

TECHNICAL FACILITIES

LIST OF PUBLICATIONS

2011-2018 (May)

- 2011 -

- Abdoullaye D, Acevedo I, Adebayo AA, Behrmann-Godel J, Benjamin RC, Bock DG, Born C, Brouat C, Caccone A, Cao LZ, Casado-Amezua P, Cataneo J, Correa-Ramirez MM, Cristescu ME, Dobigny G, Egbosimba EE, Etchberger LK, Fan B, Fields PD, Forcioli D, Furla P, Garcia de Leon FJ, Garcia-Jimenez R, Gauthier P, Gergs R, Gonzalez C, Granjon L, Gutierrez-Rodriguez C, Havill NP, Helsen P, Hether TD, Hoffman EA, Hu X, Ingvarsson PK, Ishizaki S, Ji H, Ji XS, Jimenez ML, Kapil R, Karban R, Keller SR, Kubota S, Li S, Li W, Lim DD, Lin H, Liu X, Luo Y, Machordom A, Martin AP, Matthysen E, Mazzella MN, McGeoch MA, Meng Z, Nishizawa M, O'Brien P, Ohara M, Ornelas JF, Ortú MF, Pedersen AB, Preston L, Ren Q, Rothhaupt KO, Sackett LC, Sang Q, Sawyer GM, Shiojiri K, Taylor DR, Van Dongen S, Van Vuuren BJ, Vandewoestijne S, Wang H, Wang JT, Wang L, Xu XL, Yang G, Yang Y, Zeng YQ, Zhang QW, Zhang Y, Zhao Y, Zhou Y (2011) Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2010-30 November 2010. *Mol Ecol Resour* 11 (1): 418-421. [Genomics]
- Atyame CM, Delsuc F, Pasteur N, Weill M, Duron O (2011a) Diversification of *Wolbachia* endosymbiont in the *Culex pipiens* mosquito. *Mol Biol Evol* 28 (10): 2761-72. [Genomics]
- Atyame CM, Pasteur N, Dumas E, Tortosa P, Tantely ML, Pocquet N, Licciardi S, Bheecarry A, Zumbo B, Weill M, Duron O (2011b) Cytoplasmic incompatibility as a means of controlling *Culex pipiens quinquefasciatus* mosquito in the islands of the south-western Indian Ocean. *PLoS Negl Trop Dis* 5 (12): e1440. [Genomics]
- Avarre JC, Madeira JP, Santika A, Zainun Z, Baud M, Cabon J, Caruso D, Castric J, Bigarre L, Engelsma M, Maskur M (2011) Investigation of Cyprinid herpesvirus-3 genetic diversity by a multi-locus variable number of tandem repeats analysis. *J Virol Methods* 173 (2): 320-327. [Genomics]
- Badenhorst D, Dobigny G, Adega F, Chaves R, O'Brien PCM, Ferguson-Smith MA, Waters PD, Robinson TJ (2011) Chromosomal evolution in Rattini (Muridae, Rodentia). *Chromosome Research* 19 (6): 709-72. [Genomics]
- Barantal S, Roy J, Fromin N, Schimann H, Hättenschwiler S (2011) Long-term presence of tree species but not chemical diversity affect litter mixture effects on decomposition in a neotropical rainforest. *Oecologia* 167 (1): 241-252. [Chemical ecology]
- Bargaz A, Drevon JJ, Oufdou K, Mandri B, Faghire M, Ghoulam C (2011a) Nodule phosphorus requirement and O₂ uptake in common bean genotypes under phosphorus deficiency. *Acta Agriculturae Scandinavica Section B-Soil and Plant Science* 61 (7): 602-611. [Experimental fields]
- Bargaz A, Ghoulam C, Faghire M, Attar HA, Drevon JJ (2011b) The nodule conductance to O₂ diffusion increases with high phosphorus content in the *Phaseolus vulgaris*-rhizobia symbiosis. *Symbiosis* 53 (3): 157-164. [Experimental fields]
- Barnabe C, De Meeus T, Noireau F, Bosseno MF, Monje EM, Renaud F, Breniere SF (2011) *Trypanosoma cruzi* discrete typing units (DTUs): Microsatellite loci and

population genetics of DTUs TcV and TcI in Bolivia and Peru. *Infect Genet Evol* 11 (7): 1752-60. **[Genomics]**

