

# FRANCK COURCHAMP

## POPULATION DYNAMICS & CONSERVATION BIOLOGY

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<http://www.esse.u-psud.fr/epc/conservation/pages/Franck/homepage.html>

### EDUCATION

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- 01/10/2015** First Class Senior Researcher (DR 1 CNRS: *Centre National de la Recherche Scientifique*)
- 2014-2015** Sabbatical year as Invited Scholar at University of California Los Angeles, USA
- 03/02/2003** PhD Supervision enabling (HDR) – Thesis, 41 pp.
- 1/10/2000** CNRS Full time researcher position (ranked 1<sup>st</sup> at the 2000 CNRS national contest), employed at the ESE-UPS (*Laboratory of Ecology, Systematics & Evolution, University Paris South, Orsay*)
- 1999 - 2000** Postdoctoral position with Pr. Leadley (ESE-UPS): *Control of invasive mammals on islands*
- 1999 - 1997** Postdoctoral position with Pr. Clutton-Brock et Dr Grenfell (*Department of Zoology, University of Cambridge, UK*): *Demographic consequences of obligate cooperative breeding*
- 1997-1996** Postdoctoral position with Pr. Sugihara (*Scripps Institution of Oceanography – University of California San Diego, USA*): *Modelling of tri-trophic systems: applications to Conservation Biology*
- 1996-1992** Ph. D. Thesis with Pr. Pontier (+ Teaching Assistant: moniteur & ATER – *University Lyon I, France*).  
*Epidemiological study of Feline Immunodeficiency Virus in domestic cat populations.*  
Committee: R.M. Anderson, M. Hochberg, C. Combes, M. Artois, D. Pontier and J.M. Legay
- 1992-1991** Master Sc. Thesis: *Analysis and Modelling of Biological Systems (Univ. Lyon I, France)*

### PUBLICATIONS

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- 127 publications in international peer-reviewed journals (see complete list [here](#))
- >13000 citations (Google Scholar <http://scholar.google.com/citations?user=LGAaXeYAAAAJ>), h=48
- 9 book chapters
- 1 book (“The Allee effect”, with two co-authors), 1 popularization book (“Ecology for dummies”, in French)
- Author in two international expert reports (GBO4 & IPPC5)
- 61 international conferences (33 invited)

### PRICES AND AWARDS

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- Fulbright Fellowship (2014)
- Silver Medal of the CNRS (2011)
- Excellency Prize CNRS (2010-2013)
- Southwood Prize 2000 of the best paper by a young researcher (*British Ecological Society*)
- Secured and managed 14 major grants (over 3.8 millions €) since 2001
- Listed by ISI (*Thompson Scientific – Web of Science*) as a ‘Highly Cited’ scientist both in the field of “Ecology/Environment” and in “All Fields” (top 0.5% of ecologists based on past 10 years).
- 2 papers listed in *Faculty of 1000 (Ecology Letters. 15/4 : 365–377 & PLoS Biology. 4(12): e415.)*
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### COLLECTIVE RESPONSIBILITIES

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- Member of the European Academy of Science (*Academia Europae*, 2014-).
- Member of the Editorial Board of *Ecological Research* (2004-), *Ecology Letters* (2009-), *Int. J. Biodiv.* (2012-), *PLoS One* (2014-).
- Regular referee for >30 peer-reviewed International Journals (includ. *Am. Nat.*, *Ecol. Let.*, *Nature*, *PLoS Biol.*, *PNAS*, *Proc. Roy. Soc. Lond.*, *B*, *Science*, *Trends in Ecology & Evolution*, ...), as well as for national and international grant applications. Regular member of PhD Thesis and HDR Comities, in France and abroad
- Expert member of the Invasive Species Specialist Group of the IUCN.
- Member of "Commission de Spécialistes" (Jury Committee for University hiring) for Paris VI Jussieu (2001-2002), Paris XI Orsay (2004-2007) and Tours (2001-2003).
- Member of "CoNRS, Section 29", Committee for hiring and evaluating CNRS researchers & labs (2005-2008).
- Member of the ECO panel of the Finnish Academy of Science (2009-2012).

