

FRANCK COURCHAMP

POPULATION DYNAMICS & CONSERVATION BIOLOGY

franck.courchamp@cnrs.fr

<https://www.biodiversitydynamics.fr/> - ORCID : 0000-0001-7605-4548

EDUCATION

- 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
- 01/10/2008** Second Class Senior Researcher (DR 2 CNRS)
- 03/02/2003** PhD Supervision enabling (HDR) – Thesis, 41 pp.
- 1/10/2000** CNRS Full time researcher position (ranked 1st 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

- >170 publications in international peer-reviewed journals (see complete list [here](#))
- >23,000 citations (Google Scholar <http://scholar.google.com/citations?user=LGAaXeYAAAAJ>), h=61
- 9 book chapters
- 1 book ("The Allee effect", with two co-authors), 1 popularization book ("Ecology for dummies", in French)
- Author in 4 international expert reports (GBO4, IPCC5, IPBES, IPBES-IAS)
- 71 international conferences (42 invited)

PRIZES AND AWARDS

- Fulbright Fellowship (2014)
- Silver Medal of the CNRS (2011)
- Excellency Prize CNRS (2010-2018)
- Southwood Prize 2000 of the best paper by a young researcher (*British Ecological Society*)
- Secured and managed 15 major grants (over 4.3 million €) since 2001
- 3 papers recommended by *Faculty of 1000*.
- Highly Cited Researcher 2020 (ISI Thompson Scientific – Web of Science - top 0.1% of scientists in any field)
- Knight of the French National Order of Merit, 2021

COLLECTIVE RESPONSIBILITIES

- 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.* (2012-2019), *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) and 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 in 2010 and in 2018-2019.
- CNRS representative at the Comité National de la Biodiversité (French Ministry of Environment).

TEACHING AND SUPERVISION

- 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 10 Ph. D. Thesis students and 21 postdoctoral researchers

POPULARISATION

Audiovisual

Scientific documentaries

- *Legacy*, 2021. Realisation Yann Arthus Bertrand. 1h40. [Several million views](#)
- *Insignificant*, 2019; 3 x 10' miniseries in 3D Motion design. Realisation Clément Morin. <https://youtu.be/stCxLxBMiYA> >15 million views on different versions
- *Les Super-Juniors, ils s'engagent pour la planète*. 2017. Real. Eve Minault. 90 min. France Television.
- *Planète Corps*, 2015. Real. PE Gaudry. 90 min. ARTE. Four international prizes.
- *Les rats, pirates des îles*, 2010. Real. E Vidal & PE Chaillon. 56 min. production CNRS Images. DVD
- *Et si la biodiversité disparaissait ?* 2010. Animation Clip video for the Internet. 2min25. English and French versions. Real. S. Bensadoun. Production CNRS Images.
- *Un monde vivant – histoires de biodiversité*. 2010. Perspective of 6 CNRS researchers on biodiversity and its stakes. 1h30. Real. S. Bensadoun. Production CNRS Images. DVD.
- *Comment préserver la biodiversité*. 2009. 30 Min. with A. Spire, Real. D. Deleskiewicz, prod. CNRS Images.
- *Quand les rats quittent le navire*. 2007. 10 min. Real. E. Fertil, broadcasted May 30th, 2007 on France 5
- *Et si... La guerre et la paix : Et si un écologue avait quelque chose à nous dire sur la paix ?* 2003. 56min. Real. Anne Jaffrennou & Marie Cuisset. ZKO Production. DVD.
- *Safari urbain: épidémiologie du SIDA du chat*. 1996. 29 mn. Editor: T. Paturle, CNRS Audiovisuel. DVD

TV shows

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

radios shows

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

Conferences

- Many scientific conferences for all public: for NGOs, municipalities, schools (primary, middle, high, universities), regions & administration, shows, embassies, Internet chats, debates...
- On line conference: <http://www.esu-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, ...*
- Regular essays, interviews and highlights in the national and international paper press and the Internet press.
- **Books:** « *L'écologie pour les nuls* ». 2009. Editions First, 426 pages ("for dummies", French version). « *La Biodiversité, comprendre pour mieux agir* ». 2010. Edition Les petits débrouillards. 80p.

