

2017 (liste non-officielle)

Novembre

■ [Interactive effects of compost, plants and earthworms on the aggregations of constructed Technosols](#)

Nov 2017 Geoderma Volume 305, 1 November 2017, Pages 305–313

Maha Deeba, b, , , Thierry Desjardinsc, Pascal Podwojewskic, Anne Pandoc, Manuel Blouina, d, Thomas Z. Lercha

Octobre

■ [Release of dissolved phosphorus from riparian wetlands : Evidence for complex interactions among hydroclimate variability, topography and soil properties](#)

Nov 2017 Science of The Total Environment Volume 598, 15 November 2017, Pages 421–431 <http://doi.org/10.1016/j.scitotenv....>

Sen Gua, , 1, , Gérard Gruaua, Rémi Dupasb, c, Cornélia Rumpeld, Alexandra Crèmed, Ophélie Fovetb, Chantal Gascuel-Odoub, Laurent Jeanneaua, Guillaume Humbertb, Patrice Petitjeana

Septembre

■ [EFFECTS OF EARLY DIAGENESIS ON THE ISOTOPIC SIGNATURE OF WOOD : INCUBATIONS IN AQUATIC MICROCOSM](#)

28th International Meeting on Organic Geochemistry 17 – 22 September 2017, Florence, Italy
R. Tramoy¹, T. T. Nguyen Tu², V. Vaury³, M. Sebil³, L. Millot Cornette², C. Roose-Amsaleg², J. Schnyder¹

■ [Where do South-Indian termite mound soils come from ?](#)

Sept 2017 Applied Soil Ecology Volumes 117–118, September 2017, Pages 190–195
<https://doi.org/10.1016/j.apsoil.20...>

Pascal Jouqueta, b, , Laurent Canerc, Nicolas Bottinellia, d, Ekta Chaudharyb, e, Sougheh Cheika, b, Jean Riottef

■ [Emergence and complex systems : The contribution of dynamic graphtheory](#)

Sept 2017 Ecological Complexity 31 (2017) 34–49

Jacques Gignoux a,* , Guillaume Che´rel b, Ian D. Davies c, Shayne R. Flint d, Eric Lateltin

Août

■ [Geochemical identity of pre-Dogon and Dogon populations at Bandiagara \(Mali, 11th–20th cent. AD\)](#)

August 2017 Journal of Archaeological Science : Reports Volume 14, August 2017, Pages 289–301 <https://doi.org/10.1016/j.jasrep.20...>

A.-F. Maurera, b, A. Persona, A. Zazzoc, M. Sebilod, V. Baltere, F. Le Cornecf, V. Zeitoung, E. Dufourc, A. Schmidh, M. de Rafélisi, L. Ségalena, R. Bedauxh

■ [How good are epigeic earthworms at dispersing ? An investigation to compare epigeic to endogeic and anecic groups](#)

August 2017 Soil Biology and Biochemistry Volume 111, August 2017, Pages 115–123

M. Chatelaina, J. Mathieu

■ [Hydrological Modeling of Fecal Indicator Bacteria in a Tropical Mountain Catchment. Water Research.](#)

August 2017 Water Research <http://dx.doi.org/10.1016/j.watres....>

Kim, M., Boithias, L., Cho, K.H., Silvera, N., Thammahacksa, C., Latsachach, K., Rochelle-Newall, E., Sengtaheuanghong, O., Pierret, A., Pachepsky, Y., Ribolzi, O., 2017.

Juillet

■ [Effect of temperature and social environment on worker size in the ant *Temnothorax nylander*](#)

July 2017 Journal of Thermal Biology Volume 67, July 2017, Pages 22–29

Mathieu Moleta, , Romain Péronneta, , Sébastien Couetteb, c, , Christophe Canovasa, , Claudie Doumsc, d,

■ [Tillage and fertilization practices affect soil aggregate stability in a Humic Cambisol of Northwest France](#)

July 2017 Soil and Tillage Research Volume 170, Pages 14–17

N. Bottinelli, D.A. Angers, V. Hallaire, D. Michot, C. Le Guillou, D. Cluzeau, D. Heddadj, S. Menasseri-Aubry,

Juin

■ [Earthworm effect on root morphology in a split root system](#)

Juin 2017 Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology Vol. 0 , Iss. 0,0

C. Agapit, A. Gigon & M. Blouin

■ [Isolation and characterization of petroleum product emulsifying *Pseudomonas* strains from a generating set fuel tank](#)

Juin 2017 African Journal of Microbiology Research Vol. 11(22), pp. 920-926, 14 June, 2017
DOI : 10.5897/AJMR2016.8095

Lebonguy A. A.1, Goma-Tchimbakala J.1,2, Miambi E.3* and Keleke S.