- Member of the CSS3, Committee for hiring and evaluating IRD researchers & labs (2012-2015).
- Member of the Scientific Committee of FRB, Fondation pour la Recherche sur la Biodiversité (2009-2013).
- Member of the Scientific Committee of the CESAB (2010-2011).
- Member of the Scientific Committee of the WWF France (2011-2013).
- Director of the Dpt "Ecology of Population and Communities" of the UMR CNRS 8079 (2008-2009).
- CNRS representative for the International Year of Biodiversity (2010).

## TEACHING AND SUPERVISION

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- Teaching**
- Lectures and laboratory courses in *Ecology*, in *Population Dynamics* and in *Conservation Biology*. Levels: 1st year University to Master's degree (Colleges and Universities of Lyons & Paris in France, University of Cambridge in the UK).
  - Participation to the creation of the new Master Research « *Ecology, Biodiversity and Evolution* » of University Paris XI. Creation and management of: « *Ecology in English* » (communicating science; 2004 – 2010) and « *Conservation Biology* » (2004-2006), two weeks each for Master 2 students.
- Supervision**
- Supervision of over 90 students at different university levels in France and abroad
  - Supervision of 7 Ph. D. Thesis students and 18 postdoctoral researchers

## POPULARISATION

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### Audiovisual

#### Scientific documentaries

- *Safari urbain: épidémiologie du SIDA du chat*. 1996. 29 mn. Production: F. Courchamp & G. Laurent (ARTOS). Editor: T. Paturle, CNRS Audiovisuel. DVD
- *Et si... La guerre et la paix : Et si un écologue avait quelque chose à nous dire sur la paix ?* 2003. 56mn Scientific interviews designed and realised by Anne Jaffrennou & Marie Cuisset. ZKO Production. DVD.
- *Quand les rats quittent le navire*. 2007. 10 min. Realisation E. Fertil, broadcasted May 30<sup>th</sup>, 2007 on France 5
- *Comment préserver la biodiversité*. 2009. 30 Min. Journalist A. Spire, realisation D. Deleskiewicz, production CNRS Images. DVD
- *Un monde vivant – histoires de biodiversité*. 2010. Perspective of 6 CNRS researchers on biodiversity and its stakes. 1h30. Realisation S. Bensadoun. Production CNRS Images. DVD.
- *Et si la biodiversité disparaissait ?* 2010. Animation Clip video d'animation for the Internet. 2min25. English and French versions. Realisation S. Bensadoun. Production CNRS Images.
- *Les rats, pirates des îles*, 2010. Realisation E Vidal & PE Chaillon. 56 min. production CNRS Images. DVD
- *Planète Corps*, 2015. Realisation PE Gaudry. 90 min. ARTE. Four international prizes.

#### TV shows

- *Discovery Channel Can.*, *Complément Terre* (Direct8), *EfferveSciences* (W9, Synapse TV)

#### Emissions radios

- *France Inter*, *France Info*, *France Bleue*, *RFI*, *Europe 1*, *LeMouv'*, *Radio Canada*, *TSF*, *Nat. Pub. Radio USA*, ...

### Conferences

- Many scientific conferences for all public: for associations, municipalities, schools (primary, middle, high, universities), regional collectivities, shows, embassies, Internet chats, Cafés-Débats...
- On line conference: <http://www.ese.u-psud.fr/epc/conservation/pages/Franck/vulgarisation7.html>