- **Comic Book** : « *La guerre des fourmis* ». Edition Equateur et www.laguerredesfourmis.com ~400 000 views.
- **Popularisation articles** (ex, *The Conservation*, > 1 million readers).

In green: book & book chapters

- 175 – Christophe Diagne C, Boris Leroy, Anne-Charlotte Vaissière, Rodolphe E Gozlan, David Roiz, Ivan Jarić, Jean-Michel Salles, Corey JA Bradshaw, **Franck Courchamp**. 2021. High and rising economic costs of biological invasions worldwide. *Nature*. 10.1038/s41586-021-03405-6.
- 174 – Kwek Yan Chong, Richard T. Corlett, Martin A. Nuñez, Jing Hua Chiu, **Franck Courchamp**, Wayne Dawson, Sara Kuebbing, Andrew M. Liebhold, Michael Padmanaba, Lara Souza, Kelly M. Andersen, Songlin Fei, Benjamin P.Y.-H. Lee, Shawn Lum, Matthew S. Luskin, Kang Min Ngo, David A. Wardle. 2021 Are Terrestrial Biological Invasions Different in the Tropics? *Annual Review of Ecology, Evolution, and Systematics* 2021 52:1
- 173 – Phillip J. Haubrock, Camille Bernery, Ross N. Cuthbert, Chunlong Liu, Melina Kourantidou, Boris Leroy, Anna J. Turbelin, Andrew M. Kramer, Laura N.H. Verbrugge, Christophe Diagne, **Franck Courchamp**, Rodolphe E. Gozlan. 2021. Knowledge gaps in economic costs of invasive alien fish worldwide. *Science of the Total Environment*. <https://doi.org/10.1016/j.scitotenv.2021.149875>
- 172 – Ahmed, D.A., Hudgins, E.J., Cuthbert, R.N., Phillip J. Haubrock, David Renault, Elsa Bonnaud, Christophe Diagne & **Franck Courchamp**. 2021. Modelling the damage costs of invasive alien species. *Biological Invasions*. <https://doi.org/10.1007/s10530-021-02586-5>
- 171 – Ross N. Cuthbert, Zarah Pattison, Nigel G. Taylor, Laura Verbrugge, Christophe Diagne, Danish A. Ahmed, Boris Leroy, Elena Angulo, Elizabeta Briski, César Capinha, Jane A. Catford, Tatenda Dalu, Franz Essl, Rodolphe E. Gozlan, Phillip J. Haubrock, Melina Kourantidou, Andrew M. Kramer, David Renault, Ryan J. Wasserman, **Franck Courchamp**. 2021. Global economic costs of aquatic invasive alien species. *Science of the Total Environment*. <https://doi.org/10.1016/j.scitotenv.2021.145238>.
- 170 – Ross N. Cuthbert, Christophe Diagne, Phillip J. Haubrock, Anna Turbelin, **Franck Courchamp**. 2021. Are the “100 of the world’s worst” invasive species also the costliest? *Biological Invasions*. <https://doi.org/10.1007/s10530-021-02568-7>.
- 169 – Elena Angulo, Christophe Diagne, Liliana Ballesteros-Mejía, Tasnime Adamjy, Danish A., Ahmed, Evgeny Akulov, Achyut K. Banerjee, César Capinha, Cheikh A. K. M. Dia, Gauthier Dobigny, Virginia G. Duboscq-Carra, Marina Golivets, Phillip J. Haubrock, Martin A. Nuñez, David Renault, Yuya Watari, Gustavo Heringer, Natalia Kirichenko, Melina Kourantidou, Chunlong Liu, David Roiz, Ahmed Taheri, Laura Verbrugge, Wen Xiong, **Franck Courchamp**. 2021. Non-English languages enrich scientific knowledge: the example of economic costs of biological invasions. *Science of the Total Environment*. <https://doi.org/10.1016/j.scitotenv.2020.144441>.
- 168 – Axel Eduardo Rico-Sánchez, Phillip J. Haubrock, Ross N. Cuthbert, Elena Angulo, Liliana Ballesteros-Mejia, Eugenia López-López, Virginia G. Duboscq-Carra, Martín A. Nuñez, Christophe Diagne, Franck Courchamp. 2021. Economic costs of invasive alien species in Mexico. *NeoBiota*. Special Issue “economic costs of invasive alien species worldwide”. 67 : 459-484. doi:10.3897/neobiota.67.63846
- 167 – Phillip J. Haubrock, Ross N. Cuthbert, Darren C. J. Yeo, Achyut Kumar Banerjee, Chunlong Liu, Christophe Diagne, Franck Courchamp. 2021. Biological invasions in Singapore and Southeast Asia: data gaps fail to mask potentially massive economic costs. *NeoBiota*. Special Issue “economic costs of invasive alien species worldwide”. 67 : 131-152. doi:10.3897/neobiota.67.64560
- 166 – Virginia G. Duboscq-Carra, Romina D. Fernandez, Phillip J. Haubrock, Romina D. Dimarco, Elena Angulo, Liliana Ballesteros-Mejia, Christophe Diagne, Franck Courchamp, Martin A. Nuñez. 2021. Economic impact of invasive alien species in Argentina: a first national synthesis. *NeoBiota*. Special Issue “economic costs of invasive alien species worldwide”. 67 : 329-348. doi:10.3897/neobiota.67.63208
- 165 – José Ricardo Pires Adelino, Gustavo Heringer, Christophe Diagne, Franck Courchamp, Lucas Del Bianco Faria, Rafael Dudeque Zenni. 2021. The economic costs of biological invasions in Brazil: a first