■ [Deciphering biodiversity and interactions between bacteria and microeukaryotes within epilithic biofilms from the Loue River, France](#)

Jun 2017 Scientific Reports | 7 : 4344 | DOI:10.1038/s41598-017-04016-w

Anouk Zancarini¹, Isidora Echenique-Subiabre^{1,2}, Didier Debroas^{3,4}, Najwa Taïb⁴, Catherine Quiblier^{2,5} & Jean-François Humbert¹

Colloque

■ [What is the impact of mineral dust on air quality in southern Tunisia ? Analysis of 2 years of PM10 concentration and meteorology monitoring](#)

Bouet Christel, Taieb Labjadh M., Rajot Jean-Louis, Bergametti G., Marticorena B., Sekrafi S., Lifi M., Feron A., Henry des Tureaux Thierry, Khatteli H.

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Elleuh B. (ed.) Proceedings of the international conference on integrated environmental Management for sustainable development. Vol. 3. Environmental and health assessment

■ [Effects of habitat constraints on soil microbial community function](#)

Jun 2017 Scientific Reports 7, Article number : 4280 (2017) doi:10.1038/s41598-017-04485-z

Naoise Nunan, Julie Leloup, Léo S. Ruamps, Valérie Pouteau & Claire Chenu

■ [Phospholipases D \$\zeta\$ 1 and D \$\zeta\$ 2 have distinct roles in growth and antioxidant systems in *Arabidopsis thaliana* responding to salt stress.](#)

Jun 2017 Planta. 2017 . doi : 10.1007/s00425-017-2728-2

Ben Othman A^{1,2}, Ellouzi H², Planchais S¹, De Vos D^{1,3}, Faiyue B^{1,4}, Carol P¹, Abdelly C², Savouré A⁵.

■ [Synthetic Co-Attractants of the Aggregation Pheromone of the Date Palm Root Borer *Oryctes agamemnon*](#)

Jun 2017 Chem Ecol (2017). doi:10.1007/s10886-017-0862-8

Narjes Hasni Centina Pinier Cheraief Imed Monêm Ouhichi Philippe Couzi Brahim Chermiti Brigitte Frérot Imen Saïd Didier Rochat

■ [Does competition with wind-pollinated species alter *Echium plantagineum*'s attractiveness to a common pollinator *Bombus terrestris* ?](#)

June 2017 Ecol Entomol. doi:10.1111/een.12426

FLORIANE FLACHER, AMANDINE HANSART, ERIC MOTARD, ABDOU MOUTALAB FOFANA, OCEANE VINCENT, BENOIT GESLIN, ISABELLE DAJOZ, XAVIER RAYNAUD

■ [Burkholderia pseudomallei in a lowland rice paddy : seasonal changes and influence of soil depth and physico-chemical properties](#)

Jun 2017 Scientific Reports 7, Article number : 3031 (2017) doi:10.1038/s41598-017-02946-z

L. Manivanh, A. Pierret, S. Rattanavong, O. Kounnavongsa, Y. Buisson, I. Elliott, J. -L. Maeght, K. Xayyathip, J. Silisouk, M. Vongsouvath, R. Phetsouvanh, P. N. Newton, G. Lacombe, O. Ribolzi, E. Rochelle-Newall & D. A. B. Dance

■ [Metabolic changes in Medaka fish induced by cyanobacterial exposures in mesocosms : an integrative approach combining proteomic and metabolomic analyses](#)

Jun 2017 Scientific Reports 7, Article number : 4051 (2017) doi:10.1038/s41598-017-04423-