Barthès BG, Brunet D, Rabary B, Ba O, Villenave C (2011) Near infrared reflectance spectroscopy (NIRS) could be used for characterization of soil nematode community. *Soil Biology & Biochemistry* 43: 1649-1659. **[Experimental fields]**

Benoit L, Born C, Vignes H, M.-H. C, Todou G, Debain C, Joly HI (2011) Polymorphic microsatellite loci from *Dacryodes edulis* (Burseraceae), a central african rainforest and fruit – tree species. *American Journal of Botany* 98 (4): e74-5. **[Genomics]**

Bonhomme F, Orth A, Cucchi T, Rajabi-Maham H, Catalan J, Boursot P, Auffray J-C, Britton-Davidian J (2011a) Genetic differentiation of the house mouse around the Mediterranean basin: matrilineal footprints of early and late colonization. *Proceedings of the Royal Society B: Biological Sciences* 278 (1708): 1034-1043. **[Genomics]**

Bonhomme V, Gounand I, Alaux C, Jousselin E, Barthélémy D, Gaume L (2011b) The plant-ant *Camponotus schmitzi* helps its carnivorous host-plant *Nepenthes bicalcarata* to catch its prey. *Journal of Tropical Ecology* 27 (1): 15-24. **[Experimental fields]**

Bonhomme V, Pelloux-Prayer H, Jousselin E, Forterre Y, Labat J-J, Gaume L (2011c) Slippery or sticky? Functional diversity in the trapping strategy of *Nepenthes* carnivorous plants. *New Phytologist* 191 (2): 545–554. **[Experimental fields]**

Bracho-Nunez A, Welter S, Staudt M, Kesselmeier J (2011) Plant-specific volatile organic compound emission rates from young and mature leaves of Mediterranean vegetation. *Journal of Geophysical Research-Atmospheres* 116: D7. **[Chemical ecology]**

Cazaux B, Catalan J, Veyrunes F, Douzery EJP, Britton-Davidian J (2011) Are ribosomal DNA clusters rearrangement hotspots? A case study in the genus *Mus* (Rodentia, Muridae). *BMC Evolutionary Biology* 11: 124. **[Genomics]**

Chevallier T, Blanchart E, Toucet J, Bernoux M (2011a) Methods to estimate aggregate protected soil organic carbon - 2 - Does the grinding of the plant residues affect the estimations of the aggregate protected soil organic carbon? *Communications in Soil Science and Plant Analysis* 42: 1537-1543. **[Experimental fields]**

Chevallier T, Blanchart E, Toucet J, Bernoux M (2011b) Methods to estimate the protection of soil organic carbon within macroaggregates 1- Does soil water status affect the estimated amount of soil organic carbon protected inside macroaggregate? *Communications in Soil Science and Plant Analysis* 42: 1522-1536. **[Experimental fields]**

Clavijo G, Dorémus T, Ravellec M, Mannucci MA, Jouan V, Volkoff AN, Darboux I (2011) Multigenic families in Ichnovirus: a tissue and host specificity study through expression analysis of vankyrins from *Hyposoter didymator* Ichnovirus. *PLoS ONE* 6 (11): e27522. **[Genomics]**

Coq S, Weigel J, Butenschoen O, Bonal D, Hattenschwiler S (2011) Litter composition rather than plant presence affects decomposition of tropical litter mixtures. *Plant and Soil* 343 (1-2): 273-286. **[Chemical ecology]**

Courty P-E, Walder F, Boller T, Ineichen K, Wiemken A, Rousteau A, Selosse M-A (2011) Carbon and Nitrogen Metabolism in Mycorrhizal Networks and Mycoheterotrophic Plants of Tropical Forests: A Stable Isotope Analysis. *Plant Physiology* 156: 952-961. **[Chemical ecology]**