### Print & electronic media

- Scientific press: *New Scientist*, *National Geographic*, *Scientific American*, *Pour la Science*, *Science & Vie*, *Science & Avenir*, *InfoScience*, *La Recherche*, *Le Point Vétérinaire*
- Highlights in national press: *Le Monde*, *Libération*, *Le Figaro*, *La Croix*, *Santé Magazine*, *Le Progrès de Lyon*, ...
- Highlights in international press: *NY Times*, *LA Times*, *Boston News*, *California Wild*, *Reuters*, *ABQ Journal*, *Science Daily*, *Kent Press Release*, *La Vanguardia*, *The Economist*, *Gazeta Wyborcza*, ...
- Highlights in Internet press: *Netzeitung*, *Net25*, *Chron.com*, *JournalWatchOnline*, *ITV*, *Scitizen*, *Vertitude*, *Savoirs.Essonne*, *Parcauxetoiles*, *Planete-Info*, *Scienceblogs.com* ...
- Book: « *L'écologie pour les nuls* ». 2009. Editions First, 426 pages ("for dummies", French version).

In red: book & book chapters

- 127 – Céline Albert, Gloria M. Luque, **Franck Courchamp**. 2018. The twenty most charismatic species. *PLoS ONE*. 13(7): e0199149. <https://doi.org/10.1371/journal.pone.0199149>
- 126 – Guillaume Chapron, H Levrel, Yves Meinard, **Franck Courchamp**. 2018. Satire for Conservation in the 21st Century. *Trends in Ecology and Evolution*. Learn more about article metrics. DOI: <https://doi.org/10.1016/j.tree.2018.04.017>
- 125 – Camille Leclerc, **Franck Courchamp**, Céline Bellard. 2018. Insular threat associations within taxa worldwide. *Scientific reports*. 8 (1), 6393.
- 124 – Guillaume Chapron, H Levrel, Yves Meinard, **Franck Courchamp**. 2018. A final warning to planet Earth. *Trends in Ecology and Evolution*. DOI: <https://doi.org/10.1016/j.tree.2017.12.010>
- 123 – Ivan Jaric, Ricardo A Correia, David L Roberts, Jörn Gessner, Yves Meinard, **Franck Courchamp**. 2018. On the overlap between scientific and societal taxonomic attention-insights for conservation. *bioRxiv*, 334573.
- 122 – Corey Bradshaw & **Franck Courchamp**. 2018. Gender bias when assessing recommended ecology articles. *Rethinking Ecology*. 3, 1.
- 121 – **Franck Courchamp**, Ivan Jaric, Céline Albert, Yves Meinard, William J. Ripple, Guillaume Chapron. 2018. The paradoxical extinction of the most charismatic animals *PLoS Biology*. 16 (4), e2003997.
