

## REFERENCES

- AGUILAR, G. (2001). Access to genetic resources and protection of traditional knowledge in the territories of Indigenous peoples. *Environmental Science and Policy*, 4(4-5), 241-256.
- AKPONA, H. A., SOGBOHOSSOU, E., SINSIN, B., HOUNGNIHIN, R. A., AKPONA, J. D. T., AND AKOUEHOU, G. (2009). Botanical gardens as a tool for preserving plant diversity, threatened relic forest and Indigenous knowledge on traditional medicine in Benin. Traditional forest-related knowledge and sustainable forest management in Africa, 23, 5-13. *IUFRO World Series Volume 23*
- ALEXANDER, E. P., ALEXANDER, M., AND DECKER, J. (2017). *Museums in motion: An introduction to the history and functions of museums*. Rowman and Littlefield.
- ALLEN, T. F. H., TAINTER, J. A., PIRES, J. C., AND HOEKSTRA, T. W. (2001). Dragnet Ecology— “Just the Facts, Ma'am”: The Privilege of Science in a Postmodern World: Science of intrinsic quality needs narratives with explicit values—not just facts—particularly as it faces multiple-level complexity in advising on environmental policy, such as planning for energy futures. *BioScience*, 51(6), 475-485.
- ALEXOPOULOS, G and MOUSSOURI, T. (2021). Co-creating sustainable food futures with botanical gardens and communities: reflections from the BigPicnic project. *Archaeology International Vol. 24* (1): pp. 73-98.
- ANDREUCCI, M. B., MARVUGLIA, A., BALTOV, M., and HANSEN, P. (2021). *Rethinking sustainability towards a regenerative economy*. Springer Nature.
- APLIN, D. (2013). Assets and Liabilities: The Role of Evaluation in the Curation of Living Collections. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (11), 87–96.  
<https://doi.org/10.24823/Sibbaldia.2013.53>
- APLIN, D. (2014). A global survey of living collections. *Botanic Garden Journal*, 11(2), 26–29. [online]: accessed 03/07/2023 [Available at]: <https://www.jstor.org/stable/24811377>
- APLIN, D. M., AND HEYWOOD, V. H. (2008). Do Seed Lists Have a Future? *Taxon*, 57(3), 709–711.  
<http://www.jstor.org/stable/27756702>
- ATRAN, S. (1998). Folk biology and the anthropology of science: Cognitive universals and cultural particulars. *Behavioral and Brain Sciences*, 21(4), pp. 547-569.

ANDERSON, C. C. AND RANDENAUD, F. G. (2021). A review of public acceptance of Nature-based Solutions: The 'why,' 'when,' and 'how' of success for disaster risk reduction measures. *Ambio*, 50(8), pp. 1552-1573.

ANDRIANOU, A. A. AND PAPAIOANNOU, G. (2019). Cultural Landscapes and Botanic Gardens: The Case of Mon-Repos Garden in Corfu Island, Greece. In: Stankov, U., Boemi, SN., Attia, S., Kostopoulou, S., Mohareb, N. eds. *Cultural Sustainable Tourism. Advances in Science, Technology, and Innovation*. Springer, Cham.

ANTONELLI, A. (2020). Director of science at Kew: it's time to decolonise botanical collections. *The Conversation*, 19.

APGA. (2009). Exhibits in the garden. *Public Garden: The journal of the American Public Gardens* Vol. 24. No.1. pp. 7-24.

ARES, E. (2020) *Climate change solutions: The role of nature* Insight: House of Commons Library Published Wednesday, 24 June 2020 Available online: <https://commonslibrary.parliament.uk/climate-change-solutions-the-role-of-nature/#:~:text=The%20Government%E2%80%99s%2025-year%20Environment%20Plan%20for%20England%20in,through%20the%20Agriculture%20Bill%20for%20natural%20carbon%20storage> (accessed July 2023)

ARONSON, J. (2014), The Ecological Restoration Alliance of Botanic Gardens: A New Initiative Takes Root. *Restoration Ecology*, 22: 713-715.

AZAM-ALI, S. N. (2021). *The Ninth Revolution: Transforming Food Systems for Good*. World Scientific.

BABER, Z. (2016): The Plants of Empire: Botanic Gardens, Colonial Power and Botanical Knowledge, *Journal of Contemporary Asia*, <https://doi.org/10.1080/00472336.2016.1185796> 46:4, pp. 659-679,

BAHUCHET, S. (2021). Is There a Need for Biocultural Collections? State of the Art and Perspectives. *Natural History Collections in the Science of the 21st Century: A Sustainable Resource for Open Science*, pp. 311-336. Available online: [https://www.researchgate.net/profile/Eva-Moreno-11/publication/356763990\\_Ocean\\_Cores\\_Climate\\_Archives/links/6391de9a484e65005bf4603a/Ocean-Cores-Climate-Archives.pdf#page=335](https://www.researchgate.net/profile/Eva-Moreno-11/publication/356763990_Ocean_Cores_Climate_Archives/links/6391de9a484e65005bf4603a/Ocean-Cores-Climate-Archives.pdf#page=335) (accessed July 2023)

BARATAY, E., AND HARDOUIN-FUGIER, E. (2004). *Zoo: A history of zoological gardens in the West*. Reaktion books. London. United Kingdom.

- BEATTIE, A. J, HAY, M., MAGNUSSON, B., DE NYS, R., SMEATHERS, J. and VINCENT, J. F. (2011) Ecology and bioprospecting. *Australian Ecology*. May 1; 36 (3): pp. 341-356
- BEDFORD, L. (2001), Storytelling: The Real Work of Museums. *Curator: The Museum Journal*, 44: pp. 27-34.
- BELL, K. (ED.). (2021). *Diversity and inclusion in environmentalism*. Routledge.
- BENNETT, B. (2014). Learning in Paradise: The Role of Botanic Gardens in University Education. In: Quave, C. ed. *Innovative Strategies for Teaching in the Plant Sciences*. Springer, New York, NY.
- BERLIN, B. (1973). Folk systematics in relation to biological classification and nomenclature. *Annual review of ecology and systematics*, 4(1), pp. 259-271.
- BERLIN, B. (1992) *Ethnobiological Classification*. New Jersey: Princeton University Press.
- BGCI (2012). International Agenda for Botanic Gardens in Conservation: 2nd edition. Botanic Gardens Conservation International, Richmond, UK
- BGCI (2022) Botanic Gardens Accreditation Manual: version 2 (2022) Available online: <https://www.bgci.org/wp/wp-content/uploads/2019/04/BGA-Standards-Manual-2.0.pdf> (accessed July 2023)
- BINDÉ, J. (1998). Cities and environment in the twenty-first century: A future-oriented synthesis after Habitat II. *Futures*, 30(6), pp. 499-518.
- BLACKMORE, S. (2019). Cities: The Final Frontier for Endangered Plants? *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (17), pp. 3–10.
- BLAIS, H. (2022) Botanical gardens in colonial empires, *Encyclopédie d'histoire numérique de l'Europe* ISSN 2677-6588, published on 17/01/22 Available online: Permalink: <https://ehne.fr/en/node/21589> (Accessed July 2023)
- BOEHI, M. AND M'AFRIKA XABA, P (2021) Decolonising Kirstenbosch: confronting the violent past of South Africa's botanical gardens. *The Architectural Review* published on 28/01/2021 Available online: <https://www.architectural-review.com/essays/decolonising-kirstenbosch-confronting-the-violent-past-of-south-africas-botanical-gardens> (Accessed July 2023)
- BORSCH, T., and LÖHNE, C. (2014). Botanic gardens for the future: integrating research, conservation, environmental education, and public recreation. *Ethiopian Journal of Biological Sciences*, 13(supp), pp. 115-133.

- BOURDIEU, P. (1986) The forms of capital. In J. Richardson (Ed.) *Handbook of Theory and Research for the Sociology of Education*. Greenwood, New York. pp. 241-258.
- BOSTRÖM, M. (2012) A missing pillar? Challenges in theorizing and practicing social sustainability: introduction to the special issue, *Sustainability: Science, Practice and Policy*, 8:1, pp. 3-14
- BRADSHAW A. D. (1987) Chapter 2: Restoration: An Acid Test for Ecology. In eds. JORDON, GILPIN and ABER, *Restoration Ecology: A Synthetic Approach to Ecological Research*, 23–29. Cambridge, UK: Cambridge University Press.
- BROCKWAY, L. H. (2002). *Science and Colonial Expansion: The Role of the British Royal Botanic Gardens*. United Kingdom: Yale University Press.
- BRULON SOARES, B. and LESHCHENKO, A. (2018). Museology in Colonial Contexts: A Call for Decolonisation of Museum Theory. *ICOFOM Study Series*, (46), pp. 61-79.
- BRUSH, S. B. (1993). Indigenous Knowledge of Biological Resources and Intellectual Property Rights: The Role of Anthropology. *American Anthropologist*, 95(3), pp. 653–671.
- BUDOWSKI, G. (1976). The Global Problems of Conservation and the Potential Role of Living Collections. In eds. SIMMONS, J.B., BEYER, R.I., BRANDHAM, P.E., LUCAS, G.L., and PARRY, V.T.H. *Conservation of Threatened Plants*. NATO Conference Series, vol 1. Springer, Boston, MA.
- CAMPBELL, J. (1993). *The hero with a thousand faces* (3rd ed.). Novato, CA: New World Library.
- CANNON, C. H. and KUA, C. S. (2017). Botanic gardens should lead the way to create a "Garden Earth" in the Anthropocene. *Plant Diversity*. 2017 Nov 24;39(6): pp. 331-337.
- CATAHAN, N. and WOODRUFFE-BURTON, H. (2019). The view, brew & loo: perceptions of botanic gardens? *Journal of Place Management and Development*. 12. pp. 20-38.
- CAVENDER, N., SMITH, P. and MARFLEET, K. (2019) *BGCI Technical Review: The role of botanic gardens in urban greening and conserving urban biodiversity*. Botanic Gardens Conservation International. Richmond. United Kingdom.
- CHATTERJEE, S. (2021) The Long Shadow of Colonial Science. Noema Magazine published by the Berggruen Institute, published on 11/04/2021, Available online: Permalink: <https://www.noemamag.com/the-long-shadow-of-colonial-science/> (accessed July 2023)
- CHEN, G. and SUN, W. (2018) The role of botanical gardens in scientific research, conservation, and citizen science, *Plant Diversity*, Volume 40, Issue 4, pp. 181-188,

- CIBRIAN-JARAMILLO, A., HIRD, A., OLEAS, N., MA, H., MEEROW, A. W., FRANCISCO-ORTEGA, F. and GRIFFITH, M. P. (2013) What is the Conservation Value of a Plant in a Botanic Garden? Using Indicators to Improve Management of *Ex-situ* Collections. *Bot. Rev.* 79, pp. 559–577.
- COHEN-SHACHAM, E., WALTERS, G., JANZEN, C. and MAGINNIS, S. eds. (2016). *Nature-based Solutions to address global societal challenges*. Gland, Switzerland: IUCN. xiii + 97pp.
- CORNISH, C. and NESBITT, M. (2018). The life cycle of a museum. In von ZINNENBURG CARROLL eds. *Botanical drift: Protagonists of the invasive herbarium*. Sternberg Press.
- CULLEN, J. (2004). Wild Origin Material - The Sine Qua Non of Botanic Garden Collections? *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (2), 21–25.
- CUNNINGHAM, A. (1996). "The Culture of Gardens." In eds. Jardines, Secord and Spary *Cultures of Natural History*, 38–56. Cambridge: Cambridge University Press.
- CURRIE-ALDER, B. (2016). The state of development studies: Origins, evolution, and prospects. *Canadian Journal of Development Studies/Revue canadienne d'études du développement*, 37(1), pp. 5–26.
- DAES, E. I. (2001). Intellectual property and Indigenous peoples. *Proceedings of the Annual Meeting (American Society of International Law)*, 95, pp. 143–150.
- DALY, H. E. (2006). *Sustainable development—definitions, principles, policies*. In M. Keiner (ed.), *The future of sustainability* (pp. 39-53). Dordrecht: Springer Netherlands.
- DANIEL, J., RUSSO, A., and BURFORD, B. (2023). How might we utilise the concept of botanic gardens in urban contexts to challenge plant blindness? *Biodiversity and Conservation*, 32(7), pp. 2345-2364.
- D'AMATO, D. (2021) Sustainability Narratives as Transformative Solution Pathways: Zooming in on the Circular Economy. *Circular Economy and Sustainability*. 1, pp. 231–242.
- DEMPEWOLF, H., KRISHNAN, S., and GUARINO, L. (2023). Our shared global responsibility: Safeguarding crop diversity for future generations. *Proceedings of the National Academy of Sciences*, 120(14).
- DELMAS, M., LARPIN, D. and HAEVERMANS, T. (2011) Rethinking the links between systematic studies and ex situ living collections as a contribution to the Global Strategy for Plant Conservation. *Biodiversity and Conservation* 20 (2), pp. 287-294,

DESVALLÉES, A. and MAIRESSE, F. (2010) Key concepts of museology. ICOM International Committee for Museology (ICOFOM) Armand Colin, Paris Available online: [https://icom.museum/wp-content/uploads/2018/07/Museologie\\_Anglais\\_BD.pdf](https://icom.museum/wp-content/uploads/2018/07/Museologie_Anglais_BD.pdf) (accessed July2023)

DHYANI, A., AND ABELI, T. (2022) Plant Translocation for Threatened Species Conservation. *Proceedings*. 2022; 80(1):1

DOBSON, J. (2018). From contest to context: urban green space and public policy. *People, Place and Policy Online*, 12(2), pp. 72-83.

DODD, J., and JONES, C. (2010). *Redefining the role of botanic gardens: Towards a new social purpose*. Leicester, UK: Research Centre for Museums and Galleries (RCMG). Botanic Garden Conservation International. Richmond. United Kingdom

DONALDSON, J. S. (2009) Botanic gardens science for conservation and global change, *Trends in Plant Science*, Volume 14, Issue 11, pp. 608-613.

DOSMANN, M.S. (2006) Research in the garden: Averting the collections crisis. *The Botanical Review*. 72, pp. 207–234.

DUNN, C. P. (2017). Biological and cultural diversity in the context of botanic garden conservation strategies, *Plant Diversity*, Volume 39, Issue 6, pp. 396-401.

