarayanan. "The War between Amaranth and Soy: Interspecies Resistance to Transgenic Soy Agriculture in Argentina." Environmental Humanities 9, no. 2 (2017): 204–29.
- Benítez-Rojo, Antonio. La isla que se repite: El Caribe y la perspectiva postmoderna. Hanover, NH: Ediciones del Norte, 1989.
- Bennett, Joshua. Being Property Once Myself: Blackness and the End of Man. Cambridge, MA: Harvard University Press, 2020.
- Besky, Sarah. The Darjeeling Distinction: Labor and Justice on Fair-Trade Tea Plantations in India. Berkeley: University of California Press, 2013.
- Carney, Judith A. "Subsistence in the Plantationocene: Dooryard Gardens, Agrobiodiversity, and the Subaltern Economies of Slavery." Journal of Peasant Studies, April 10, 2020. https://doi.org/10.1080/03066150.2020.1725488.
- Carney, Judith A., and Richard N. Rosomoff. 2011. In the Shadow of Slavery: Africa's Botanical Legacy in the Atlantic World. Berkeley: University of California Press, 2011. Casimir, Jean. La culture opprimée. Delmas, Haiti: Impr. Lakay, 2001.
- Chao, Sophie. "The Beetle or the Bug? Multispecies Politics in a West Papuan Oil Palm Plantation." American Anthropologist 123, no. 3 (2021): 476–89.
- Chao, Sophie. In the Shadow of the Palms: More-than-Human Becomings in West Papua. Durham, NC: Duke University Press, 2022.
- Chao, Sophie. "(Un)Worlding the Plantationocene: Extraction, Extinction, Emergence." eTropic: electronic journal of studies in the tropics (2022). https://doi.org/10.25120/etropic.21.1.2022.3838.
- Clukey, Amy, and Jeremy Wells. "Introduction: Plantation Modernity." Global South 10, no. 2 (2016):
- Davis, Janae, Alex A. Moulton, Levi Van Sant, and Bryan Williams. "Anthropocene, Capitalocene, . . . Plantationocene?: A Manifesto for Ecological Justice in an Age of Global Crises." *Geography Compass* 13, no. 5 (2019): e12438.
- DeLombard, Jeannine M. "Dehumanizing Slave Personhood." American Literature 91, no. 3 (2019): 491–521.
- Dove, Michael R. "Plants, Politics, and the Imagination over the Past Five Hundred Years in the Indo-Malay Region." Current Anthropology 60, no. S20 (2019): S309–20.
- Du Bois, W. E. B. The Souls of Black Folk: Essays and Sketches. Chicago: A.C. McClurg, 1903.
- Escobar, Arturo. "After Nature: Steps to an Antiessentialist Political Ecology." Current Anthropology 40, no. I (1999): I-30.
- Escobar, Arturo. Pluriversal Politics: The Real and the Possible. Durham, NC: Duke University Press, 2019. Escobar, Arturo. Territorios de diferencia: Lugar, movimientos, vida, redes. Popayán, Colombia: Universidad del Cauca, 2015.
- Ferdinand, Malcolm. Une écologie décoloniale: Penser l'écologie depuis le monde Caribéen. Paris: Seuil, 2019. Galvin, Shaila S. Becoming Organic: Nature and Agriculture in the Indian Himalaya. New Haven, CT: Yale University Press, 2021.
- Haraway, Donna J. "Anthropocene, Capitalocene, Plantationocene, Chthulucene: Making Kin." Environmental Humanities 6, no. 1 (2015): 159–65.
- Hartman, Saidiya. Lose Your Mother: A Journey along the Atlantic Slave Route. New York: Farrar, Strauss, and Giroux, 2007.
- Jackson, Zakiyyah I. Becoming Human: Matter and Meaning in an Antiblack World. New York: New York University Press, 2020.
- Keeve, Christian B. "Fugitive Seeds." Edge Effects. February 26, 2020. https://edgeeffects.net/fugitive -seeds/.
- King, Tiffany L. The Black Shoals: Offshore Formations of Black and Native Studies. Durham, NC: Duke University Press, 2019.
- Leguizamón, Amalia. Seeds of Power: Environmental Injustice and Genetically Modified Soybeans in Argentina. Durham, NC: Duke University Press, 2020.