- 120 – Morgane Barbet-Massin, Quentin Rome, Claire Villemant & **Franck Courchamp**. 2018. Can species distribution models really predict the expansion of invasive species? *PLoS One*. 13 (3), e0193085.
- 119 – Alice Fournier, Morgane Barbet-Massin, Quentin Rome & **Franck Courchamp**. 2017. Predicting species distribution combining multi-scale drivers. *Global Ecology and Conservation*. 12:215-226.
- 118 – Ivan Jarić, David L. Roberts, Jörn Gessner, Andrew R. Solow & **Franck Courchamp** (2017) Science responses to IUCN Red Listing. *PeerJ* 5:e4025
- 117 – **Franck Courchamp** & Corey Bradshaw. 2017. 100 articles every ecologist should read. *Nature Ecology Evolution*. doi:10.1038/s41559-017-0370-9
- 116 – Elena Angulo, Gloria Luque, Stephen Gregory, John Wenzel, Carmen Bessa-Gomes, Ludek Berec & **Franck Courchamp**. 2017. Allee effects in social species. *Journal of Animal Ecology*. In press.
- 115 – Alok Bang, Gloria Luque & **Franck Courchamp**. 2017. Live-in if you must: density-dependent nest-sharing between two competitive ant species. *Current Science*. 112(8): 1631-1632.
- 114 – **Franck Courchamp**, Alice Fournier, Céline Bellard, Cleo Bertelsmeier, Elsa Bonnaud, Jonathan Jeschke and James Russell. 2017. Invasion Biology: Specific Problems and Possible Solutions. *Trends in Ecology and Evolution*. In press.
- 113 – Corey Bradshaw, Boris Leroy, Céline Bellard, David Roiz, Céline Albert, Alice Fournier, Morgane Barbet-Massin, Jean-Michel Salles, Frédéric Simard & **Franck Courchamp**. 2016. Massive yet grossly underestimated global costs of invasive insects. *Nature Communications*. doi:10.1038/ncomms12986.
- 112 – Gloria M. Luque, Chloé Vayssade, Benoît Facon, Thomas Guillemaud, Franck Courchamp & Xavier Fauvergue. 2016. The genetic Allee effect: a unified framework for the genetics and demography of small populations. *Ecosphere*. 7(7):e01413. 10.1002/ecs2.1413
- 111 – Ivan Jaric, **Franck Courchamp**, Jörn Gessner & David L. Roberts. 2016. Potentially threatened: a Data Deficient flag for conservation management. *Biodiversity Conservation*. 25: 1995. doi:10.1007/s10531-016-1164-0.
- 110 – Ivan Jaric, **Franck Courchamp**, Jörn Gessner & David L. Roberts. 2016. Data mining in conservation research using Latin and vernacular species names. *PeerJ*. 4:e2202; DOI 10.7717/peerj.2202.