assessment. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67 : 349-374. doi:10.3897/neobiota.67.59185

- 164 – David Renault, Boris Leroy, Elena Manfrini, Christophe Diagne, Liliana Ballesteros-Mejia, Elena Angulo, Franck Courchamp. 2021. Biological invasions in France: Alarming costs and even more alarming knowledge gaps. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67 : 191-224. doi:10.3897/neobiota.67.59134
- 163 – Liliana Ballesteros Mejia, Elena Angulo, Brian Cooke, Christophe Diagne, Martín Nuñez, **Franck Courchamp**. 2021. Economic costs of biological invasions in Ecuador: the importance of Galapagos Islands. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:375-400. doi:10.3897/neobiota.67.59116
- 162 – Ross N. Cuthbert, Angela Bartlett, Anna Turbelin, Phillip Haubrock, Christophe Diagne, Zarah Pattison, **Franck Courchamp**, Jane Catford. 2021. Economic costs of biological invasions in the United Kingdom. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:299-328. doi:10.3897/neobiota.67.59743
- 161 – Corey Bradshaw, Phillip Haubrock, Ross N. Cuthbert, Christophe Diagne, Boris Leroy, Lindell Andrews, Brad Page, Phill Cassey, Andrew Hoskins, **Franck Courchamp**. 2021. Comprehensive assessment of the economic costs of invasive species in Australia. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:511-550. doi:10.3897/neobiota.67.58834
- 160 – Chunlong Liu, Christophe Diagne, Elena Angulo, Achyut Kumar Banerjee, Yifeng Chen, Ross N. Cuthbert, Phillip Haubrock, Natalia Kirichenko, Zarah Pattison, Yuya Watari, Wen Xiong, **Franck Courchamp**. 2021. Economic costs of biological invasions in Asia. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:53-78. doi:10.3897/neobiota.67.58147
- 159 – Phillip J. Haubrock, Ross N. Cuthbert, Elena Tricarico, Christophe Diagne, Rudolphe Gozlan, **Franck Courchamp**. 2021. The economic costs of alien invasive species in Italy. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:247-266. doi:10.3897/neobiota.67.57747
- 158 – Natalia Kirichenko, Phillip Haubrock, Ross N. Cuthbert, Evgeniy Akulov, Elena Karimova, Yuri Shneider, Chunlong Liu, Elena Angulo, Christophe Diagne, **Franck Courchamp**. 2021. Economic costs of biological invasions in terrestrial ecosystems in Russia. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:103-130. doi:10.3897/neobiota.67.58529
- 157 – Melina Kourantidou, Ross N. Cuthbert, Phillip Haubrock, Ana Novoa, Nigel Taylor, Boris Leroy, Cesar Capinha, David Renault, Elena Angulo, Christophe Diagne, **Franck Courchamp**. 2021. Economic costs of invasive alien species in the Mediterranean basin. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:427-458. doi:10.3897/neobiota.67.58926
- 156 – Christophe Diagne, Anna Turbelin, Desika Moodley, Ana Novoa, Boris Leroy, Elena Angulo, Tasnime Adamjy, Cheikh Abdou Khadre Mbacké DIA, Ahmed Taheri, Justice Tambo, Gauthier Dobigny, **Franck Courchamp**. 2021. The economic costs of biological invasions in Africa: a growing but neglected threat? *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:11-51. doi:10.3897/neobiota.67.59132
- 155 – Phillip Haubrock, Ross N. Cuthbert, Andrea Sundermann, Christophe Diagne, Marina Golivets, **Franck Courchamp**. 2021. Economic costs of invasive species in Germany. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:225-246. doi:10.3897/neobiota.67.59502
- 154 – Gustavo Heringer, Elena Angulo, Liliana Ballesteros-Mejia, César Capinha, **Franck Courchamp**, Christophe Diagne, Virginia Duboscq-Carra, Martín Nuñez, Rafael Zenni. 2021. The economic costs of biological invasions in Central and South America: a first regional assessment. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:401-426. doi:10.3897/neobiota.67.59193
- 153 – Elena Angulo, Liliana Ballesteros Mejia, Ana Novoa, Virginia Duboscq-Carra, Christophe Diagne, **Franck Courchamp**. 2021. Economic costs of invasive alien species in Spain. *NeoBiota*. Special Issue “*economic costs of invasive alien species worldwide*”. 67:267-297. doi:10.3897/neobiota.67.59181
- 152 – Robert Crystal-Ornelas, Emma Hudgins, Ross N. Cuthbert, Phillip Haubrock, Jean Fantle-Lepczyk, Elena Angulo, Andrew Kramer, Liliana Ballesteros-Mejia, Boris Leroy, Brian Leung, Eugenia López-López, Christophe Diagne, **Franck Courchamp**. 2021. Economic costs of biological invasions within

