

## Published texts

Montaño-Arias SA, Grether R, Camargo-Ricalde SL, Flores-Olvera MH (2020) Comparative wood anatomy of eight tree species of *Mimosa* sect. Batocaulon (Leguminosae) distributed in Mexico and their taxonomic implications. *Phytotaxa* 428(3):209-227. <https://doi.org/10.11646/phytotaxa.428.3.3>  
(Translated)

Susana Adriana Montaño-Arias, Sara Lucía Camargo-Ricalde, Rosaura Grether, David Díaz-Pontones. (2022). Seed morphology, anatomy and histochemistry in two Mexican species of *Mimosa* (Leguminosae, mimosoid clade), *Flora*, Volume 286, <https://doi.org/10.1016/j.flora.2021.151970>.  
(Translated)

Manuel Alberto Ayala-Ramos, Susana Adriana Montaño-Arias, Teresa Terrazas & Rosaura Grether. (2024). Ecological implications of stomatal density and stomatal index in the adult stage of *Mimosa* L. (Leguminosae, Caesalpinioideae). *Protoplasma* 261, 477–486 <https://doi.org/10.1007/s00709-023-01909-8>  
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Toledo-Ibelle P, Mas-Oliva J. Antioxidants in the Fight Against Atherosclerosis: Is This a Dead End? *Curr Atheroscler Rep*. 2018 May 21;20(7):36. <https://doi.org/10.1007/s11883-018-0737-7>  
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Ruiz-Suárez LG, Mar-Morales BE, García-Reynoso JA, Andraca-Ayala GL, Torres-Jardón R, García-Yee JS, Barrera-Huertas HA, Gavilán-García A, Basaldud Cruz R. (2018) Estimation of the Impact of Ozone on Four Economically Important Crops in the City Belt of Central Mexico. *Atmosphere*. 2018; 9(6):223. <https://doi.org/10.3390/atmos9060223>  
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J.S. García-Yee, R. Torres-Jardón, H. Barrera-Huertas, T. Castro, O. Peralta, M. García, W. Gutiérrez, M. Robles, J.A. Torres-Jaramillo, A. Ortíz-Álvarez, L.G. Ruiz-Suárez. (2018) Characterization of NO<sub>x</sub>-O<sub>x</sub> relationships during daytime interchange of air masses over a mountain pass in the Mexico City megalopolis. *Atmospheric Environment*, Volume 177. <https://doi.org/10.1016/j.atmosenv.2017.11.017>.  
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Víctor Velázquez-Castaneda, Rosaura Grether, Salvador Arias, Mahinda Martínez (2024). Estimation of Divergence Times and Reconstruction of Ancestral Morphological Characters of the Genus *Mimosa* (Leguminosae, Caesalpinioideae) *Systematic Botany*, 49(3):522-546 (2024). <https://doi.org/10.1600/036364424X17267811220443>  
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Zavaleta-Mancera, Hilda & Montaño, Susana & Camargo Ricalde, Sara Lucía & Grether, Rosaura. (2021). Effect of seed age on germination, seedling survival and growth of *Mimosa luisana* (Leguminosae). *Trees*. 35. <https://doi.org/10.1007/s00468-020-02031-5>  
(Translated)

Montserrath Medina-Acosta, Rosaura Grether, Susana Adriana Montaño-Arias, David Manuel Díaz-Pontones (2025). [Revisiting the inflorescence structure, the floral traits and pollen aggregations of four species of \*Mimosa\* \(Leguminosae, Caesalpinioideae\) occurring in Mexico.](https://doi.org/10.17129/botsci.3633) *Botanical Sciences*, Vol. 103 No. 2 (2025): April – June  
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Figueroa-Rodríguez, K. A., Ramírez Vásquez, J. D., Velasco Velasco, J., & Aguilar-Rivera, N. (2022). TRENDS AND RESEARCH ON COVID-19 AND FARMERS USING VOSVIEWER. *Agro Productividad*. <https://doi.org/10.32854/agrop.v15i11.2412>  
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Salgado Andrade, E. (2021). [Memes and semiotic processes related to the pandemic in Mexico](https://doi.org/10.32870/cys.v2021.7906). *Comunicación y Sociedad*, e7906. <https://doi.org/10.32870/cys.v2021.7906>  
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Hernández-Camacho N, et al. (2016) Gray fox (*Urocyon cinereoargenteus*) parasite diversity in central Mexico, *International Journal for Parasitology: Parasites and Wildlife*, Volume 5, Issue 2, pp. 207-210. <https://doi.org/10.1016/j.ijppaw.2016.06.003>.  
(Translated)