DRAYTON, R. (2000) *Nature's Government: Science, Imperial Britain, and the "Improvement" of the World* Yale: Yale University Press, 2000.

ELMQVIST, T. (2019). The Urban Planet: Challenges and Opportunities for Sustainability. In: FERNÁNDEZ-PRADO, M., DOMÍNGUEZ CASTRO, L. (eds) *City Policies and the European Urban Agenda*. Palgrave Macmillan, Cham.

ELSHATER, A., ABUSAADA, H. and ALWAER, H. (2022) Proceedings of the Institution of Civil Engineers - *Urban Design and Planning* 175:3, pp. 98-102

ENDERSBY, J. (2019). Gardens of Empire: Kew and the Colonies. Available online: [https://www.gresham.ac.uk/sites/default/files/2019-12-02\\_JimEndersby-KewGardens-T.pdf](https://www.gresham.ac.uk/sites/default/files/2019-12-02_JimEndersby-KewGardens-T.pdf) (accessed July 2023)

ENSSLIN, A., TSCHÖPE, O., BURKART, M., and JOSHI, J. (2015). Fitness decline and adaptation to novel environments in *ex-situ* plant collections: Current knowledge and future perspectives. *Biological conservation*, 192, pp. 394-401.

ERRINGTON, S., HONEYMAN, B., and STOCKLMEYER, S. M. eds. (2001). *Using museums to popularise science and technology*. Commonwealth Secretariat.

ERSHAD SARABI, S., HAN, Q. L., ROMME, A. G., DE VRIES, B. and WENDLING, L. (2019) Key Enablers of and Barriers to the Uptake and Implementation of Nature-Based Solutions in Urban Settings: A Review. *Resources*. 8(3):121.

ETYMOLOGY ONLINE (2023a) 'Whim' Available online:

[https://www.etymonline.com/word/whim#:~:text=whim%20\(n.\),a%20shortened%20form%20of%20whimsy](https://www.etymonline.com/word/whim#:~:text=whim%20(n.),a%20shortened%20form%20of%20whimsy). (accessed July 2023)

ETYMOLOGY ONLINE (2023b) 'Curation' noun. Available online:

<https://www.etymonline.com/word/curation> (accessed July 2023)

EUROPEAN COMMISSION (2015). *Towards an EU research and innovation policy agenda for nature-based solutions and re-naturing cities: final report of the Horizon 2020 expert group on 'Nature-based solutions and re-naturing cities': (full version)*. Directorate-General for Research and Innovation. Publications Office. Available online: <https://data.europa.eu/doi/10.2777/479582> (accessed June 2023)

FANT, J. B., HAVENS, K., KRAMER, A. T., WALSH, S. K., CALLICRATE, T., LACY, R. C., MAUNDER, M., MEYER, A. H. and SMITH, P. P. (2016). What to do when we can't bank on seeds: What botanic gardens can learn from the zoo community about conserving plants in living collections. *American Journal of Botany*, 103(9), pp. 1541-1543.

Faraji, L., Karimi, M. (2022) Botanical gardens as valuable resources in plant sciences. *Biodiversity and Conservation* 31, 2905–2926.

FEHLING, M., NELSON, B. D. and VENKATAPURAM, S. (2013) Limitations of the Millennium Development Goals: a literature review. *Global Public Health*. 8(10): pp. 1109-22.

FREDIANI, K. (2009a). De Hortus Botanicus Amsterdam: Developing Themes in an Established Collection. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (7), pp. 121–138.

FREDIANI, K. (2009b). The ethical use of plants in zoos: informing selection choices, uses and management strategies. *International Zoo Yearbook*, 43(1), pp. 29-52.

FREDIANI, K., MCGILCHRIST, M., and MCGEORGE, J. (2022). Emergence and transition: 50 years of innovation at Dundee's Botanic Garden. *City Scene*, (2022). Available online: <https://www.dundeecivictrust.co.uk/city-scene-2022/> (accessed August 2023).

FORBES, S. (2008). *How botanic gardens changed the world*. In *Proceedings of the History and Future of Social Innovation Conference*. Hawke Research Institute for Sustainable Societies, University of South Australia (pp. 1-6). June Available online: <https://www.unisa.edu.au/siteassets/episerver-6-files/documents/eass/hri/social-innovation-conference/forbes.pdf> (accessed August 2023)

FORBES, S. J. (2016) Collections and knowledge: constancy and flux in a sixteenth-century botanic garden, *Studies in the History of Gardens and Designed Landscapes*, 36:4, 245-260,

FORGAN, S. (2005). Building the Museum: Knowledge, Conflict, and the Power of Place. *Isis*, 96(4), pp. 572-585. <https://doi.org/10.1086/498594>

FOSTER, E., LOVE, J., RADER, R., REID, N., and DRIELSMA, M. J. (2017). Integrating a generic focal species, metapopulation capacity, and connectivity to identify opportunities to link fragmented habitat. *Landscape Ecology*, 32(9), pp. 1837-1847.

GADGIL, M., BERKES, F. and FOLKE, C. (2021) Indigenous knowledge: From local to global. *Ambio* 50, pp. 967–969.

GARDNER, M. F. (2021). Managing botanic garden collections of high conservation value. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (20), 81–94.

GATES, G. (2007). Characteristics of an Exemplary Living Collection. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (5), pp. 51–61.

GEORGESON, L., and MASLIN, M. (2018). Putting the United Nations Sustainable Development Goals into practice: A review of implementation, monitoring, and finance. *Geo: Geography and Environment*, 5(1).

GILBERT, P. (2021) Creating a Compassionate World: Addressing the Conflicts Between Sharing and Caring Versus Controlling and Holding Evolved Strategies. *Frontiers in Psychology*. V11. Pp. 1-38.

GILLMAN, L. N. and WRIGHT, S. D. (2020) Restoring indigenous names in taxonomy. *Communications Biology* 3, 609.

GIOVANETTI, M., GIULIANI, C., BOFF, S., FICO, G., and LUPI, D. (2020). A botanic garden as a tool to combine public perception of nature and life-science investigations on native/exotic plants interactions with local pollinators. *PLoS One*, 15(2).

GOLDING, J., GÜSEWELL, S., KREFT, H., KUZEVANOV, V., LEHVÄVIRTA, S., PARMENTIER, I. and PAUTASSO, M. (2010). Species-richness patterns of the living collections of the world's botanic gardens: A matter of socio-economics? *Annals of botany*. 105. Pp. 689-96.



GRATZFELD, J. ed. (2016). *From Idea to Realisation – BGCI’s Manual on Planning, Developing and Managing Botanic Gardens*. Botanic Gardens Conservation International, Richmond, United Kingdom.

GREEN, M. L. (1927). History of Plant Nomenclature. *Bulletin of Miscellaneous Information* (Royal Botanic Gardens, Kew), (10), pp. 403–415.

GRIFFITH M.P. (2021) Global ex situ Conservation of Palms: Living Treasures for Research and Education *Frontiers in Forests and Global Change* (4).

GRIFFITH, M. P., CARTWRIGHT, F., DOSMANN, M., FANT, J., FREID, E., HAVENS, K., KRAMER, A. T., MAGELLAN, T. M., MEEROW, A. W., MEYER, A., SANCHEZ, V., SANTIAGO-VALENTÍN, E. SPENCE, E. SUSTASCHE-SUSTACHE, J. A., FRANCISCO-ORTEGA, J., and HOBAN, S. (2021). *Ex-situ* conservation of large and small plant populations illustrates limitations of common conservation metrics. *International Journal of Plant Sciences*, 182 (4), pp. 263-276.