North America. *NeoBiota*. Special Issue “economic costs of invasive alien species worldwide”. 67:485-510. doi:10.3897/neobiota.67.58038

- 151 – Phillip Haubrock, Anna Turbelin, Ross N. Cuthbert, Ana Novoa, Nigel Taylor, Elena Angulo, Liliana Ballesteros Mejia, Thomas Bodey, César Capinha, Christophe Diagne, Franz Essl, Marina Golivets, Natalia Kirichenko, Melina Kourantidou, Boris Leroy, David Renault, Laura Verbrugge, **Franck Courchamp**. 2021. Economic costs of invasive alien species across Europe. *NeoBiota*. Special Issue “economic costs of invasive alien species worldwide”. 67:153-190. doi:10.3897/neobiota.67.58196
- 150 – Ivan Jarić, Céline Bellard, Ricardo A. Correia, **Franck Courchamp**, Karel Douda, Franz Essl, Jonathan M. Jeschke, Gregor Kalinkat, Lukáš Kalous, Robert J. Lennox, Ana Novoa, Raphaël Proulx, Petr Pyšek, Andrea Soriano-Redondo, Allan T. Souza, Reut Vardi, Diogo Veríssimo & Uri Roll. 2021. Invasion culturomics and iEcology. *Conservation Biology*. 35/2: 447-451.
- 149 – Cordonnier, Marion; Blight, Olivier; Angulo, Elena; **Courchamp, Franck**. 2020. The native ant *Lasius niger* can limit the access to resources of the invasive Argentine ant. *Animals*. 10/12: 2451. <https://doi.org/10.3390/ani10122451>
- 148 – Camille Leclerc, **Franck Courchamp** & Céline Bellard. 2020. Future climate change vulnerability of endemic island mammals. *Nature Communications*. 11(1):4943. doi: 10.1038/s41467-020-18740-x.
- 147 – Alok Bang & **Franck Courchamp** 2020. Industrial rearing of edible insects could be a major source of new biological invasions. *Ecology Letter*. doi : 10.1111/ele.13646.
- 146 – Lenzner B, Latombe G, Capinha C, Bellard C, **Courchamp F**, Diagne C, Dullinger S, Golivets M, Irl SDH, Kühn I, Leung B, Liu C, Moser D, Roura-Pascual N, Seebens H, Turbelin A, Weigelt P and Essl F. 2020. What Will the Future Bring for Biological Invasions on Islands? An Expert-Based Assessment. *Front. Ecol. Evol.* 8:280. doi: 10.3389/fevo.2020.00280
- 145 – Dirk S. Schmeller, **Franck Courchamp** & Killeen Gerry. 2020. Biodiversity loss, emerging pathogens and human health risks. *Biodiversity and Conservation*. <https://doi.org/10.1007/s10531-020-02021-6>
- 144 – Guillaume Latombe, David M. Richardson, Melodie A. McGeoch, Res Altwegg, Jane A. Catford, Jonathan M. Chase, **Franck Courchamp**, Karen J. Esler, Jonathan M. Jeschke, Pietro Landi, John Measey, Guy F. Midgley, Henintsoa O. Minoarivelo, James G. Rodger & Cang Hui. 2020. Mechanistic reconciliation of community and invasion ecology. *Ecosphere*. In press.