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Benoît Sotton, Alain Paris, Séverine Le Manach, Alain Blond, Gérard Lacroix, Alexis Millot, Charlotte Duval, Hélène Huet, Qin Qiao, Sophie Labrut, Giovanni Chiapetta, Joelle Vinh, Arnaud Catherine & Benjamin Marie

■ [From shifting cultivation to teak plantation : effect on overland flow and sediment yield in a montane tropical catchment](#)

Jun 2017 Scientific Reports 7, Article number : 3987 (2017) doi:10.1038/s41598-017-04385-2

Olivier Ribolzi, Olivier Evrard, Sylvain Huon, Anneke de Rouw, Norbert Silvera, Keo Oudone Latsachack, Bounsamai Soulléuth, Irène Lefèvre, Alain Pierret, Guillaume Lacombe, Oloth Sengthaehoung & Christian Valentin

■ [Structural complexity and molecular heterogeneity of a butterfly ejaculate reflect a complex history of selection.](#)

Jun 2017 Proc Natl Acad Sci U S A. 2017 Jul 3 ;114(27):E5406-E5413. doi : 10.1073/pnas.1707680114. Epub 2017 Jun 19.

Meslin C1, Cherwin TS2,3, Plakke MS3, Small BS2, Goetz BJ3, Morehouse NI4,5, Clark NL

■ [Dispersal strategies in the highly polygynous ant *Crematogaster \(Orthocrema\) pygmaea* Forel \(Formicidae : Myrmicinae\)](#)

June 7, 2017 PLOS ONE <https://doi.org/10.1371/journal.pon...>

Rachid Hamidi , Jean-Christophe de Biseau, Thomas Bourguignon, Glauco Bezerra Martins Segundo, Matheus Torres Marinho Bezerril Fontenelle, Yves Quinet

■ [Identification and functional characterization of the pheromone biosynthesis activating neuropeptide receptor isoforms from *Mamestra brassicae*](#)

1 June 2017 General and Comparative Endocrinology

József Fodora, 1, J. Joe Hullb, 1, Gabriella Köblösa, , , Emmanuelle Jacquin-Joly, Tamás Szlankad, Adrien Fónagya

■ [Functional evolution of Lepidoptera olfactory receptors revealed by deorphanization of a moth repertoire](#)

June 2017 Nature Communications 8, Article number : 15709 (2017) doi:10.1038/ncomms15709

Arthur de Fouchier, William B. Walker III, Nicolas Montagné, Claudia Steiner, Muhammad Binyameen, Fredrik Schlyter, Thomas Chertemps, Annick Maria, Marie-Christine François, Christelle Monsempe, Peter Anderson, Bill S. Hansson, Mattias C. Larsson & Emmanuelle Jacquin-Joly

■ [Evolutionary reduction of female dispersal in *Cataglyphis* desert ants](#)

Jun 2017 Biological Journal of the Linnean Society

Christian Peeters Serge Aron

■ [Potential use of PRI and active fluorescence for the diagnosis of physiological state of plants under ozone exposure and high atmospheric vapor pressure deficit](#)

June 2017 Photochem. Photobiol. Sci., 2017

Elodie Merlier, Gabriel Hmimina, Matthieu Bagard, Eric Dufrêne and Kamel Soudani

■ [Decreasing worker size diversity does not affect colony performance during laboratory challenges in the ant *Temnothorax nylanderi*](#)

Jun 2017 Behavioral Ecology and Sociobiology June 2017, 71:92 doi:10.1007/s00265-017-2322-4

T. Colin C. Doums R. Péronnet M. Molet

Mai

■ [The microbial habitat in soil : scale, heterogeneity and functional consequences](#)

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Nunan, N.

