

M. E. ALONSO-AMELOT  
LIST OF RELEVANT PUBLICATIONS IN RECENT YEARS

JOURNALS AND BOOK CHAPTERS

M. E. Alonso Amelot\*, Marisabel Avendaño. Possible Association between Gastric Cancer and Bracken Fern in Venezuela. An Epidemiological Study. **International Journal of Cancer**. 91:252-259, (2001).

M. E. Alonso-Amelot\*, Alberto Oliveros, María Pía Calcagno, Elida Arellano. Bracken Adaptation Mechanisms and Xenobiotic Chemistry. **Pure and Applied Chemistry**. 73(3): 549-553, (2001).

María Pía Calcagno\*, J. Coll, J. Lloria, F. Faini, M. E. Alonso-Amelot. Evaluation of synergism in the feeding deterrence of some furanocoumarins on *Spodoptera littoralis*. **Journal of Chemical Ecology**, 28(1) 159-175 (2001).

M. E. Alonso Amelot\*. The Chemistry and Toxicology of Bioactive Compounds in Bracken Fern (*Pteridium ssp*) with special reference to Chemical Ecology and Carcinogenesis. En: **Studies in Natural Product Chemistry**. Vol 26, pp 685-740 Atta-Uhr-Rahman (Ed.). Elsevier Science. Amsterdam. 2002.

M. E. Alonso-Amelot\*, Marisabel Avendaño, "Human Carcinogenesis and Bracken Fern: A review of the Evidence". **Current Medicinal Chemistry** 9, 1867-1879, 2002.

U. F. Castillo, A. L. Wilkins\*, D. R. Lauren, B. L. Smith, and M. E. Alonso-Amelot. "Pteroside A2-a New Illudane-Type Sesquiterpene Glucoside from *Pteridium caudatum* L. Maxon, and the Spectrometric Characterization of Caudatodienone,". **Journal of Agricultural & Food Chemistry**. 51(9), 2559-2564 (2003).

M. E. Alonso-Amelot\*, M. Avendaño, L. Aubert, J. L. Avila. Repellency and feeding deterrence activity of *Ageratum conyzoides* against the stored grain pests *Tribolium castaneum* and *Sitophilus oryzae* . Active plant parts and composition. **Ciencia**, 11(1): 61-76 (2003)

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M. E. Alonso-Amelot\*, A. Oliveros, E. Arellano & M. P. Calcagno (2004). "Histochemical studies of bracken fern: localization of phenolic and tannin defenses in bracken accessions along an altitudinal gradient in the neotropics. En T. Acamovic, C. S. Stewart & T. W. Pennycott (eds.) **Poisonous Plants and related Toxins**, pp. 241-247. CABI Publishing, Glasgow, Scotland.

M. E. Alonso-Amelot\*, E. Arellano, J. L. Avila, L. Aubert, R. Romero, M. P. Calcagno, M. Avendaño, M. Pérez & L. D. Otero (2004). "A survey of Venezuelan plants toxic to livestock and their potential as antiinsect materials. En T. Acamovic, C. S. Stewart & T. W. Pennycott (eds.) **Poisonous Plants and related Toxins**, pp. 471-477. CABI Publishing, Glasgow, Scotland.

M. E. Alonso-Amelot\*, A. Oliveros & M. P. Calcagno. Phenolics and condensed tannins in relation to altitude in neotropical *Pteridium* spp. A field study in the Venezuelan Andes. **Biochemical Systematics & Ecology** 32: 969-981 (2004).

M. E. Alonso-Amelot\*, & A. Oliveros. Kinetics of the natural evolution of hydrogen cyanide in Neotropical *Pteridium arachnoideum* and its ecological significance. **Journal of Chemical Ecology** 31(2): 315-331 (2005).

M. E. Alonso-Amelot\*, A. Oliveros-Bastidas 2005. Extraction efficiency of phenolics and tannins from some sun-exposed neotropical forbs and shrubs from the tropical Andes. **Ciencia** 13(4):429-439 (2005).

R. Romero, J. L. Avila, L. Aubert, M. P. Calcagno, M. E. Alonso-Amelot\*. Labdane diterpenes from *Leonurus japonicus*. **Phytochemistry**. 67:965-970 (2006)

M. E. Alonso-Amelot\*, J. L. Avila-Núñez, L. Duarte (2006). Hydrogen cyanide release during feeding of generalist and specialist lepidoptera larvae on a cyanogenic plant: *Passiflora capsularis*. **Physiological Entomology** 31: 1-9

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M. E. Alonso-Amelot\*, A. Oliveros & M. P. Calcagno 2007. Phenolics and condensed tannins of high altitude *Pteridium arachnoideum* in relation to sunlight exposure, elevation and rain regime. **Biochemical Systematics & Ecology** 35(1): 1-10.

M. E. Alonso-Amelot, M. Avendaño, & C. Pérez 2007. Prevalence of *Helicobacter pylori* infection among non-symptomatic patients in two regions of contrasting gastric cancer rates in western Venezuela. An epidemiologic study. En preparación editorial, presentada en la United European Gastroenterology Week, Paris, Octubre 2007.

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A. J. Oliveros-Bastidas, M. E. Alonso-Amelot. Cyanogenic polymorphism in brackens, *Pteridium arachnoideum* and *P. caudatum*, from the northern Andes. *Química Nova* 33:1520-1524 (2010).

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M. E. Alonso-Amelot, J. L. Avila Núñez. Comparison of seven methods for stored cereal losses to insects for their application in rural conditions. *Journal of Stored Products Research* 47: 82-87 (2011).

## BOOKS:

M. E. Alonso, "**The Art of Problem Solving in Organic Chemistry**", Wiley Interscience, New York, 1987, 324 pp, ISBN 0-471-84784-4, Library of congress QD251.2 A46 1987. Reedición 1990, World Publishing Corp, Beijing, China.

M. E. Alonso (ed). **La biodiversidad y el peligro de las extinciones**. Ediciones GQE, Universidad de Los Andes, 1996, 96 pp.

M. E. Alonso Amelot, J. L. Avila-Núñez y M-P Calcagno Pisarelli. 2007: **Los Cereales en el Trópico Americano: métodos modernos para su conservación**. Eds de la Fundación Industrias Polar y Vice Rectorado Académico de la Universidad de Los Andes. Caracas-Mérida. 2009, 560 pp. ISBN: 978-980-11-1261-7

M. E. Alonso Amelot, "**Tannins and Phenolics in Animal Nutrition**" Nova Science Publishers, New York, 2011, 158 pp. ISBN 978-1-61209-220-1.