Zamora-Ledesma S, Hernández-Camacho N, et al. (2016) Presence of trypanosomatid antibodies in gray foxes (*Urocyon cinereoargenteus*) and domestic and feral dogs (*Canis lupus familiaris*) in Queretaro, Mexico. *Veterinary Parasitology: Regional Studies and Reports*, Volume 5, pp. 25-30, <https://doi.org/10.1016/j.vprsr.2016.08.005>.  
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Zamora-Ledesma S, Hernández-Camacho N, Sánchez-Moreno M, et al. Seropositivity for *Trypanosoma cruzi* and *Leishmania mexicana* in dogs from a metropolitan region of Central Mexico. *Vet Parasitol Reg Stud Reports*. 2020;22:100459. <https://doi.org/10.1016/j.vprsr.2020.100459>  
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Mendiola Almaraz L, Escobar Ramírez JL, Mejía JS, Magos Guerrero GA. (2017) [Effects profiles of complete aqueous extract and hexane and aqueous extracts of \*Phalaris canariensis\* L. seeds on fructose-induced metabolic syndrome in rats](https://doi.org/10.1016/j.ijhm.2017.04.005)  
*International Journal of Herbal Medicine* 2017; 5(4): 39-46  
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Rocío Aurora Sandoval Chávez, Ramón Álar Martínez Peniche, Sofía Arvizu Medrano, Lourdes Soto Muñoz, María del Socorro Chávaro Ortíz, Neus Teixidó Espasa, Rosario Torres Sanchis. (2014) Effect of maturity stage, ripening time, harvest year and fruit characteristics on the susceptibility to *Penicillium expansum* link of apple genotypes from Queretaro, Mexico, *Scientia Horticulturae*, Volume 180 <https://doi.org/10.1016/j.scienta.2014.10.014>  
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Katia A. Figueroa-Rodríguez, Francisco Hernández-Rosas, Benjamín Figueroa-Sandoval, Joel Velasco-Velasco, Noé Aguilar Rivera (2019). [What Has Been the Focus of Sugarcane Research? A Bibliometric Overview](https://doi.org/10.3390/ijerph16183326) *Int. J. Environ. Res. Public Health* 2019, 16(18), 3326; <https://doi.org/10.3390/ijerph16183326>  
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Salgado Andrade, E. (2018). The Journalistic Construction of the March for the One-year Anniversary of Ayotzinapa: A Comparative Study of the International Media Coverage. *Comunicación y Sociedad*, e6736. <https://doi.org/10.32870/cys.v2019i0.6736>  
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Álvarez, L. et al. (2015). From Open Innovation to Dependent Innovation: A Study of Local Manufacturing Companies in Mexico. *Wulfenia Journal*, 22(5), 76-91.  
(Translated)

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## Edited Manuscripts

[Delgado-Coello B \(2020\) Is Atherosclerosis a Disease of Modern Times?](#)

Front. Young Minds. 8:537255. doi: 10.3389/frym.2020.537255

(reviewed)

Sánchez, N.S., Calahorra, M., González, J. *et al.* [Contribution of the mitogen-activated protein kinase Hog1 to the halotolerance of the marine yeast \*Debaryomyces hansenii\*](#).

*Curr Genet* (2020). <https://doi.org/10.1007/s00294-020-01099-3>

(reviewed)

[Negative feedback-loop mechanisms regulating HOG- and pheromone-MAPK signaling in yeast.](#)

Vázquez-Ibarra, A., Rodríguez-Martínez, G., Guerrero-Serrano, G. *et al.* *Curr Genet* (2020).

<https://doi.org/10.1007/s00294-020-01089-5>

(reviewed)

[A study of carbonate beach sands from the Yucatan Peninsula, Mexico: a case study.](#)

Dr. J.J. Kasper Zubillaga

Carbonates and Evaporates

doi:10.1007/s13146-015-0283-0

(reviewed)

[Tunicamycin Sensitivity-Suppression by High Gene Dosage Reveals New Functions of the Yeast Hog1 MAP Kinase](#)

Mariana Hernández-Elvira *et al.*

*Cells* 2019, 8(7), 710; <https://doi.org/10.3390/cells8070710>

(reviewed)

[The C-terminal Domain Supports a Novel Function for CETPI as a New Plasma Lipopolysaccharide-Binding Protein.](#)

García-González, V. *et al.*

*Scientific Reports*

doi: 10.1038/srep16091 (2015).

(reviewed)

[Mapping of hydrocarbon- and scrap-metal-contaminated soil using volatile organic compounds and electromagnetic profiling methods](#)

Author: Dr. Omar Delgado-Rodriguez

DOI: 10.3997/1873-0604.2017008 Near Surface Geophysics

31 de enero de 2017

Instituto Potosino de Investigación Científica y Tecnológica

(reviewed)

[Antimicrobial Activity of a Cationic Guanidine Compound against Two Pathogenic Oral Bacteria](#)

Author: Dr. E. Escamilla-García, Universidad Autónoma de Nuevo León

*International Journal of Microbiology*

Volume 2017, Article ID 5924717, 9 pages

<https://doi.org/10.1155/2017/5924717>

(reviewed)

[Activation of the Hog1 MAPK by the Ssk2/Ssk22 MAP3Ks, in the absence of the osmosensors, is not sufficient to trigger osmostress adaptation in \*Saccharomyces cerevisiae\*.](#)

Author: Dr. Roberto Coria *et al.*

FEBS J. 2018 Jan 17. doi: 10.1111/febs.14385.

(reviewed)

Montserrat Medina-Acosta, Rosaura Grether, Angélica Martínez-Bernal & Elia Ramírez-Arriaga (2018): [Comparative study of pollen morphology and exine ultrastructure in tetrads, octads and polyads of the genus \*Mimosa\* \(Leguminosae\)](#),

Palynology

DOI:

10.1080/01916122.2018.1446470

(reviewed)