- 109 – Holly P. Jones, Nick D. Holmes, Stuart H. M. Butchart, Bernie R. Tershy, Peter J. Kappes, Ilse Corkery, Alfonso Aguirre-Muñoz, Doug P. Armstrong, Elsa Bonnaud, Andrew A. Burbidge, Karl Campbell, **Franck Courchamp**, Philip Cowan, Richard J. Cuthbert, Steve Ebbert, Piero Genovesi, Gregg R. Howald, Bradford S. Keitt, Stephen W. Kress, Colin M. Miskelly, Steffen Opiel, Sally Poncet, Mark J. Rauzon, Gérard Rocamora, James C. Russell, Araceli Samaniego-Herrera, Philip J. Seddon, Dena R. Spatz, David R. Towns, and Donald A. Croll. 2016. Invasive-mammal eradication on islands results in substantial conservation gains. *P.N.A.S. USA*. In press. DOI: 10.1073/pnas.1521179113
- 108 – Benjamin D. Hoffmann & Franck Courchamp. 2016. Biological invasions and natural colonisations: are they that different? *Neobiota*. 29 : 1-14. doi: 10.3897/neobiota.29.6959.
- 107 – James C. Russell, Holly P. Jones, Doug P. Armstrong, **Franck Courchamp**, Peter J. Kappes, Philip J. Seddon, Steffen Opiel, Mark J. Rauzon, Phil E. Cowan, Gérard Rocamora, Piero Genovesi, Elsa Bonnaud, Bradford S. Keitt, Nick D. Holmes and Bernie R. Tershy. 2016. Importance of lethal control of invasive predators for island conservation. *Conservation Biology*. In press. DOI: 10.1111/cobi.12666
- 106 – Céline Bellard, Boris Leroy, Wilfried Thuiller, Jean-François Rysman and Franck Courchamp. 2016. Major drivers of invasion risks throughout the world. *Ecosphere*. 73/3 1-14.
- 105 – Zhongqiu Li, **Franck Courchamp** & Daniel T. Blumstein. 2016. Pigeons home faster through polluted air. *Scientific reports*. 6 : 18989.
- 104 – Cleo Bertelsmeier, Olivier Blight & **Franck Courchamp**. 2016. Invasions of ants (Hymenoptera: Formicidae) in light of global climate change. *Myrmecological News*. 22 : 25-42.
- 103 – Cleo Bertelsmeier, Sébastien Ollier, Amaury Avril, Olivier Blight, Hervé Jourdan & **Franck Courchamp**. 2015. Colony-colony interactions between highly invasive ants. *Basic and Applied Ecology*. In press.
- 102 – Noelia González-Muñoz, Céline Bellard, Camille Leclerc, Jean-Yves Meyer & Franck Courchamp. 2015. Assessing current and future risks of invasion by the “green cancer” *Miconia calvescens*. *Biological Invasions*. 17: 3337-3350. DOI 10.1007/s10530-015-0960-x
- 101 – Camille Leclerc, Céline Bellard, Gloria Luque & **Franck Courchamp**. 2015. Overcoming extinction: understanding processes of recovery of the Tibetan antelope. *Ecosphere*. 6/9 : 171. <http://dx.doi.org/10.1890/ES15-00049.1>.
- 100 – Céline Bellard, Benjamin D. Hoffmann, Camille Leclerc & **Franck Courchamp** 2015. Vulnerability to climate change and sea-level rise of the 35th biodiversity hotspot, the Forests of East Australia. *Environmental Conservation*. doi:10.1017/S037689291500020X.
- 99 – Céline Bellard, Camille Leclerc & **Franck Courchamp**. 2015. Combined impacts of global changes on biodiversity across the USA. *Scientific Reports*. 5:11828, DOI: 10.1038/srep11828.
- 98 – Cleo Bertelsmeier, Amaury Avril, Olivier Blight, Hervé Jourdan & **Franck Courchamp**. 2015. Discovery–dominance trade-off among widespread invasive ant species. *Ecology and Evolution*. doi: 10.1002/ece3.1542.
- 97 – Boris Leroy, Christine Meynard, Céline Bellard & **Franck Courchamp**. 2015. virtualspecies, an R package to generate virtual species distributions. *Ecography*. 38: 001-009.
- 96 – Cleo Bertelsmeier, Amaury Avril, Olivier Blight, Amandine Confais, Lise Diez, Hervé Jourdan, Jérôme Orivel, Noémie de Saint Germès & **Franck Courchamp**. 2015. Different behavioural strategies among seven highly invasive ant species. *Biological Invasions*. DOI 10.1007/s10531-014-0794-3.
- 95 – **Franck Courchamp**, Jenn Dunne, Yvon Le Maho, Robert May, Christophe Thebaud & Michael Hochberg. 2015. Fundamental ecology is fundamental. *Trends in Ecology and Evolution*. 13/1 : 9-16 + reply in *Trends in Ecology and Evolution*. <http://dx.doi.org/10.1016/j.tree.2015.05.003>
- 94 – Cleo Bertelsmeier, Benjamin D. Hoffmann, Gloria M. Luque & **Franck Courchamp**. 2015. Worldwide ant invasions under climate change. *Biodiversity Conservation*. 24 : 117-128. DOI 10.1007/s10531-014-0794-3.