GRIFFITH, M. P., CLASE, T., TORIBIO, P., PIÑEYRO, Y. E., JIMENEZ, F., GRATACOS, X., SANCHEZ, V., MEEROW, A., MEYER, A., KRAMER, A., FANT, J., HAVENS, K., MAGELLAN, T. M., DOSMANN, M., and HOBAN, S. (2020). Can a botanic garden metacollection better conserve wild plant diversity? A case study comparing pooled collections with an ideal sampling model. *International Journal of Plant Sciences*, 181(5), 485-496.

GRININ, L., GRININ, A. and KOROTAYEV, A. (2022) 20th Century revolutions: characteristics, types, and waves. *Humanities and social sciences communications* 9, 124.

HÄLLFORS, M., SCHULMAN, L., LINDÉN, L., AND AND HANNU. R. (2010). Testing bioclimatic hypotheses with botanic garden collections - curatorial considerations. In Proceedings of the 4th Global Botanic Garden Congress Available online:

<http://www.bgci.org/resources/FourthGlobalBotanicgardensCongress> (accessed: July 2023)

HAMDAN, M. F., MOHD NOOR, S. N., ABD-AZIZ, N., PUA, T. L. and TAN, B. C. (2022) Green Revolution to Gene Revolution: Technological Advances in Agriculture to Feed the World. *Plants (Basel)*. May 12;11(10): 1297.

HAMES, R. S., ROSENBERG, K. V., LOWE, J. D. and DHONDT, A. A. (2001). Site occupation in fragmented landscapes: testing predictions of metapopulation theory. *Journal of Animal Ecology*, 70, pp. 182-190.

HAO, D. C. and XIAO, P. G. (2015) Genomics and Evolution in Traditional Medicinal Plants: Road to a Healthier Life. *Evolutionary Bioinformatics Online*. Oct 4;11: pp. 197-212.

HARDIN, G. (1968). The Tragedy of the Commons. *Science*. 162 (3859): pp. 1243–1248.

HARDWICK, K. A., FIEDLER, P., LEE, L. C., PAVLIK, B., HOBBS, R. J., ARONSON, J., BIDARTONDO, M., BLACK, E., COATES, D., DAWS, M.I., CULLEN, K., ELLIOTT, S., EWING, K., GANN, G., GIBBONS, D., GRATZFELD, J., HAMILTON, M., HARDMAN, D., HARRIS, J., HOLMES, P.M., JONES, M., MABBERLY, D., MACKENZIE, A., MAGDALENA, C., MARRS, R., MILLIKEN, W., MILLS, A., LUGHADHA, E.N., RAMSAY, M., SMITH, P., TAYLOR, N., TRIVEDI, C., WAY, M., WHALEY, O. and HOPPER, S. D. (2011). The role of botanic gardens in the science and practice of ecological restoration. *Conservation Biology*, 25(2), pp. 265-275.

HARZING, A.W. (2007) Publish or Perish, Available online: <https://harzing.com/resources/publish-or-perish> (accessed March 2023)

HE, H., and CHEN, J. (2012). Educational and enjoyment benefits of visitor education centers at botanical gardens. *Biological Conservation*, 149(1), pp. 103-112.

HEYD, T. (2006). Thinking through Botanic Gardens. *Environmental Values*, 15(2), pp. 197–212.

HEYWOOD, V.H. (1992). Botanic gardens and conservation: new perspectives. *Opera Botanica* 113, Copenhagen.

HEYWOOD, V.H. (2011) The role of botanic gardens as resource and introduction centres in the face of global change. *Biodiversity Conservation* vol 20, pp. 221–239

HEYWOOD, V. H. (2017) The future of plant conservation and the role of botanic gardens, *Plant Diversity*, Volume 39, Issue 6, pp. 309-313

HILL, A. W. (1915). The History and Functions of Botanic Gardens. *Annals of the Missouri Botanical Garden*, 2(1/2), pp. 185–240.

HILL, R., ADEM, Ç., ALANGUI, W. V., MOLNÁR, Z., AUMEERUDDY-THOMAS, Y., BRIDGEWATER, P., TENGÖ, M., THAMAN, R., ADOU YAO, C. Y., BERKES, F., CARINO, J., CARNEIRO DA CUNHA, M., DIAW, M. C., DÍAZ, S., FIGUEROA, V. E., FISHER, J., HARDISON, P., ICHIKAWA, K., KARIUKI, P., KARKI, M., LYVER, P. O. B., MALMER, P., MASARDULE, O., OTENG YEBOAH, A. A., PACHECO, D., PATARIDZE, T., PEREZ, E., ROUÉ, M. M., ROBA, H., RUBIS, J., SAITO, O. and XUE, D. (2020). Working with Indigenous, local, and scientific knowledge in assessments of nature and nature’s linkages with people. *Current Opinion in Environmental Sustainability*, 43, 8-20.

HINDLE, K., KLYVER, K., and JENNINGS, D.F. (2009). An "Informed" Intent Model: Incorporating Human Capital, Social Capital, and Gender Variables into the Theoretical Model of Entrepreneurial Intentions. In: Carsrud, A., Brännback, M. (eds) *Understanding the Entrepreneurial Mind. International Studies in Entrepreneurship*, vol 24. Springer, New York, NY.

HIRONS, A. D., WATKINS, J. H. R., BAXTER, T. J., MIESBAUER, J. W., MALE-MUÑOZ, A., MARTIN, K. W., BASSUK, N. L. and SJÖMAN, H. (2021). Using botanic gardens and arboreta to help identify urban trees for the future. *Plants, People, Planet*, 3(2), 182-193.

HOHN, T.C. (2007) *Curatorial practices for Botanic Gardens*. AltaMira Press. Plymouth United Kingdom.

HOHN, T. C. (2022) *Curatorial practices for Botanic Gardens*. 2<sup>nd</sup> edition. Rowman and Littlefield. London

HASSOUNA, S. (2023). Cultivating biodiverse futures at the (postcolonial) botanical garden. *Transactions of the Institute of British Geographers*. Vol. 00 pp. 1–16.

HOWARD, R. A. (1954). A History of the Botanic Garden of St. Vincent, British West Indies. *Geographical Review*, 44(3), pp. 381–393.

HURKA, H. (1994). Conservation genetics and the role of botanical gardens. In: LOESCHCKE, V., JAIN, S.K., TOMIUK, J. eds. *Conservation Genetics*. EXS, vol 68. Birkhäuser, Basel.

ILLERIS K. (2014) Transformative learning and identity. *Journal of Transformational Education*. 12: pp. 148–163.

IMPROVEMENT SERVICES (2021) Elective members briefing note: Nature Based Solutions Available online]: [https://www.improvementservice.org.uk/\\_data/assets/pdf\\_file/0019/26434/EM-Briefing-Nature-Based-Solutions.pdf](https://www.improvementservice.org.uk/_data/assets/pdf_file/0019/26434/EM-Briefing-Nature-Based-Solutions.pdf) (accessed July 2023)

INGO, B and LOVE, A. (2023) "Reductionism in Biology", The Stanford Encyclopaedia of Philosophy (Summer 2023 Edition), EDWARD N. ZALTA and URI NODELMAN eds. Available online: <https://plato.stanford.edu/archives/sum2023/entries/reduction-biology/> (accessed July 2023)

INTERNATIONAL ENERGY AGENCY. (2021). *Empowering Cities for a Net Zero Future: Unlocking Resilient, Smart, Sustainable Urban Energy Systems*. OECD Publishing.

IRVING, J. T. W. (2018a). Botanical Gardens Colonial Histories and Bioprospecting - Naming and Classifying the Plants of the World. In eds. ORLOW, U. and SHEIKH, S., *Theatrum Botanicum*, pp. 17–24. London: Sternberg Press.

IRVING, J. T. W. (2018b). Decentering European Medicine: The Colonial Context of the Early History of Botany and Medicinal Plants. In eds. ORLOW, U. and SHEIKH, S., *Theatrum Botanicum*, pp. 129-136. London: Sternberg Press.

IVKOVIĆ, A. F. (2016). Limitations of the GDP as a measure of progress and well-being. *Ekonomski vjesnik/Econviews-Review of Contemporary Business, Entrepreneurship and Economic Issues*, 29(1), pp. 257-272.

JUST TRANSITION ALLIANCE (2023) Just Transition Principles Available online:

<https://jtalliance.org/what-is-just-transition/> (accessed June 2023)

KAUL, S., AKBULUT, B., DEMARIA, F. and GERBER, J-F. (2022) Alternatives to sustainable development: what can we learn from the pluriverse in practice? *Sustainability Science* 17, pp. 1149–1158.

KELLY, D. A., WILSON, K., KALAICHELAM, A., and KNOTT, D. (2020). Hydrological and planting design of an experimental raingarden at the Royal Botanic Garden Edinburgh. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (19), 69–84.

KEMP, E. E. (1978). United Kingdom: A phytosociological layout for locally endangered species. In eds. SYNGE, H. and TOWNSEND, H. (1978) *Survival or Extinction*. Bentham-Moxon Trust, Royal Botanic Garden Kew. Pp. 135–139

KHOO, S. (2005). The Millennium Development Goals: A Critical Discussion. *Trocaire Development Review*: 43-56. Available online:

<https://www.trocaire.org/sites/default/files/resources/policy/millennium-development-goals-critique.pdf> (accessed June 2023)

KIMMERER, R. (2013). *Braiding sweetgrass: Indigenous wisdom, scientific knowledge, and the teachings of plants*. Milkweed editions. London

KITCHING, M., SHARROCK, S. AND SMITH, P. (2023). *Purpose and trends in exchange of plant material between botanic gardens*. BGCI Technical Review. BGCI, Richmond, UK.

KNOTT, D. (2021). Garden Profile: The Royal Botanic Garden Edinburgh at 350. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (20), 5–22.

KOTHARI, A., DEMARIA, F. and ACOSTA, A. (2014). Buen Vivir, degrowth and ecological Swaraj: alternatives to sustainable development and the green economy. *Development*. 57, pp. 362–375.

KRIEBEL, D., TICKNER, J., EPSTEIN, P., LEMONS, J., KRAWCHENKO, T. A., and GORDON, M. (2021). How do we manage a Just Transition? A comparative review of national and regional Just Transition initiatives. *Sustainability*, 13(11), 6070.

KRISHNAN, S., and NOVY, A. (2017). The role of botanic gardens in the twenty-first century. *CABI (Centre for Agriculture and Bioscience International) Reviews*, (2016), 1-10.2016, 11, pp. 1–10.

LAIRD, S. A. (Ed.). (2010). *Biodiversity and traditional knowledge: equitable partnerships in practice*. Routledge.

LEADLAY, E and GREENE, J. eds. (1998) *The Darwin Technical Manual for Botanic Gardens*. Botanic Garden Conservation International. Richmond, United Kingdom.

LOPEZ-VILLALOBOS, A., BUNSHA, D., AUSTIN, D., CADDY, L., DOUGLAS, J., HILL, A., KUBECK, K., LEWIS, P., STORMES, B., SUGIYAMA, R., and MOREAU, T. (2022) Aligning to the UN Sustainable Development Goals: Assessing Contributions of UBC Botanical Garden, *Sustainability*, 14, 10, (6275)

LUYSSAERT, S., JAMMET, M., STOY, P., ESTEL, S., PONGRATZ, J., CESCHIA, E., CHURKINA, G., DON, A., ERB, K., FERLICOQ, M., GIELEN, B., GRÜNWARD, T., HOUGHTON, R. A., KLUMPP, K., KNOHL, A., KOLB, T., KUEMMERLE, T., LAURILA, T., LOHILA, A., LOUSTAU, D., MCGRATH, M. J., MEYFROIDT, P., MOORS, E. J., NAUDTS, K., NOVICK, K., OTTO, J., PILEGAARD, K., PIO, C. A., RAMBAL, S., REBMANN, C., RYDER, J., SUYKER, A. E., VARLAGIN, A., WATTENBACH, M. and DOLMAN, A. J. (2014) Land management and land-cover change have impacts of similar magnitude on surface temperature. *Nature Climate Change* 4, pp. 389–393.

LYNCH, B. (2015). How Can Botanic Gardens Grow Their Social Role. Lessons from the Communities in Nature Programme, 1-28. Calouste Gulbenkian Foundation, London Available online:

<https://stories.rbge.org.uk/wp-content/uploads/2015/11/Gulbenkian-BGCI-Ir.pdf> (accessed June 2023)

MACFARLANE, L., and BRETT, M. (2022). Community wealth building and a Just Transition to net zero. Community Land Scotland Available online: <https://justtransitionforall.com/wp-content/uploads/2022/12/Report-2022-Community-Wealth-Building-and-a-Just-Transition-to-Net-Zero.pdf> (accessed July 2023)

MAROEVIĆ, I. (1998). The museum exhibition as presentation and representation of knowledge. *Museological Review*, 5, pp. 1-13.

MARTEN, G. G. (2001). *Human ecology: Basic concepts for sustainable development*. Earthscan.

- MCCAFFREY, R. (2007). The effect of healing gardens and art therapy on older adults with mild to moderate depression. *Holistic Nursing Practice*, 21(2), pp. 79-84.
- MCCAULEY, D. M., and HEFFRON, R. (2018). Just Transition: Integrating climate, energy, and environmental justice. *Energy Policy*, 119, pp. 1-7.
- MCNEILL, D. (2022), Botanic urbanism: The Technopolitics of Controlled Environments in Singapore's Gardens by the Bay. *Int. J. Urban Reg. Res.*, 46: pp. 220-234.
- MCCLOSKEY, S. (2015). *From MDGs to SDGs: We need a critical awakening to succeed*. Policy & practice: a development education review, 12. Centre for Global Education pp. 186-194
- MCCRACKEN, D. P. (1997). *Gardens of Empire: Botanical Institutions of the Victorian British Empire*. Leicester University Press, Leicester, United Kingdom.
- MENSAH, J. (2019). Sustainable development: Meaning, history, principles, pillars, and implications for human action: Literature review. *Cogent social sciences*, 5(1), 1653531.
- MELHEM, M., FORREST, A., ABUNNASR, Y., ABIALI, R., and TALHOU, S. N. (2023) How to transform urban institutional green spaces into Ancillary Botanic Gardens to expand informal botanical learning opportunities in cities. *Scientific Reports*. 13: 15646.
- MICKLEWRIGHT, N., and O'MALLEY, T. (2022). Annie Lady Brassey's Photographic Albums and Writings: Botanical Gardens in the Creation of Empire and Place. In JUNGE and NOLEN, eds. *Survey Practices and Landscape Photography Across the Globe*, Routledge. London. p. 157.
- MILLER, H., BAILEY, C. and SMITH, P. (2020) *BGCI Technical Review: The role of botanic gardens in practising and promoting environmental sustainability*. Botanic Gardens Conservation International. Richmond. United Kingdom.
- MILLER, B., CONWAY, W., READING, R. P., WEMMER, C., WILDT, D., KLEIMAN, D., MONFORT, S., RABINOWITZ, A. ARMSTRONG, B. and HUTCHINS, M. (2004). Evaluating the conservation mission of zoos, aquariums, botanical gardens, and natural history museums. *Conservation Biology*, 18(1), pp. 86-93.
- MILLER-RUSHING, A., PRIMACK, R. and BONNEY, R. (2012) The history of public participation in ecological research. *Frontiers in Ecology and the Environment*, 10: pp. 285–290.
- MITLIN, D. (1992) Sustainable development: a guide to the literature. *Environment and Urbanisation*. 4 SRC-B, pp. 111–124.

MONASTERSKY, R. (2015) Anthropocene: The human age. *Nature* 519, pp. 144–147.

MURPHY, O. (2018) *Museum Studies as Critical Praxis: Developing an Active Approach to Teaching, Research and Practice*, in Tate Papers no.29, Available online:

<https://www.tate.org.uk/research/tate-papers/29/museum-studies-critical-praxis> , (accessed 26 May 2023).

NATURE. (2017) 'Nature-based Solutions' is the latest green jargon that means more than you might think. *Nature* 541, pp. 133–134.

NESSHÖVER C, ASSMUTH T, IRVINE KN, RUSCH GM, WAYLEN KA, DELBAERE B, HAASE D, JONES-WALTERS L, KEUNE H, KOVACS E, KRAUZE K, KÜLVIK M, REY F, VAN DIJK J, VISTAD OI, WILKINSON ME, and WITTMER H. (2017) The science, policy, and practice of Nature-based Solutions: An interdisciplinary perspective. *Sci Total Environ.* 2017 Feb 1;579: pp. 1215-1227

NEVES, K. (2019). Tackling the invisibility of abeyant resistance to mainstream biodiversity conservation: Social movement theory and botanic garden agency. *Geoforum*, 98, 254-263.

NEVES, K. (2021). Lay Expertise, Botanical Science, and Botanic Gardens as "Contact Zones." In Oxford Research Encyclopedia of Environmental Science.

NEWMAN, P., and JENNINGS, I. (2012). *Cities as sustainable ecosystems: principles and practices*. Island press.

NICOL, P., and PARDOE, H. (2022). Curating with Communities for Well-being: Exploring an Amgueddfa Cymru–National Museum Wales Biocultural Collection through Community Workshops. *Museum and Society*, 20(2), 302-320.

NICOLSON, D. H. (1991). A history of botanical nomenclature. *Annals of the Missouri Botanical Garden*, pp. 33-56.

NIGHTINGALE, E. and MAHAL, C. (2012) "The Heart of the Matter: Integrating Equality and Diversity into the Policy and Practice of Museums and Galleries." In eds. SANDELL and NIGHTINGALE *Museums, Equality and Social Justice*, pp. 13-37. London: Routledge.

NIGHTINGALE, E. and SANDELL, R. (2012) "Introduction." In eds. Sandell and NIGHTINGALE, *Museums, Equality and Social Justice*, pp. 1-9. London: Routledge.

NOMIKOU, E. (2015) Museology without a Prefix: Some Thoughts on the Epistemology and Methodology of an Integrated Approach, *ICOFOM Study Series*, 43a | 2015, pp. 203-215.

NUALART, N., IBÁÑEZ, N., SORIANO, I. and LÓPEZ-PUJOL, J. (2017) Assessing the Relevance of Herbarium Collections as Tools for Conservation Biology. *The Botanical Review*. 83, pp. 303–325

O'NEILL, M. (2006) Essentialism, adaptation, and justice: Towards a new epistemology of museums, *Museum Management and Curatorship*, 21:2, pp. 95-116.

O'NEILL, D. W., FANNING, A. L., LAMB, W. F. and STEINBERGER, J. K. (2018) A good life for all within planetary boundaries. *Nature Sustainability* 1: pp.88–95

PACKER, J. and BALLANTYNE, R. (2002), Motivational Factors and the Visitor Experience: A Comparison of Three Sites. *Curator: The Museum Journal*, 45: pp. 183-198.

PARK, D.S., FENG, X., AKIYAMA, S. S., ARDIYANI, M., AVENDAÑO, N., BARINA, Z., BÄRTSCHI, B., BELGRANO, M., BETANCUR, J., BIJMOER, R., BOGAERTS, A., CANO, A., DANIELKA, J., GARG, A., GIBLIN, D. E., GOGOI, R., GUGGISBERG, A., HYVÄRINEN, M., JAMES, S. A., SEBOLA, R. J., KATAGIRI, T., KENNEDY, J. A., KOMIL, T. SH., LEE, B., LEE, S. M. L., MAGRI, D., MARCUCCI, R., MASINDE, S., MELNIKOV, D., MRÁZ, P., MULENKO, W., MUSILI, P., MWACHALA, G., NELSON, B. E., NIEZGODA, C., SEPÚLVEDA, C. N., ORLI, S., PATON, A., PAYETTE, S., PERKINS, K. D., PONCE, M. J., RAINER, H., RASINGAM, L., RUSTIAMI, H., SHIYAN, N. M., BJORÅ, C. S., SOLOMON, J., STAUFFER, F., SUMADIJAYA, A., THIÉBAUT, M., THIERS, B. M., TSUBOTA, H., VAUGHAN, A., VIRTANEN, R., WHITFELD, T. J. S., ZHANG, D., ZULOAGA, F. O. and DAVIS, C. C. (2023) The colonial legacy of herbaria. *Nature Human Behaviour* 7, pp. 1059–1068

PAUTASSO, M., PARMENTIER, I. (2007) Are the living collections of the world's botanical gardens following species-richness patterns observed in natural ecosystems? *Botanica Helvetica* (117), pp. 15–28

PEÑA, D. G. (2006) Putting knowledge in its place: Epistemologies of place-making in a time of globalization. In *Plenary Address presented at the Place Matters Conference*, Diversity Research Institute, University of Washington, Urban Horticulture Centre. Available online:

[http://www.acequiainstitute.org/assets/Putting\\_knowledge\\_in\\_its\\_place\\_Plenary\\_Address\\_-\\_Place\\_Matters\\_Conference\\_Oct\\_2006\\_.pdf](http://www.acequiainstitute.org/assets/Putting_knowledge_in_its_place_Plenary_Address_-_Place_Matters_Conference_Oct_2006_.pdf) (Accessed June 2023)

PRIMACK, R.B. and MILLER-RUSHING, A.J. (2009), The role of botanical gardens in climate change research. *New Phytologist*, 182: pp. 303-313.