■ [Balancing yield with resilience and conservation objectives in harvested predator-prey communities](#)

May 2017 Oikos DOI : 10.1111/oik.03985

Eric Tromeur, Nicolas Loeuille

■ [Socialist hydropower governances compared : dams and resettlement as experienced by Dai and Thai societies from the Sino-Vietnamese borderlands](#)

May 2017 Reg Environ Change (2017). doi:10.1007/s10113-017-1170-0

Jean-François Rousseau Didier Orange Sabrina Habich-Sobiegalla Nguyen Van Thiet

■ [Antibacterial and Antioxidant Photoinitiated Epoxy co-Networks of Resorcinol and Eugenol derivatives](#)

May 2017 Materials today communications

Tina Modjinoua, Davy-Louis Versacea, , Samir Abbad-Andaloussib, Valérie Langloisa, Estelle Renarda

■ [Contrasting impacts of an alien invasive shrub on mammalian savanna herbivores revealed on a landscape scale](#)

May 2017 Divers. Distrib. 2017 ;23:656–666. <https://doi.org/10.1111/ddi.12547>

David Rozen-Rechels, Mariska te Beest, L. Alexander Dew, Elizabeth le Roux, Dave J. Druce, Joris P. G. M. Cromsigt

■ [The impact of Last Glacial climate variability in west-European loess revealed by radiocarbon dating of fossil earthworm granules](#)

2017 May 30. PNAS pii : 201614751. doi : 10.1073/pnas.1614751114

Moine O1, Antoine P2, Hatté C3, Landais A3, Mathieu J4, Prud'homme C2, Rousseau DD5,6.

■ [Hierarchical drivers of aggregation in a constructed Technosol](#)

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Maha DEEB COLLET Thierry DESJARDINS Pascal PODWOJEWSKI Anne Pando Manuel Blouin Thomas Lerch

■ [Biofilm vs. Planktonic Lifestyle : Consequences for Pesticide 2,4-D Metabolism by Cupriavidus necator JMP134](#)

May 2017 Front. Microbiol., 23 May 2017 | <https://doi.org/10.3389/fmicb.2017.00904>
Thomas Z. Lerch^{1*}, Claire Chenu², Marie F. Dignac², Enrique Barriuso² and André Mariotti¹

■ [Spatial topologies affect local food web structure and diversity in evolutionary metacommunities](#)

May 2017, Scientific Reports 7, Article number : 1818 (2017) doi:10.1038/s41598-017-01921-y
Lev Bolchoun, Barbara Drossel & Korinna Theresa Allhoff

■ [Relevance of taking into account the fine scale soil variability to assess the effects of agricultural inputs on soil characteristics and soil microbial communities : A case study of biochar application in a rubber plantation in North East Thailand](#)

May 2017 Geoderma 305 (2017) 21–29
Marie-Elodie Le Guena^{b,1}, Laetitia Herrmann^{b,c,1}, Henri Robain^d, Wanpen Wiriyakitnateekule, Tatiana de Oliveiraa, Agnès Robin^{f,g}, Prapaipit Srimawongse, Lambert Bräuc, Didier Lesueur

■ [Measuring and Modeling Hydraulic Lift of Lolium multiflorum Using Stable Water Isotopes](#)

May 2017 Vadose Zone J. doi:10.2136/vzj2016.12.0134
Félicien Meunier ^{*a}, Youri Rothfuss^{bc}, Thierry Bariacc, Philippe Bironc, Patricia Richardc, Jean-Louis Durand^d, Valentin Couvreur^a, Jan Vanderborgh^{tb} and Mathieu Javaux^{ab}

■ [Modelling the genesis of equatorial podzols : age and implications for carbon fluxes](#)

May 2017 Biogeosciences, 14, 2429-2440, 2017 doi:10.5194/bg-14-2429-201
Cédric Doupoux¹, Patricia Merdy¹, Célia Régina Montes², Naoise Nunan³, Adolpho José Melfi⁴, Osvaldo José Ribeiro Pereira², and Yves Lucas¹

■ [Rearranged Biosynthetic Gene Cluster and Synthesis of Hassallidin E in Planktothrix sarta PCC 8927.](#)

May 2017 ACS Chem Biol. 2017 May 17. doi : 10.1021/acscchembio.7b00093.
Panrace C1,2, Jokela J3, Sassoon N1, Ganneau C4,5, Desnos-Ollivier M6, Wahlsten M3, Humisto A3, Calteau A7, Bay S4,5, Fewer DP3, Sivonen K3, Gugger M1.