- de Lorgeril J, Zenagui R, Rosa RD, Piquemal D, Bachère E (2011) Whole transcriptome profiling of successful immune response to *Vibrio* infections in the Oyster *Crassostrea gigas* by digital gene expression analysis. *PLoS ONE* 6 (8): e23142. **[Genomics]**
- de Mendonca RS, Navia D, Diniz IR, Auger P, Navajas M (2011) A critical review on some closely related species of *Tetranychus* sensu stricto (Acari: Tetranychidae) in the public DNA sequences databases. *Exp Appl Acarol* 55 (1): 1-23. **[Genomics]**
- Defossez E, Djieto-Lordon C, McKey D, Selosse M-A, Blatrix R (2011) Plant-ants feed their host plant, but above all a fungal symbiont to recycle nitrogen. *Proceedings of the Royal Society B-Biological Sciences* 278: 1419-1426. **[Chemical ecology]**
- Delle-Vedove R, Juillet N, Bessiere J-M, Grison C, Barthes N, Pailler T, Dormont L, Schatz B (2011) Colour-scent associations in a tropical orchid: Three colours but two odours. *Phytochemistry* 72 (8): 735-742. **[Chemical ecology]**
- Dobigny G, Tatard C, Kane M, Gauthier P, Brouat C, Bâ K, Duplantier JM (2011) A cytotoxic and DNA-based survey of rodents from Northern Cameroon and Western Chad. *Mammalian Biology* 76 (4): 417-427. **[Genomics]**
- Dobigny G, Xuereb A (2011) Cytogenetics: karyotyping and sampling for fibroblast cell culture. In: Herbreteau V, Jittapalapong S, Rerkamnuaychoke W, Chaval Y, Cosson JF, Morand S (eds) *Protocols for field and laboratory rodent studies*. Kasetsart University Press, Bangkok, Thailand, pp 29-31 **[Genomics]**
- Dornier A, Pons V, Cheptou P-O (2011) Colonization and extinction dynamics of an annual plant metapopulation in an urban environment. *Oikos* 120: 1240-1246. **[Experimental fields]**
- Dsouli N, Delsuc F, Michaux J, De Stordeur E, Couloux A, Veuille M, Duvallet G (2011) Phylogenetic analyses of mitochondrial and nuclear data in haematophagous flies support the paraphyly of the genus *Stomoxys* (Diptera: Muscidae). *Infect Genet Evol* 11 (3): 663-70. **[Bio/eco-informatics & Genomics]**
- Duvaux L, Belkhir K, Boulesteix M, Boursot P (2011) Isolation and gene flow: inferring the speciation history of European house mice. *Molecular Ecology* 20 (24): 5248-64. **[Genomics]**
- Escarré J, Lefèvre C, Raboyeau S, Dossantos A, Gruber W, Cleyet Marel J-C, Frérot H, Noret N, Mahieu S, Collin C, van Oort F (2011) Heavy metal concentration survey in soils and plants of the Les Malines mining district (Southern France): implications for soil restoration. *Water, Air, & Soil Pollution* 216: 485-504. **[Chemical ecology & Experimental fields]**
- Escobar JS, Glémén S, Galtier N (2011a) GC-Biased Gene Conversion Impacts Ribosomal DNA Evolution in Vertebrates, Angiosperms, and Other Eukaryotes. *Molecular Biology and Evolution* 28 (9): 2561-2575. **[Bio/eco-informatics]**
- Escobar JS, Scornavacca C, Cenci A, Guilhaumon C, Santoni S, Douzery EJ, Ranwez V, Glemin S, David J (2011b) Multigenic phylogeny and analysis of tree incongruences in Triticeae (Poaceae). *BMC Evol Biol* 11 (1): 181. **[Bio/eco-informatics]**
- Fanin N, Haettenschwiler S, Barantal S, Schimann H, Fromin N (2011) Does variability in litter quality determine soil microbial respiration in an Amazonian rainforest? *Soil Biology & Biochemistry* 43: 1014-1022. **[Chemical ecology]**
- Ferchaud AL, Lyet A, Cheylan M, Arnal V, Baron JP, Montgelard C, Ursenbacher S (2011) High genetic differentiation among French populations of the Orsini's viper (*Vipera ursinii ursinii*) based on mitochondrial and microsatellite data:

implications for conservation management. *Journal of Heredity* 102 (1): 67-78. [Genomics]

Freschet GT, Barthès BG, Brunet D, Hien E, Masse D (2011) Use of near infrared reflectance spectroscopy (NIRS) for predicting soil fertility and historical management. *Communications in Soil Science and Plant Analysis* 42: 1692-1705. . [Experimental fields]