POWLEDGE, F. (2011) The Evolving Role of Botanical Gardens: Hedges against extinction, showcases for botany? *BioScience*, Volume 61, Issue 10, October 2011, pp. 743–749,



- RAE, D. (2011) Fit for purpose: the importance of quality standards in the cultivation and use of live plant collections for conservation. *Biodiversity and Conservation* 20, pp. 241–258
- RAKOW, D. A., and LEE, S. A. (2015). Western botanical gardens: history and evolution. *Horticultural Reviews: Volume 43*, pp. 269-310.
- RAMMELOO, J., and APLIN, D. (2007). Are botanic gardens doing enough for conservation in Europe? In *Building a sustainable future: the role of botanic gardens. Proceedings of the 3rd Global Botanic Gardens Congress, Wuhan, China, 16-20 April 2007* (pp. 1-6). Botanic Gardens Conservation International.
- RAHAYU, E. M. D., and YUSRI, S. (2021) Bogor Botanic Gardens as a nature-based solution for mitigating urban heat island and microclimate regulation. In *IOP Conference Series: Earth and Environmental Science* 914, (1), p. 012050.
- RAZZAGHI A. S. (2022). Re-powering the Nature-Intensive Systems: Insights from Linking Nature-Based Solutions and Energy Transition. *Frontiers in Sustainable Cities*, 4, 860914.
- RBG Kew (2020) Governance at Royal Botanic Gardens, Kew. Version: 0.7, March 2020, Richmond. United Kingdom Available online: <https://www.kew.org/sites/default/files/2020-09/13052%20Governance%20at%20RBG%20Kew%20AC.pdf> (accessed, June 2023)
- RBG Kew (2021) RBG Kew: Sustainability Strategy. Richmond. United Kingdom Available online: [https://www.kew.org/sites/default/files/2021-06/RBGK%20Sustainability%20Strategy\\_Final\\_June%202021\\_0.pdf](https://www.kew.org/sites/default/files/2021-06/RBGK%20Sustainability%20Strategy_Final_June%202021_0.pdf) (accessed June 2023)
- REID, A., DILLON, J., ARDOIN, N., and FERREIRA, J. A. (2021). Scientists' warnings and the need to reimagine, recreate, and restore environmental education. *Environmental Education Research*, 27(6), 783-795.
- RICHARDSON, M., FREDIANI, K., MANGER, K., PIACENTINI, R., and SMITH, P. (2016). Botanic Gardens as Models of Environmental Sustainability: Managing environmental sustainability in times of rapid global change. In J. GRATZFELD (Ed.), *From Idea to Realisation: BGCI's Manual on Planning, Developing and Managing Botanic Gardens* (pp. 226-239). Botanic Garden Conservation International (BGCI). Richmond United Kingdom
- RODRÍGUEZ-LABAJOS, B. (2022). Artistic activism promotes three major forms of sustainability transformation. *Current Opinion in Environmental Sustainability*, 57, 101199.

RUGG, J., and SEDGWICK, M. eds. (2007). *Issues in curating contemporary art and performance*. Intellect Books. University of Chicago Press.

RUGGERIO, C. A. (2021) Sustainability and sustainable development: a review of principles and definitions. *Science of the total environment* 786 (2021) 147481

SACHS, J. (2005) *UN millennium project. 2005: investing in development: a practical plan to achieve the Millennium Development Goals*. Earthscan, London.

SALICK, J., KONCHAR, K., AND NESBITT, M. (2014). *Biocultural collections: needs, ethics, and goals. Curating biocultural collections: a handbook*. Richmond: Kew Publishing, 1-8.

SANDERS, D. L., RYKEN, A. E., and STEWART, K. (2018). Navigating nature, culture, and education in contemporary botanic gardens. *Environmental Education Research*, 24(8), pp. 1077-1084.

SACHSENMAIER, D. (2006). Global History and Critiques of Western Perspectives. *Comparative Education*, 42(3), 451–470.

SEDDON N, CHAUSSON A, BERRY, P., GIRARDIN C. A. J., SMITH, A. and TURNER B. (2020) Understanding the value and limits of Nature-based Solutions to climate change and other global challenges. *Phil. Trans. R. Soc. B* 375

SELLMANN, D., and BOGNER, F. X. (2013). Climate change education: Quantitatively assessing the impact of a botanical garden as an informal learning environment. *Environmental Education Research*, 19(4), pp. 415-429.

SCHEPELMANN, P., GOOSSENS, Y., and MAKIPAA, A. (2009). Towards sustainable development: Alternatives to GDP for measuring progress (No. 42). Wuppertal Spezial. Available online: <https://epub.wupperinst.org/frontdoor/deliver/index/docId/3486/file/WS42.pdf> (accessed June 2023)

SHOTT, M. J. (1996). An Exegesis of the Curation Concept. *Journal of Anthropological Research*, 52(3), pp. 259–280

SCHULZE, M. (2014). Things are changing Museums and the material turn. *Museological review*. Issue 18. Pp. 43-52. A Peer-Reviewed Journal Edited by the Students of the School of Museum Studies, University of Leicester. United Kingdom.

SHARROCK, S. and WYSE-JACKSON, P. (2016) *Plant Conservation and the Sustainable Development Goals: a policy paper prepared for the Global Partnership for Plant Conservation* Botanic Gardens Conservation International. Richmond. United Kingdom. Available online:

<https://www.bgci.org/resources/bgci-tools-and-resources/plant-conservation-and-the-sustainable-development-goals/> (accessed June 2023)

SCHULMAN, L., and LEHVÄVIRTA, S. (2011) Botanic gardens in the age of climate change. *Biodiversity Conservation* 20, pp. 217–220.

SIMSON, S., and STRAUS, M. (1997). *Horticulture as therapy: Principles and practice*. CRC Press.

SMITH, P. (2016). Building a Global System for the Conservation of all Plant Diversity: A Vision for Botanic Gardens and Botanic Gardens Conservation International. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (14), pp. 5–13.

SMITH, P. (2019). The challenge for botanic garden science. *Plants, People, Planet*, 1(1), pp. 38-43.

SMITH, P. and HARVEY-BROWN, Y. (2017) *BGCI Technical Review: Defining the botanic garden, and how to measure performance and success*. Botanic Gardens Conservation International. Richmond. United Kingdom.

SMITH, P. and HARVEY-BROWN, Y. (2018) *BGCI Technical Review: The economic, social, and environmental impacts of botanic gardens*. Botanic Gardens Conservation International. Richmond. United Kingdom.

SMITH, P. A. C. and SHARICZ, C. (2011) The shift needed for sustainability. *The Learning Organisation*, 18, pp. 73–86.

SOLOMONIAN, L. and DI RUGGIERO, E. (2021) The critical intersection of environmental and social justice: a commentary. *Global Health* 17, 30.

SPENCER, R. and CROSS, R. (2017). The origins of botanic gardens and their relation to plant science, with special reference to horticultural botany & cultivated plant taxonomy. *Muelleria*. 35. pp. 43-93.

STAGG, B. (2020). Developing a Pedagogy for Reducing ‘Plant Blindness.’ Published PhD thesis.