■ [Localisation des matières organiques et des activités microbiennes : conséquences pour le fonctionnement du sol](#)

May 2017 Chapter 2 Les sols et la vie souterraine Jean-François Briat & Dominique Job
Claire Chenu 1,* , Naoise Nunan 2 , Laure Vieublé 1 , Patricia Garnier 1 , Valérie Pot 1 , Sylvie Recous 3

■ [Vegetation drives slope stability and its variability through hydrological impacts : Variable stability of vegetated slopes](#)

May 2017 Geophys. Res. Lett., 44, doi:10.1002/2017GL073174.
John H. Kim, Thierry Fourcaud, Christophe Jourdan, Jean-Luc Maeght, Zhun Mao, James Metayer, Louise Meylan, Alain Pierret, Bruno Rapidel, Olivier Roupsard, Anneke de Rouw, Mario Villatoro Sanchez, Yan Wang, Alexia Stokes

■ [What is the sensitivity of the mineral dust cycle at the regional scale to surface wind speed ? First insights from the DRUMS project](#)

Conference Paper May 2017 European Geophysical Union Vol. 19, EGU2017-13310, 2017
Christel Bouet (1,2), Guillaume Siour (1), David Poulet (3), Gilles Bergametti (1), Benoit Laurent (1), Fabien Brocheton (3), Gilles Forêt (1), Yiwen Xu (1), and Béatrice Marticorena (1)

■ [A major subtropical fruit pest accumulates in crop fields and spills over to a wild host](#)

May 2017 Agriculture, Ecosystems & Environment Volume 242, 1 May 2017, Pages 102–109

Courtney Moxleya, b, Wiebke Lammersc, F.J. Frank van Veenc, Elisa Thébaultd, Karen J. Eslerb, Colleen L. Seymoura

■ [Contrasted effects of annual and perennial grasses on soil chemical and biological characteristics of a grazed Sudanian savanna](#)

May 2017 Applied Soil Ecology Volume 113, , Pages 155–165

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Avril

■ [Synchronized mass return of honeydew-gatherers in Prenolepis ants from Singapore](#)

Avril 2017 Asian Myrmecology, Volume 9, pages 1-6 10.20362/am.009009

CHRISTIAN PEETERS1 * and GORDON YONG2

■ [Trace element concentrations along a gradient of urban pressure in forest and lawn soils of the Paris region \(France\)](#)

2017 Apr 28. Sci Total Environ. 2017 Nov 15 ;598:938-948. doi :

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■ [Aligning agriculture and climate policy](#)

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■ [Size fractionation as a tool for separating charcoal of different fuel source and recalcitrance in the wildfire ash layer.](#)

Apr 2017 Sci Total Environ. 2017 Apr 7 ;595:461-471. doi : 10.1016/j.scitotenv.2017.03.295

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■ [Molecular basis for the behavioral effects of the odorant degrading enzyme Esterase 6 in Drosophila](#)

April 2017 Scientific Reports 7, Article number : 46188 (2017) doi:10.1038/srep46188

Faisal Younus, Nicholas J. Fraser, Chris W. Coppin, Jian-Wei Liu, Galen J. Correy, Thomas Chertemps, Gunjan Pandey, Martine Maibèche, Colin J. Jackson & John G. Oakeshott

■ [The evolution of siderophore production as a competitive trait](#)

April 2017 DOI : 10.1111/evo.13230

Rene Niehus, Aurore Picot, Nuno M. Oliveira, Sara Mitri, Kevin R. Foster

■ [Diversity of fungal assemblages in roots of Ericaceae in two Mediterranean contrasting ecosystems](#)

April 2017 Comptes Rendus Biologies Volume 340, Issue 4, April 2017, Pages 226–237

<http://doi.org/10.1016/j.crv.2017....>

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■ [Breaking the cipher : ant eavesdropping on the variational trail pheromone of its termite prey](#)

April 2017 Proceedings of the Royal Society B : Biological Sciences .DOI :

10.1098/rspb.2017.0121

Xiao-Lan Wen, Ping Wen, Cecilia A. L. Dahlsjö, David Sillam-Dussès, Jan Šobotník

■ [Short-term responses and resistance of soil microbial community structure to elevated CO₂ and N addition in grassland mesocosms.](#)

Apr 2017 FEMS Microbiol Lett. . doi : 10.1093/femsle/fnx077.