Froissard D, Fons F, Bessiere J-M, Buatois B, Rapior S (2011) Volatiles of French ferns and "fougere" scent in perfumery. *Natural Product Communications* 6 (11): 1723-1726. [Chemical ecology]

Gayral P, Weinert L, Chiari Y, Tsagkogeorga G, Ballenghien M, Galtier N (2011) Next-generation sequencing of transcriptomes: a guide to RNA isolation in nonmodel animals. *Molecular Ecology Resources* 11 (4): 650-661. [Genomics]

Guinand B, Durieux ED, Dupuy C, Cerqueira F, Begout ML (2011) Phenotypic and genetic differentiation in young-of-the-year common sole (*Solea solea*) at differentially contaminated nursery grounds. *Mar Environ Res* 71 (3): 195-206. [Genomics]

Guivier E, Galan M, Chaval Y, Xuereb A, Ribas Salvador A, Pouille ML, Voutilainen L, Henttonen H, Charbonnel N, Cosson JF (2011) Landscape genetics highlights the role of bank vole metapopulation dynamics in the epidemiology of Puumala hantavirus. *Mol Ecol* 20 (17): 3569-83. [Genomics]

Hamdi S, Chevallier T, Ben Aïssa N, Ben Hammouda M., Gallali T, Chotte J.L. , Bernoux M (2011) Short-term temperature dependence of heterotrophic soil respiration after one-month of pre-incubation at different temperatures. *Soil Biology & Biochemistry* 43: 1752-1758. [Experimental fields]

Hammouda A, Pearce-Duvet J, Chokri MA, Arnal A, Gauthier-Clerc M, Boulinier T, Selmi S (2011) Prevalence of Influenza A Antibodies in Yellow-Legged Gull (*Larus michahellis*) Eggs and Adults in Southern Tunisia. *Vector-Borne and Zoonotic Diseases* 11: 1583-1590. [Chemical ecology]

Hima K, Thiam M, Catalan J, Gauthier P, Duplantier J-M, Piry S, Sembène M, Britton-Davidian J, Granjon L, Dobigny G (2011) Extensive Robertsonian polymorphism in the African rodent *Gerbillus nigeriae*: geographic aspects and meiotic data. *Journal of Zoology* 284 (4): 276-285. [Genomics]

Irshad U, Villenave C, Brauman A., Plassard C (2011) Grazing by nematodes on rhizosphere bacteria enhances nitrate and phosphorus availability to *Pinus pinaster* seedlings. *Soil Biology and Biochemistry* 43: 2121-2126. [Experimental fields]

Isaac M-E, Harmand J-M., Drevon J-J (2011) Growth and nitrogen acquisition strategies of *Acacia senegal* seedlings under exponential phosphorus additions. . *Journal of Plant Physiology* 168: 776-781. [Experimental fields]

Jouquet P, Ngo TP, Nguyen HH, Henry-des-Tureaux T, Chevallier T, Duc TT (2011) Laboratory investigation of organic matter mineralization and nutrient leaching from earthworm casts produced by *Amynthas khami*. *Applied Soil Ecology* 47 (1): 24-30. [Experimental fields]

Kattge J, Diaz S, Lavorel S, Prentice C, Leadley P, Boenisch G, Garnier E, Westoby M, Reich PB, Wright IJ, Cornelissen JHC, Violle C, Harrison SP, van Bodegom PM, Reichstein M, Enquist BJ, Soudzilovskaia NA, Ackerly DD, Anand M, Atkin O, Bahn M, Baker TR, Baldocchi D, Bekker R, Blanco CC, Blonder B, Bond WJ, Bradstock R, Bunker DE, Casanoves F, Cavender-Bares J, Chambers JQ, Chapin FS, III, Chave J, Coomes D, Cornwell WK, Craine JM, Dobrin BH, Duarte L, Durka W, Elser J, Esser G, Estiarte M, Fagan WF, Fang J, Fernandez-Mendez F, Fidelis A, Finegan B, Flores O,

Ford H, Frank D, Freschet GT, Fyllas NM, Gallagher RV, Green WA, Gutierrez AG, Hickler T, Higgins SI, Hodgson JG, Jalili A, Jansen S, Joly CA, Kerkhoff AJ, Kirkup D, Kitajima K, Kleyer M, Klotz S, Knops JMH, Kramer K, Kuehn I, Kurokawa H, Laughlin D, Lee TD, Leishman M, Lens F, Lenz T, Lewis SL, Lloyd J, Llusia J, Louault F, Ma S, Mahecha MD, Manning P, Massad T, Medlyn BE, Messier J, Moles AT, Mueller SC, Nadrowski K, Naeem S, Niinemets U, Noellert S, Nueske A, Ogaya R, Oleksyn J, Onipchenko VG, Onoda Y, Ordonez J, Overbeck G, Ozinga WA, et al. (2011) TRY - a global database of plant traits. *Global Change Biology* 17: 2905-2935. **[Chemical ecology]**

Kempf F, De Meeus T, Vaumourin E, Noel V, Taragelova V, Plantard O, Heylen DJA, Eyraud C, Chevillon C, McCoy KD (2011) Host races in *Ixodes ricinus*, the European vector of Lyme borreliosis. *Infection, Genetics and Evolution* 11 (8): 2043-2048. **[Genomics]**

Lavois AV, Duffet C, Mouillot F, Rambal S, Ratte JP, Schnitzler JP, Staudt M (2011) Scaling-up leaf monoterpane emissions from a water limited Quercus ilex woodland. *Atmospheric Environment* 45: 2888-2897. **[Chemical ecology]**

Lobato E, Pearce-Duvet J, Staszewski V, Gomez-Diaz E, Gonzalez-Solis J, Kitaysky A, McCoy KD, Boulinier T (2011) Seabirds and the Circulation of Lyme Borreliosis Bacteria in the North Pacific. *Vector-Borne and Zoonotic Diseases* 11: 1521-1527. **[Chemical ecology]**

Lourenco J, Galtier N, Glemin S (2011) Complexity, pleiotropy, and the fitness effect of mutations. *Evolution* 65 (6): 1559-71. **[Bio/eco-informatics]**

Mahieu S, Frérot H, Vidal C, Galiana A, Heulin K, Maure L, Brunel B, Lefèvre C, Escarré J, Cleyet-Marel J-C (2011) *Anthyllis vulneraria/Mesorhizobium metallidurans*, an efficient symbiotic nitrogen fixing association able to grow in mine tailings highly contaminated by Zn, Pb and Cd. *Plant and Soil* 342 (1-2): 405-417. **[Chemical ecology & Experimental fields]**

Malausa T, Gilles A, Meglecz E, Blanquart H, Duthoy S, Costedoat C, Dubut V, Pech N, Castagnone-Sereno P, Delye C, Feau N, Frey P, Gauthier P, Guillemaud T, Hazard L, Le Corre V, Lung-Escarmant B, Male PJ, Ferreira S, Martin JF (2011) High-throughput microsatellite isolation through 454 GS-FLX Titanium pyrosequencing of enriched DNA libraries. *Mol Ecol Resour* 11 (4): 638-44. **[Genomics]**

Melo-Ferreira J, Alves PC, Rocha J, Ferrand N, Boursot P (2011) Interspecific x-chromosome and mitochondrial dna introgression in the iberian hare: selection or allele surfing? *Evolution* 65 (7): 1956-1968. **[Genomics]**

Midamegbe A, Vitalis R, Malausa T, Delava E, Cros-Arteil S, Streiff R (2011) Scanning the European corn borer (*Ostrinia* spp.) genome for adaptive divergence between host-affiliated sibling species. *Mol Ecol* 20 (7): 1414-30. **[Genomics]**

Misson L, Degueldre D, Collin C, Rodriguez R, Rocheteau A, Ourcival J-M, Rambal S (2011) Phenological responses to extreme droughts in a Mediterranean forest. *Global Change Biology* 17: 1036-1048. **[Chemical ecology]**

Molina C, Zaman-Allah M, Khan F, Fatnassi N, Horres R, Rotter B, Steinhauer D, Amenc L, Drevon JJ, Winter P, Kahl G (2011) The salt-responsive transcriptome of chickpea roots and nodules via deepSuperSAGE. *BMC Plant Biology* 11: 31. **[Experimental fields]**

Muyle A, Serres-Giardi L, Ressayre A, Escobar J, Glémén S (2011) GC-biased gene conversion and selection affect GC content in the *Oryza* genus (rice). *Mol Biol Evol* 28 (9): 2695-2706. **[Bio/eco-informatics]**