University of Exeter (United Kingdom). Available online:

<https://www.proquest.com/openview/d35a21ea152de1665ba6efada68b97db/1?pq-origsite=gscholar&cbl=51922&diss=y> (accessed August 2023)

STAGG, B. C., and DILLON, J. (2022). Plant awareness is linked to plant relevance: A review of educational and ethnobiological literature (1998–2020). *Plants, People, Planet*, 4(6), pp. 579-592.

STEFFEN, W., BROADGATE, W., DEUTSCH, L., GAFFNEY, O., and LUDWIG, C. (2015). The trajectory of the Anthropocene: The Great Acceleration. *The Anthropocene Review*, 2(1), pp. 81–98.

SUTHERLAND, W. and WORDLEY, C. (2017). Evidence complacency hampers conservation. *Nature Ecology & Evolution*. 1.

SYMES, P. and HART, C. (2021). The Climate Change Alliance: botanic garden horticulturists as agents for change. *Sibbaldia: The International Journal of Botanic Garden Horticulture*, (20), pp. 95–122.

TAYLOR, L. and HOCHULI, D. (2017). Defining greenspace: Multiple uses across multiple disciplines. *Landscape and Urban Planning*. 158. pp. 25-38.

UNITED NATIONS (2015) Transforming our world: the 2030 Agenda for Sustainable Development. UN Doc. A/RES/70/1 (September 25, 2015). Available online:

[https://www.un.org/en/development/desa/population/migration/generalassembly/docs/globalcompact/A\\_RES\\_70\\_1\\_E.pdf](https://www.un.org/en/development/desa/population/migration/generalassembly/docs/globalcompact/A_RES_70_1_E.pdf) (accessed May 2023)

UNITED NATIONS (2018) *World Urbanization Prospects: The 2018 Revision* (Accessed: 01:07/2013)

Available online: <https://population.un.org/wup/Publications/Files/WUP2018-KeyFacts.pdf> (accessed May 2023)

UNITED NATIONS ENVIRONMENT PROGRAMME (2020). *The Economics of Nature-based Solutions: Current Status and Future Priorities*. United Nations Environment Programme Nairobi.

UNIVERSITY OF DUNDEE (2021) Botanic Garden and Grounds Strategy. Compiled by FREDIANI, K. L. Available online: <https://www.dundee.ac.uk/corporate-information/botanic-garden-and-grounds-strategy> (accessed March 2023)

VAN DER VEEN, M. (2014). The materiality of plants: plant–people entanglements. *World Archaeology*, 46(5), pp. 799–812.

VANDEMOORTELE, J. (2015) Are the SDGs a major reboot or a sequel to the MDGs? OECD Available online: <https://oecd-development-matters.org/2015/12/08/are-the-sdgs-a-major-reboot-or-a-sequel-to-the-mdgs/> (accessed June 2023)

VERA, F. (2010). The shifting baseline syndrome in restoration ecology. In Hall, M. (Ed.). (2010). *Restoration and history: the search for a usable environmental past* (Vol. 8). Routledge. pp. 98-110.

VERMEULEN, T., and VAN DEN AKKER, R. (2010). Notes on metamodernism. *Journal of aesthetics and culture*, 2(1), 5677.

VOLIS, S. (2017). Conservation utility of botanic garden living collections: Setting a strategy and appropriate methodology. *Plant Diversity*, 39(6), pp. 365-372.

VON OSWALD, M. (2020). Troubling colonial epistemologies in Berlin's ethnologisches museum: Provenance research and the Humboldt forum. In eds. von OSWALD and TINIUS, *Across Anthropology: Troubling Colonial Legacies, Museums, and the Curatorial*, pp. 107-29. Leuven University Press, 2020.

von ZINNENBURG CARROLL, K. (2017). Introduction. In von ZINNENBURG CARROLL ed. *Botanical drift: Protagonists of the invasive herbarium*. Sternberg Press.

VUJCIC, M., TOMICEVIC-DUBLJEVIC, J., GRBIC, M., LECIC-TOSEVSKI, D., VUKOVIC, O., and TOSKOVIC, O. (2017). NbS for improving mental health and well-being in urban areas. *Environmental research*, 158, pp. 385-392.

WANG, X., and LO, K. (2021). Just Transition: A conceptual review. *Energy Research & Social Science*, 82, 102291.

WATKINS, H., HIRONS, A., SJÖMAN, H., CAMERON, R., and HITCHMOUGH, J. D. (2021). Can trait-based schemes be used to select species in urban forestry? *Frontiers in Sustainable Cities*, 3, 654618.

WARD, C. D., PARKER, C. M., and SHACKLETON, C. M. (2010). The use and appreciation of botanical gardens as urban green spaces in South Africa. *Urban Forestry & Urban Greening*, 9(1), pp. 49-55.

WAYLEN, K. (2006). *Botanic gardens: using biodiversity to improve human well-being*. Botanic Gardens Conservation International, Richmond, United Kingdom.

WESTWOOD, M., CAVENDER, N., MEYER, A., and SMITH, P. (2021). Botanic garden solutions to the plant extinction crisis. *Plants, People, Planet*, 3(1), pp. 22-32.

WHYTE, P. and LAMBERTON, G. (2020). Conceptualising Sustainability Using a Cognitive Mapping Method. *Sustainability*. 12.

WILLIAMS, C. (2004). Explorer, Botanist, Courier, or Spy? André Michaux and the Genet Affair of 1793. *Castanea*, 98–106.

WILLISON, J. and GREENE, J. T. (1994) *Environmental Education in Botanic Gardens Guidelines for developing individual strategies*. Botanic Gardens Conservation International. Richmond, United Kingdom.

WILLISON, J. (2006) *Education for Sustainable Development Guidelines for Action in Botanic Gardens*. Botanic Gardens Conservation International. Richmond. United Kingdom.

WOOD, J., BALLOU, J. D., CALLICRATE, T., FANT, J. B., GRIFFITH, M. P., KRAMER, A. T., LACY, R.C., MEYER, A., SULLIVAN, S., TRAYLOR-HOLZER, K., WALSH, S.K., AND HAVENS, K. (2020). Applying the zoo model to conservation of threatened exceptional plant species. *Conservation Biology*, 34(6), 1416-1425.

WOODWARD, I. (2012) Consumption as Cultural Interpretation: Taste, Performativity, and Navigating the Forest of Objects, in J. C. Alexander, R. N. Jacobs, and P. Smith (eds), *The Oxford Handbook of Cultural Sociology*, Oxford Handbooks. Available online: <https://doi.org/10.1093/oxfordhb/9780195377767.013.25> (accessed 10 June 2023).

WYSE JACKSON, P. W. and SUTHERLAND, L. A. (2017). Role of botanic gardens. In: *Reference Module in Life Sciences*. Elsevier. Available online: <http://dx.doi.org/10.1016/B978-0-12-809633-8.02046-X>. (accessed June 2023)

YOUNG, O. R. (1994). 2. The Problem of Scale in Human/Environment Relationships. *Journal of Theoretical Politics*, 6(4), pp. 429–447.

ZELENKA, I., MOREAU, T., LANE, O. and ZHAO, J. (2018) Sustainability education in a botanical garden promotes environmental knowledge, attitudes, and willingness to act, *Environmental Education Research*, 24:11, 1581-1596,