- 93 – Céline Bellard, Benjamin D. Hoffmann, James C. Russell, Camille Leclerc and **Franck Courchamp**. 2014. Adapting island conservation to climate change. Response to Andréfouët et al. *Trends in Ecology and Evolution*. 30/1 : 2-3.
- 92 – Céline Bellard, Camille Leclerc, Boris Leroy, Michel Bakkenes, Samuel Veloz, Wilfried Thuiller & **Franck Courchamp**. 2014. Vulnerability of biodiversity hotspots to global change. *Global Ecology and Biogeography*, 23/12 : 1376-1386. doi:10.1111/geb.12228
- 91 – **Franck Courchamp**, Benjamin D. Hoffmann, James C. Russell, Camille Leclerc and Céline Bellard. 2014. Climate change, sea-level rise, and conservation: keeping island biodiversity afloat. *Trends in Ecology and Evolution*. 29/3 : 127-130.
- 90 – Céline Bellard, Camille Leclerc and **Franck Courchamp**. 2014. Impact of sea level rise on the 10 insular biodiversity hotspots. *Global Ecology and Biogeography*. 23/3 : 203-212.
- 89 – Céline Bellard, Wilfried Thuiller, Boris Leroy, Piero Genovesi, Michel Bakkenes and **Franck Courchamp**. 2013. Will climate change promote future invasions? *Global Change Biology*. 19/12 : 3740–3748.
- 88 – Céline Bellard, Camille Leclerc and **Franck Courchamp**. 2013. Impact of sea level rise on French islands worldwide. *Nature Conservation*. 5 : 75-86.
- 87 – Luque G. M., Giraud T. & **Franck Courchamp**. 2013. Allee effects in ants. *Journal of Animal Ecology*. 82/5 : 956-965.
- 86 – Gloria Luque, Céline Bellard, Cleo Bertelsmeier, Elsa Bonnaud, Piero Genovesi, Dan Simberloff & **Franck Courchamp**. 2013. The 100<sup>th</sup> among some of the worst. *Biological Invasions*. DOI 10.1007/s10530-013-0561-5.
- 85 – Cleo Bertelsmeier, Gloria M. Luque & **Franck Courchamp**. 2013. The impact of climate change changes over time. *Biological Conservation*. 167 : 107-115.
- 84 – Cleo Bertelsmeier, Benoit Guénard & **Franck Courchamp**. 2013. Climate change may boost the invasion of the Asian needle ant. *PLoS One*. 8(10): e75438. doi:10.1371/journal.pone.0075438.
- 83 – Jacques Blondel, Benjamin Hoffmann and **Franck Courchamp**. 2013. The end of Invasion Biology: intellectual debate does not equate to nonsensical science. *Biological Invasions*. DOI 10.1007/s10530-013-0560-6.
- 82 – Cleo Bertelsmeier & **Franck Courchamp**. 2013. Future ant invasions in France. *Environmental Conservation*. 41 (2): 217–228.
- 81 – Gloria Luque, Céline Bellard, Cleo Bertelsmeier, Elsa Bonnaud, Piero Genovesi, Dan Simberloff & **Franck Courchamp**. 2013. Monster fern makes IUCN invader list. *Nature*. 498/7452 : 37.
- 80 – Duan Biggs, **Franck Courchamp**, Rowan Martin & Hugh P. Possingham. 2013. Legal Trade of Africa's Rhino Horns. *Science*. 339 : 1038-1039. + Reply in *Science* (2013). 340 : 1168-1169.
- 79 – Edwards CTT, Rasmussen GSA, Riordan P, **Courchamp F**, Macdonald DW. 2013. Non-Adaptive Phenotypic Evolution of the Endangered Carnivore *Lycaon pictus*. *PLoS ONE* 8(9): e73856. doi:10.1371/journal.pone.0073856.
- 78 – Elena Angulo, Greg S A Rasmussen, David W Macdonald and **Franck Courchamp**. 2013. Do social groups prevent Allee effect related extinctions?: The case of wild dogs. *Frontiers in Zoology*. 10 :11.
- 77 – Cleo Bertelsmeier, Gloria M. Luque & **Franck Courchamp**. 2013. Increase in Quantity and Quality of Suitable Areas for Invasive Species as Climate Changes. *Conservation Biology*. 27/6: 1458–1467.
- 76 – Cleo Bertelsmeier, Gloria M. Luque, Amandine Confais & **Franck Courchamp**. 2013. Antprofiler – a database of ecological characteristics of ants. *Myrmecological News*. 18: 73-76.
- 75 – Cleo Bertelsmeier, Gloria M. Luque & **Franck Courchamp**. 2013. Global warming may freeze the invasion of big-headed ants. *Biological Invasions*. 15/7:1561-1572.
- 74 – Gloria M. Luque, Michael E. Hochberg, Marcel Holyoak, Martine Hossaert, Françoise Gaill and **Franck Courchamp**. 2013. Ecological effects of environmental change. *Ecology Letters*. 16S: 1-3.