- Okassa M, Kreiter S, Guichou S, Tixier MS (2011) Molecular and morphological boundaries of the predator *Neoseiulus californicus* McGregor (Acari: Phytoseiidae). *Biological Journal of the Linnean Society* 104: 393-406. **[Genomics]**
- Olivier R, Staudt M, Lavois A-V, Ormeno E, Rizvi SH, Baldy V, Rivoal A, Greff S, Lecareux C, Fernandez C (2011) Direct and indirect impact of sewage sludge compost spreading on *Quercus coccifera* monoterpane emissions in a Mediterranean shrubland. *Environmental Pollution* 159: 963-969. **[Chemical ecology]**
- Peltre C, Thuriès L, Barthès B, Brunet D, Morvan T, Nicolardot B, Parnaudeau V, Houot S (2011) Near infrared reflectance spectroscopy: A tool to characterise the composition of different types of exogenous organic matter and their behaviour in soil. *Soil Biology & Biochemistry* 43: 197-205. **[Experimental fields]**
- Plassard C, Louche J., Ali M.A., Duchemin M., Legname E., Cloutier-Hurteau B (2011) Diversity in phosphorus mobilisation and uptake in ectomycorrhizal fungi. *Annals of Forest Science* 68: 33-43. **[Experimental fields]**
- Raabe A, Berry L, Sollellis L, Cerdan R, Tawk L, Vial HJ, Billker O, Wengelnik K (2011) Genetic and transcriptional analysis of phosphoinositide-specific phospholipase C in *Plasmodium*. *Experimental Parasitology* 129 (1): 75-80. **[Genomics]**
- Ranwez V, Harispe S, Delsuc F, Douzery EJ (2011) MACSE: Multiple Alignment of Coding SEquences accounting for frameshifts and stop codons. *PLoS One* 6 (9): e22594. **[Bio/eco-informatics]**
- Rey O, Loiseau A, Facon B, Foucaud J, Orivel J, Cornuet JM, Robert S, Dobigny G, Delabie JH, Mariano Cdos S, Estoup A (2011) Meiotic recombination dramatically decreased in thelytokous queens of the little fire ant and their sexually produced workers. *Mol Biol Evol* 28 (9): 2591-601. **[Genomics]**
- Rieux A, Halkett F, de Lapeyre de Bellaire L, Zapater MF, Rousset F, Ravigne V, Carlier J (2011) Inferences on pathogenic fungus population structures from microsatellite data: new insights from spatial genetics approaches. *Mol Ecol* 20 (8): 1661-74. **[Genomics]**
- Rodríguez-Calcerrada J, Jaeger C, Limousin JM, Ourcival JM, Joffre R, Rambal S (2011) Leaf CO₂ efflux is attenuated by acclimation of respiration to heat and drought in a Mediterranean tree. *Functional Ecology* 25: 983-995. **[Chemical ecology]**
- Rodríguez-Calcerrada J, Shahin O, del Carmen del Rey M, Rambal S (2011) Opposite changes in leaf dark respiration and soluble sugars with drought in two Mediterranean oaks. *Funct Plant Biol* 38 (12): 1004-1015. **[Chemical ecology]**
- Rosa RD, Santini A, Fievet J, Bulet P, Destoumieux-Garzon D, Bachere E (2011) Big defensins, a diverse family of antimicrobial peptides that follows different patterns of expression in hemocytes of the oyster *Crassostrea gigas*. *PLoS One* 6 (9): e25594. **[Genomics]**
- Rougeron V, Banuls AL, Carme B, Simon S, Couppie P, Nacher M, Hide M, De Meeus T (2011a) Reproductive strategies and population structure in Leishmania: substantial amount of sex in Leishmania Viannia guyanensis. *Mol Ecol* 20 (15): 3116-27. **[Genomics]**
- Rougeron V, De Meeûs T, Hide M, Le Falher G, Bucheton B, Dereure J, El-Safi SH, Dessein A, Bañuls AL (2011b) Multifaceted population structure and reproductive strategy in *Leishmania donovani* complex in one Sudanese village. *PLoS Negl Trop Dis* 5 (12): e1448. **[Genomics]**
- Schulze J, Mohamed MAN, Carlsson G, Drevon JJ (2011) Phosphorous deficiency decreases nitrogenase activity but increases proton efflux in N-2-fixing *Medicago*

truncatula. *Plant Physiology and Biochemistry* 49 (4): 458-460. [Experimental fields]