Simonin M1, Nunan N1, Bloor JMG2, Pouteau V1, Niboyet A1.

■ [From Field Data to Ecosystem Services Maps : Using Regressions for the Case of Deforested Areas Within the Amazon](#)

April 2017 Ecosystems doi:10.1007/s10021-017-0145-9

Solen Le Clec'h Nicolas Jégou Thibaud Decaens Simon Dufour Michel Grimaldi Johan Oszwald

■ [Increasing soil carbon storage : mechanisms, effects of agricultural practices and proxies. A review](#)

April 2017, Agronomy for Sustainable Development doi:10.1007/s13593-017-0421-2

Marie-France Dignac Delphine Derrien Pierre Barré Sébastien Barot Lauric Cécillon Claire Chenu Tiphaine Chevallier Grégoire T Freschet Patricia Garnier Bertrand Guenet Mickaël HeddeKatja Klumpp Gwenaëlle Lashermes Pierre-Alain Maron Naoise Nunan Catherine Roumet Isabelle Basile-Doelsch

■ [Manipulation of ABA Content in Arabidopsis thaliana Modifies Sensitivity and Oxidative Stress Response to Dickeya dadantii and Influences Peroxidase Activity.](#)

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■ [Designing mixtures of varieties for multifunctional agriculture with the help of ecology. A review](#)

April 2017, 37:13 Agron. Sustain. Dev. (2017) 37 : 13. doi:10.1007/s13593-017-0418-x

Sébastien Barot Vincent Allard Amélie Cantare Jérôme Enjalbert Arnaud Gauffreteau

Isabelle Goldringer Jean-Christophe Lata Xavier Le Roux Audrey Niboyet Emanuelle Porcher

■ [Do trace metals influence visual signals ? Effects of trace metals on iridescent and melanic feather colouration in the feral pigeon](#)

April 2017 Oikos. Accepted Author Manuscript. doi:10.1111/oik.04262

Marion Chatelain, Anaïs Pessato, Adrien Frantz, Julien Gasparini, Sarah Leclaire

■ [Vegetation drives slope stability and its variability through hydrological impacts.](#)

Avril 2017 Geophysical Research Letters, 10.1002/2017GL073174 : n/a-n/a*

Kim J. H., Fourcaud T., Jourdan C., Maeght J.-L., Mao Z., Metayer J., Meylan L., Pierret A., Rapidel B., Roupsard O., de Rouw A., Villatoro Sanchez M., Wang Y., Stokes A. (2017)

■ [Sulfur diagenesis under rapid accumulation of organic-rich sediments in a marine mangrove from Guadeloupe \(French West Indies\)](#)

April 2017 Chemical Geology Volume 454, , Pages 67–79

Antoine Crémière^{a, b, c, ,}, Harald Strauss^d, Mathieu Sebiloa, Wei-Li Hong^c, Olivier Grose, Sabine Schmidt^f, Jennifer Toczny^e, Françoise Henry^g, Swanne Gontharet^g, Anniel M. Laverman^h

Mars

■ [Effects of ambient oxygen and size-selective mortality on growth and maturation in guppies](#)

Mars 2017 Conserv Physiol. 2017 ; 5(1) : cox010. Volume 5 • 2017 10.1093/conphys/cox010 Beatriz Diaz Pauli^{1,†,‡}, Jeppe Kolding^{1,2}, Geetha Jeyakanth¹ and Mikko Heino^{1,3,4,*}

■ [Changes in soil characteristics and C dynamics after mangrove clearing \(Vietnam\).](#)

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Grellier S¹, Janeau JL², Dang Hoai N³, Nguyen Thi Kim C⁴, Le Thi Phuong Q⁵, Pham Thi Thu T⁶, Tran-Thi NT⁷, Marchand C⁸.