- 143 – Christophe Diagne, Jane Catford, Franz Essl, Martín Nuñez & **Franck Courchamp**. 2020. What are the costs of biological invasions? A complex topic requiring international and interdisciplinary expertise. *NeoBiota*. 63: 25-37. <https://doi.org/10.3897/neobiota.63.55260>
- 142 – Ross N. Cuthbert Sven Bacher Tim M. Blackburn Elizabeta Briski Christophe Diagne Jaimie T. A. Dick Franz Essl Piero Genovesi Phillip J. Haubrock Guillaume Latombe Bernd Lenzner Yves Meinard Aníbal Pauchard Petr Pyšek Anthony Ricciardi David M. Richardson James C. Russell Daniel Simberloff & **Franck Courchamp**. 2020. Invasion costs, impacts, and human agency: Response to Sagoff 2020. *Conservation Biology*. <https://doi.org/10.1111/cobi.13592>
- 141 – Ivan Jarić, Céline Bellard, **Franck Courchamp**, Gregor Kalinkat, Yves Meinard, David L Roberts, Ricardo A. Correia. 2020. Societal attention toward extinction threats: a comparison between climate change and biological invasions. *Scientific Reports* 10, 11085. <https://doi.org/10.1038/s41598-020-67931-5>
- 140 – Ivan Jarić, Ricardo A. Correia, Barry W. Brook, Jessie C. Buettel, **Franck Courchamp**, Enrico Di Minin, Josh A. Firth, Kevin J. Gaston, Paul Jepson, Gregor Kalinkat, Richard Ladle, Andrea Soriano-Redondo, Allan T. Souza & Uri Roll. 2020. iEcology: harnessing the Big Data revolution to generate ecological insights. *Trends in Ecology and Evolution*. 35 (7), 630-639. <https://doi.org/10.1016/j.tree.2020.03.003>
- 139 – Diagne C., Leroy. B., Gozlan R., Vaissière A-C., Roiz, D., Nunninger L., Assailly C., Jaric I. & **Courchamp F.** 2020. INVACOST: a public database of the global economic costs of biological invasions. *Nature Scientific Data*. 7/1: 277.
- 138 – Essl F., **Courchamp F.**, Dullinger S., Jeschke J.M., Schindler S. 2020. Make Open Access publishing fair and transparent. *BioScience*. 70/3:201-204. <https://doi.org/10.1093/biosci/biaa004>
- 137 – Ivan Jarić, **Franck Courchamp**, Ricardo A. Correia, Sarah L. Crowley, Franz Essl, Anke Fischer, Pablo González-Moreno, Gregor Kalinkat, Xavier Lambin, Bernd Lenzner, Yves Meinard, Aileen Mill, Camille

Musseau, Ana Novoa, Jan Pergl, Petr Pyšek, Klára Pyšková, Peter Robertson, Menja von Schmalensee, Ross T. Shackleton, Robert A. Stefansson, Kateřina Štajerová, Diogo Veríssimo, Jonathan M. Jeschke. 2020. The role of species charisma in biological invasions. *Frontiers in Ecology and the Environment*. 18/6: 345-353. <https://doi.org/10.1002/fee.2195>

- 136 – Morgane Barbet-Massin, Jean-Michel Salles & **Franck Courchamp**. 2020. The economic cost of control of the invasive yellow-legged Asian hornet. *Neobiota*. 55-11-25. <https://doi.org/10.3897/neobiota.55.38550>.
- 135 – Jan Pergl, Petr Pyšek, