

ETNOBOTÁNICA Y ECOLOGÍA DE MALEZAS

Dra. Heike Vibrans Lindemann

- Correo electrónico: heike@colpos.mx
- Teléfono: 595 95 2 02 00 ext. 1335
- Categoría académica: Profesora Investigadora Titular
- Sistema Nacional de Investigadores (SNI): Nivel III desde el 1-1-2026
- Google Scholar: <https://scholar.google.es/citations?user=J5SKb7MAAAAJ>



Grados académicos

- 1983. Diplom-Biologin. Universidad de Bonn, Alemania.
- 1994. Doctora en Ciencias Naturales, Universidad de Bonn, Alemania.

Línea Generadora y/o Aplicación del Conocimiento (LGAC) Institucional

- Diversidad vegetal, Cambio climático, Productividad y Seguridad Alimentaria.

Cursos

- BOT624 Etnobotánica<
- BOT625 Botánica Económica

Publicaciones relevantes

- García-Hernández, K. Y., Katz, E., Colunga-GarcíaMarín, P., & Vibrans, H.* (2025). Hot and cold in the kitchen: classification of plant foods in a rural community of Oaxaca, México. Ecology of Food and Nutrition, 1-21. <https://doi.org/10.1080/03670244.2025.2538887>
- Sánchez-Reyes, G.A., Vibrans, H. & Rendón-Aguilar, B. (2024). How do farming practices influence the richness and floristic composition of weeds in some Mexican maize fields? Discover Agriculture 2: 122. <https://doi.org/10.1007/s44279-024-00134-y>
- Martínez-de la Cruz, I., Vibrans, H.*, L. Lozada-Pérez, A. Romero-Manzanares & M. Luna-Cavazos, M. (2024). Vegetación viaria en el municipio de Malinalco, Estado de México, México. Botanical Sciences 102(1): 318-345. <https://doi.org/10.17129/botsci.3416>
- García-Hernández, K. Y., Vargas-Guadarrama, L. A., & Vibrans, H.* (2023). Academic history, domains and distribution of the hot-cold system in Mexico. Journal of Ethnobiology and Ethnomedicine 19(1): 50. <https://doi.org/10.1186/s13002-023-00624-1>
- Ortiz Timoteo, J., Kainer, K. A., Luna Cavazos, M., García Moya, E., Sánchez Sánchez, O., & Vibrans, H.* (2023). Trees in pastures: local knowledge, management, and motives in tropical Veracruz, Mexico. Agroforestry Systems, 1-12. (nota: no tiene volumen o número, solo DOI). <https://doi.org/10.1007/s10457-023-00819-1>
- Sosa, V., L. O. Alvarado-Cárdenas, R. D. de Stefano, J. G. González-Gallegos, L. Hernández-Sandoval, R. Jiménez-Rosenberg, H. Ochoterena, A. Rodríguez, H. Vibrans, D. F. Angulo, 2023. The online Flora of Mexico: eFloraMEX. Botanical Sciences 101(2): 324-340. <https://doi.org/10.17129/botsci.3123>
- Casas, A., J. Blancas, J., H. Vibrans (2022). Perspectives of the ethnobotanical research in Mexico. In: A. Casas, J. J. Blancas Vázquez (eds.), Ethnobotany of the Mountain Regions of Mexico. Series

Ethnobotany of Mountain Regions, Springer Nature, Cham. https://doi.org/10.1007/978-3-319-77089-5_57

- Ruiz-Acevedo, A. D., Villaseñor, J. L., Burgos-Hernández, M., Uscanga-Mortera, E., & Vibrans, H.* (2023). Synanthropic species of Asteraceae in Michoacán, Mexico. *Revista Mexicana de Biodiversidad*, 94, e945120. <https://doi.org/10.22201/ib.20078706e.2023.94.5120>
- Sánchez-Ramos, C., H. Vibrans, M. Rivas-Guevara, E. Linares-Mazari, E. García-Moya, A. Saynes-Vásquez, 2023. Preserving healthy eating habits: quelites in the food system of a Nahua mountain community, Mexico. In: A. Casas, J. J. Blancas Vázquez (eds.), *Ethnobotany of the Mountain Regions of Mexico. Series Ethnobotany of Mountain Regions*, Springer Nature, Cham. https://doi.org/10.1007/978-3-319-77089-5_12-1
- Vibrans, H., A. Casas, 2022. Roads traveled and roads ahead: the consolidation of Mexican ethnobotany in the new millennium. *An essay. Botanical Sciences* 100(SPE): 263-289. <https://doi.org/10.17129/botsci.3190>
- Sánchez-Tlacuahuac, N., J. L. Pimentel-Equihua, V. Espinosa-Hernández, H. Vibrans*, 2022. What do monarchs feed on in winter? Nectar sources at hibernation sites. *Journal of Insect Conservation* 27: 181-191. <https://doi.org/10.1007/s10841-022-00433-z>
- López-Patiño, E.J., H. Vibrans, S. Moctezuma-Pérez, M. C. Chávez-Mejía, 2022. Ecological apparency, ethnobotanical importance and perceptions of population status of wild-growing medicinal plants in a reserve of south-central Mexico. *Journal of Ethnobiology Ethnomedicine* 18: 66. <https://doi.org/10.1186/s13002-022-00563-3>
- González-Gallegos, J. G., H. Vibrans, 2022. *Leucas martinicensis* (Lamiaceae, Lamioideae), a new naturalized species in Mexico. *Phytotaxa* 552(2): 166-170. <https://doi.org/10.11646/phytotaxa.552.2.4>
- Pérez-Postigo, I., H. Vibrans, J. Bendix, R. Cueva-Guzmán, 2021. Floristic composition and potential invasiveness of alien herbaceous plants in Western Mexico. *Revista de Biología Tropical*, 69(3): 1037-1054. <http://dx.doi.org/10.15517/rbt.v69i3.45855>
- Pérez-Postigo, I., J. Bendix, H. Vibrans, R. Cuevas-Guzmán, 2021. Diversity of alien roadside herbs along an elevational gradient in western Mexico. *NeoBiota* 65: 71 <https://doi.org/10.3897/neobiota.65.67192>
- García-Hernández, K. Y., H. Vibrans*, P. Colunga-GarcíaMarín, L. A. Vargas-Guadarrama, M. Soto-Hernández, E. Katz, M. Luna-Cavazos, 2021. Climate and categories: Two key elements for understanding the Mesoamerican hot-cold classification of illnesses and medicinal plants. *Journal of Ethnopharmacology* 266: 113419. <https://doi.org/10.1016/j.jep.2020.113419>
- Hanan-Alipi, A. M., H. Vibrans*, R. Vega-Frutis, C. R. Juárez-Rosete, R. Valdivia-Bernal, J. Velázquez-Fernández, 2021. Growth, reproduction and weediness: testing four related species on a gradient of synanthropy. *Botanical Sciences* 99(1): 43-57. <https://doi.org/10.17129/botsci.2599>
- Hernández-Villa, V., H. Vibrans*, E. Uscanga-Mortera, A. Aguirre-Jaimes, 2020. Floral visitors and pollinator dependence are related to flora display size and plant height in native weeds of central Mexico. *Flora* 262: 151505. <https://doi.org/10.1016/j.flora.2019.151505>

Sitios web

El Cuexcomate (blog): <http://www.cuexcomate.com/>

Jehuite (blog): <https://jehuite.blogspot.com/>

Malezas de México: <http://www.conabio.gob.mx/malezasdemexico/2inicio/home-malezas-mexico.htm>