- Li, Tanya M. Plantation Life: Corporate Occupation in Indonesia's Oil Palm Zone. Durham, NC: Duke University Press, 2021.
- Liu, Jianguo. "Forest Sustainability in China and Implications for a Telecoupled World." Asia & the Pacific Policy Studies 1, no. 1 (2013): 230–50.
- López, Alfred J. "The Plantation as Archive: Images of 'the South' in the Postcolonial World." Comparative Literature 63, no. 4 (2011): 402–22.
- Manjapra, Kris. "Plantation Dispossessions: The Global Travel of Agricultural Racial Capitalism." In American Capitalisms: New Histories, edited by Sven Beckert and Christine Desan, 361–86. New York: Columbia University Press, 2018.
- McKittrick, Katherine. "On Plantations, Prisons, and a Black Sense of Place." Social & Cultural Geography 12, no. 8 (2011): 947–63.
- McKittrick, Katherine. "Plantation Futures." Small Axe 17, no. 3 (2013): 1–15.
- Mitman, Gregg. "Reflections on the Plantationocene: A Conversation with Donna Haraway and Anna Tsing." Edge Effects, June 18, 2019. https://edgeeffects.net/wp-content/uploads/2019/06/Plantation oceneReflections_Haraway_Tsing.pdf.
- Moore, Jason. "The End of the Road? Agricultural Revolutions in the Capitalist World-Ecology, 1450–2010." Journal of Agrarian Change 10, no. 3 (2010): 389–413.
- Pérez, Catalina T. "La mosquitía: 'Última frontera imperial'? Neo-colonialism/neo-extractivismo en el mundo Afro-Caribe." In Vol. 2 of Ecología política Latinoamericana: Pensamiento crítico, diferencia latinoamericana y rearticulación epistémica, edited by Héctor Alimonda, Catalina T. Pérez, and Facundo Martín, 117–58. Buenos Aires: Universidad Autónoma Metropolitana, 2017.
- Sharpe, Christina. In the Wake: On Blackness and Being. Durham, NC: Duke University Press, 2016.
- Taussig, Michael. Palma Africana. Chicago: University of Chicago Press, 2018.
- Thiaw, Ibrahima, and Deborah L. Mack. "Atlantic Slavery and the Making of the Modern World: Experiences, Representations, and Legacies." Current Anthropology 61, no. 22 (2020): S145–S158.
- Thomas, Deborah A. "Time and the Otherwise: Plantations, Garrisons, and Being Human in the Caribbean." Anthropological Theory 16, nos. 2–3 (2016): 177–200.
- Thompson, Alvin O. Flight to Freedom: African Runaways and Maroons in the Americas. Kingston, Jamaica: University of the West Indies Press, 2006.
- Tomich, Dale. "Rethinking the Plantation: Concepts and Histories." Review (Fernand Braudel Center) 34, nos. 1–2 (2011): 15–39.
- Trouillot, Michel-Rolph. "Culture on the Edges: Caribbean Creolization in Historical Context." In From the Margins: Historical Anthropology and Its Futures, edited by Brian K. Axel, 189–210. Durham, NC: Duke University Press, 2002.
- Tsing, Anna L., Andrew S. Mathews, and Nils Bubandt. "Patchy Anthropocene: Landscape Structure, Multispecies History, and the Retooling of Anthropology." Current Anthropology 60, suppl. 20 (2019): S186–S197.
- von Hellermann, Pauline. Things Fall Apart?: The Political Ecology of Forest Governance in Southern Nigeria. New York: Berghahn, 2013.
- Watkins, Case. Palm Oil Diaspora: Afro-Brazilian Landscapes and Economies on Bahia's Dendê Coast. New York: Cambridge University Press, 2021.
- Woods, Clyde. Development Arrested: The Blues and Plantation Power in the Mississippi Delta. London: Verso, 2007.
- Wynter, Sylvia. "Novel and History, Plot and Plantation." Savacou, no. 5 (1971): 95–102.
- Xu, Yunan. Industrial Tree Plantations and the Land Rush in China: Implications for Global Land Grabbing. London: Routledge, 2020.