- 73 – Simberloff D., J-L Martin, P Genovesi, V Maris, D A Wardle, J Aronson, **F Courchamp**, B Galil, E García-Berthou, M Pascal, P Pyšek, R Sousa, E Tabacchi & M Vilà. 2013. Impacts of biological invasions - what's what and the way forward. *Trends in Ecology and Evolution*. 28 : 58–66.
- 72 – Lucille Palazy, Christophe Bonenfant, Jean-Michel Gaillard and **Franck Courchamp**. 2013. On the use of IUCN status for the management of trophy hunting. *Wildlife Research*. 39:711–720.
- 71 – **Elsa Bonnaud & Franck Courchamp**. Conservation des biotas insulaires. In « *Sciences de la Conservation* ». Michel Gauthier-Clerc, François Mesleard & Jacques Blondel Eds. éditions De Boeck. In press.
- 70 – Céline Bellard, Cleo Bertelsmeier, Paul Leadley, Wilfried Thuiller & **Franck Courchamp**. 2012. Impacts of climate change on the future of biodiversity. *Ecology Letters*. 15/4 : 365–377.
- 69 – Stéphane Caut, Elena Angulo, Benoit Pisanu, Lise Ruffino, Lucie Faulquier, Olivier Lorvelec, Jean-Louis Chapuis, Michel Pascal, Eric Vidal, **Franck Courchamp**. 2012. Seabird Modulations of Isotopic Nitrogen on Islands. *PLoS ONE* 7(6): e39125. doi:10.1371/journal.pone.0039125
- 68 – **Cleo Bertelsmeier, Elsa Bonnaud, Stephen D. Gregory, Franck Courchamp**. 2012. Applied ecology. In “*Encyclopedia of Theoretical Ecology*”. Alan Hastings and Louis Gross, eds. University of California Press. pp 52-60.
- 67 – Pierline Tournant, Liana Joseph, Koichi Goka, **F. Courchamp**. 2012. The rarity and overexploitation paradox: stag beetle collections in Japan. *Biodiversity and Conservation*. 21/6 : 1425-1440.
- 66 – Lucille Palazy, Christophe Bonenfant, Jean-Michel Gaillard and **Franck Courchamp**. 2012. Response to Focus : rarity, trophy hunting and ungulates. *Animal Conservation*. 15/1 : 16-17
- 65 – Lucille Palazy, Christophe Bonenfant, Jean-Michel Gaillard, **Franck Courchamp**. 2012. Rarity, trophy hunting and ungulates. *Animal Conservation*. 15/1 : 4-11
- 64 – Xim Cerdá, Elena Angulo, Stéphane Caut and **Franck Courchamp**. 2012. Ant community structure on a small Pacific island: only one native species living with the invaders. *Biological invasions*. 14/2 : 323-339.
- 63 – Nouvellet, Pierre, Rasmussen Gregory.S.A., Macdonald David.W.and **Franck Courchamp**. 2011. Noisy clocks and silent sunrises: measurement methods of daily activity pattern. *Journal of Zoology*. 286/3 : 179-184.
- 62 – Donna B. Harris, Stephen D. Gregory, Leigh S. Bull and **Franck Courchamp**. 2011. Island prioritization for invasive rodent eradications with an emphasis on reinvasion risk. *Biological invasions*. 14/6: 1251-1263
- 61 – Elsa Bonnaud and **Franck Courchamp**. 2011. Deciphering complex relationships between apparently unrelated species. Commentary. *Animal Conservation*. 14/5 : 468-470
- 60 – De Meester L., van Tienderen P., Werger M., Hector A., Wörheide G., Niemela J., Aguilar A., Smets E., Godfray C., J. Sutherland W., Bauhus J., Courchamp F., Gandini G., Koch M., Le Maho Y., Manuel M., Pawlowski J., Queinnec E., Owens I., Keustermans L. 2011. Challenges for biodiversity research in Europe, *Procedia - Social and Behavioral Sciences*, 13:83–100.
- 59 – Lucille Palazy, Christophe Bonenfant, Jean-Michel Gaillard, **Franck Courchamp**. 2011. Cat Dilemma: Too Protected To Escape Trophy Hunting? *PLoS One*. 6(7): e22424. doi:10.1371/journal.pone.0022424.
- 58 - Stephen D. Gregory, **Franck Courchamp**. 2010. Safety in numbers: extinction arising from predator-driven Allee effects. *Journal of Animal Ecology*. 79/3: 511-514
- 57 - Stephen D. Gregory, Corey J. A. Bradshaw, Barry W. Brook, **Franck Courchamp**. 2010. Limited evidence for the demographic Allee effect from numerous species across taxa. *Ecology*. 91/7 : 2151-2161
- 56 - Stéphane Caut, Elena Angulo, **Franck Courchamp** & Jordi Figuerola. 2010. Trophic experiments to estimate isotope discrimination factors. *Journal of Applied Ecology*. 47 : 948–954
- 55 - Linda Munson, Karen A. Terio, Marie-Pierre Ryser-Degiorgis, Emily P. Lane, and **Franck Courchamp**. 2010. Chap 9: Wild felid diseases: conservation implications and management strategies. In *Biology*