- Sinama M, Dubut V, Costedoat C, Gilles A, Junker M, Malusa T, Martin JF, Neve G, Pech N, Schmitt T, Zimmermann M, Meglecz E (2011) Challenges of microsatellite development in Lepidoptera: *Euphydryas aurinia* (Nymphalidae) as a case study. *European Journal of Entomology* 108 (2): 261-266. [Genomics]
- Soler C, Hossaert-McKey M, Buatois B, Bessiere J-M, Schatz B, Proffit M (2011) Geographic variation of floral scent in a highly specialized pollination mutualism. *Phytochemistry (Elsevier)* 72 (1): 74-81. [Chemical ecology]
- Sonthi M, Toubiana M, Pallavicini A, Venier P, Roch P (2011) Diversity of coding sequences and gene structures of the antifungal peptide mytimycin (MytM) from the Mediterranean mussel, *Mytilus galloprovincialis*. *Marine Biotechnology* 13 (5): 857-867. [Genomics]
- Staudt M, Lhoutellier L (2011) Monoterpene and sesquiterpene emissions from *Quercus coccifera* exhibit interacting responses to light and temperature. *Biogeosciences* 8: 2757-2771. [Chemical ecology]
- Suchet C, Dormont L, Schatz B, Giurfa M, Simon V, Raynaud C, Chave J (2011) Floral scent variation in two *Antirrhinum majus* subspecies influences the choice of naïve bumblebees. *Behavioral Ecology and Sociobiology* 65: 1015-1027. [Chemical ecology]
- Tixier M-S, Tsolakis H, Ragusa S, Poinso A, Ferrero M, Okassa M, Kreiter S (2011) Integrative taxonomy demonstrates the unexpected synonymy between two predatory mite species: *Cydnodromus idaeus* and *C. picanus* (Acari: Phytoseiidae). *Invertebrate Systematics* 25 (4): 273-281. [Genomics]
- Veyron-Churlet R, Brust B, Kremer L, Blanc-Potard AB (2011) Expression of OmpATb is dependent on small membrane proteins in *Mycobacterium bovis* BCG. *Tuberculosis* 91: 544-548. [Genomics]
- Villenave C, Saj S., Attard E., Klumpp K., Le Roux X (2011) Grassland management history affects the response of nematode community to changes in aboveground grazing regime. *Nematology* 13: 995-1008. [Experimental fields]
- Vittecoq M, Djieto-Lordon C, Buatois B, Dormont L, McKey D, Blatrix R (2011) The Evolution of Communication in Two Ant-Plant Mutualisms. *Evolutionary Biology* 38: 360-369. [Chemical ecology]
- Voglmayr H, Mayer V, Maschwitz U, Moog J, Djieto-Lordon C, Blatrix R (2011) The diversity of ant-associated black yeasts: insights into a newly discovered world of symbiotic interactions. *Fungal Biol* 115 (10): 1077-91. [Genomics]

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A'Hara SW, Amouroux P, Argo EE, Avand-Faghah A, Barat A, Barbieri L, Bert TM, Blatrix R, Blin A, Bouktila D, Broome A, Burban C, Capdeville-Dulac C, Casse N, Chandra S, Cho KJ, Cottrell JE, Crawford CR, Davis MC, Delatte H, Desneux N, Djieto-Lordon C, Dubois MP, El-Mergawy RAAM, Gallardo-Escarate C, Garcia M, Gardiner MM, Guillemaud T, Haye PA, Hellemans B, Hinrichsen P, Jeon JH, Kerdelhue C, Kharrat I, Kim KH, Kim YY, Kwan Y-S, Labbe EM, LaHood E, Lee KM, Lee W-O, Lee Y-H, Legoff I, Li H, Lin C-P, Liu SS, Liu YG, Long D, Maes GE, Magnoux E, Mahanta PC, Makni H, Makni M, Malusa T, Matura R, McKey D, McMillen-Jackson AL, Mendez MA, Mezghani-Khemakhem M, Michel AP, Paul M, Muriel-Cunha J, Nibouche S, Normand F, Palkovacs EP, Pande V, Parmentier K, Peccoud J, Piatscheck F,

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