■ [Transcriptome analysis of the *Dickeya dadantii* PecS regulon during early stages of interaction with *Arabidopsis thaliana*](#)

Mars 2017 Mol Plant Pathol. 2017 Mar 15. doi : 10.1111/mpp.12549

Pédron J^{1,2}, Chapelle E¹, Alunni B¹, Van Gijsegem F^{1,2}.

■ [Evidence for a role of oestrogen receptor-related receptor in the regulation of male sexual behaviour in the moth *Agrotis ipsilon*](#)

March 2017 Insect Mol Biol 10.1111/imb.12303

F. Bozzolan, N. Durand, E. Demondion, T. Bourgeois, E. Gassias, S. Debernard

■ [Nest-box temperature affects clutch size, incubation initiation, and nestling health in great tits](#)

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Josefa Bleu Simon Agostini Clotilde Biard

Livre

■ [La science à contrepied](#)

mars 2017 Collectif (Auteur) Essai (broché)
Lydie Blottière

■ [Significant Change in Marine Plankton Structure and Carbon Production After the Addition of River Water in a Mesocosm Experiment](#)

March 2017 Microb Ecol DOI 10.1007/s00248-017-0962-6

E. Fouilland¹ & A. Trottet^{1,2} & C. Alves-de-Souza^{3,4} & D. Bonnet¹ & T. Bouvier¹ & M. Bouvy¹ & S. Boyer¹ & L. Guillou³ & E. Hatey¹ & H. Jing⁵ & C. Leboulanger¹ & E. Le Floc'h¹ & H. Liu⁵ & S. Mas⁶ & B. Mostajir¹ & J. Nouguié¹ & D. Pecqueur¹ & E. Rochelle-Newall⁷ & C. Roques¹ & C. Salles⁸ & M.-G. Tournoud⁸ & C. Vasseur^{1,9} & F. Vidussi¹

Conference Paper

■ [Is it possible to mitigate greenhouse gas emissions from agricultural soil by introduction of temporary grassland into cropping cycles ?](#)

Mar 2017 Global Symposium on Soil Organic Carbon, FAO,

Cornelia Rumpel Raia Massad Alexandra Crème Marco Carozzi Abad Chabbi Katja Klumpp Xavier Leroux Raphael MartinNicolas Vuichard

■ [An evaluation of inexpensive methods for root image acquisition when using rhizotrons](#)

March 2017 Plant Methods 201713:11 DOI : 10.1186/s13007-017-0160-z

Awaz MohamedEmail authorView ORCID ID profile, Yogan Monnier, Zhun Mao, Guillaume LobetView ORCID ID profile, Jean-Luc Maeght, Merlin Ramel and Alexia Stokes

■ [Global metabolome changes induced by cyanobacterial blooms in three representative fish species](#)

March 2017 Science of The Total Environment <http://dx.doi.org/10.1016/j.scitote...>

Benoît Sotтона, , Alain Parisa, Séverine Le Manacha, Alain Blonda, Gérard Lacroixb, c, Alexis Millotc, Charlotte Duvala, Qin Qiaoa, Arnaud Catherinea, Benjamin Marie

■ [The complete mitochondrial DNA sequence of the pantropical earthworm Pontoscolex corethrurus \(Rhinodrilidae, Clitellata\) : Mitogenome characterization and phylogenetic positioning](#)

March 3, PeerJ 2017 10.7287/peerj.preprints.2847v1

Ana C Conrado¹, Hugo Arruda², David Stanton³, Samuel W James⁴, Peter Kille⁵, George Brown⁶, Elodie D Silva⁶, Lise Dupont⁷, Shabnam Taheri⁷, Andrew J Morgan³, Nelson Simoes², Armindo Rodrigues⁸, Rafael Montiel⁹, Luis Cunha³

■ [Combined Effects of Ozone and Drought on the Physiology and Membrane Lipids of Two Cowpea \(Vigna unguiculata \(L.\) Walp\) Cultivars](#)

March 2017 Plants 2017, 6(1), 14 ; doi:10.3390/plants6010014

Deborah Moura Rebouças¹, Yuri Maia De Sousa², Matthieu Bagard^{1,*}, Jose Helio Costa², Yves Jolivet^{3,4}, Dirce Fernandes De Melo² and Anne Repellin

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