*and Conservation of Wild Felids* – D. Macdonald & A. Loveridge Eds. Oxford University Press. pp 237-281

- 54 - Jo Gascoigne, Ludek Berec, Stephen Gregory, **Franck Courchamp**. 2009. Dangerously few liaisons : a review of mate-finding Allee effects. *Population Ecology*. 51:355–372
- 53 - Elena Angulo, **Franck Courchamp**. 2009. Rare species are valued big time. *PLoS One*. 4(4): e5215. doi:10.1371/journal.pone.0005215.
- 52 - Elena Angulo, Anne-Laure Deves, Michel Saint Jalmes, **Franck Courchamp**. 2009. Fatal attraction: Rare species in the spotlight. *Proc. Roy. Soc. London, B*. 276: 1331–1337. doi:10.1098/rspb.2008.1475.
- 51 - Stéphane Caut, Elena Angulo & **Franck Courchamp**. 2009. Avoiding surprise effects on Surprise Island: alien species control in a multi-trophic level perspective. *Biological Invasions*. 11/7 : 1689-1703
- 50 - Stéphane Caut, Elena Angulo & **Franck Courchamp**. 2009. Variation in discrimination factors ( $\Delta^{15}\text{N}$  &  $\Delta^{13}\text{C}$ ): the effect of diet isotopic values and applications for diet reconstruction. *Journal of Applied Ecology*. 46 : 443-453
- 49 – Leigh Bull & **Franck Courchamp**. 2009. Management of interacting invasives: ecosystem approaches. In, *Invasive Species Management, A Handbook of Principles and Techniques*. M. Clout & Williams, P.A. (eds). Oxford University Press. pp. 232-247
- 48 - Agnès Gault, Yves Meinard, **Franck Courchamp**. 2008. Consumers' taste for rarity drives sturgeons to extinction. *Conservation Letters*. 1: 199-207.
- 47 - Stéphane Caut, Elena Angulo & **Franck Courchamp**. 2008. Caution on isotopic model use for analyses of consumer diet. *Canadian Journal Of Zoology*. 86(5): 438-445
- 46 - Gregory S. A. Rasmussen, Markus Gusset, **Franck Courchamp** and David W. Macdonald. 2008. Achilles Heel of Sociality Revealed by Energetic Poverty Trap in Cursorial Hunters. *The American Naturalist*. 172(4): 508-18
- 45 - Richard J. Hall, E. J. Milner-Gulland and **Franck Courchamp**. 2008. Endangering the endangered: the effects of perceived rarity on species exploitation. *Conservation Letters*. 1(2) : 75-81
- 44 - **Franck Courchamp**, Joanna Gascoigne & Ludek Berec. 2008. *Allee effects in ecology and conservation*. Oxford University Press. 264 p
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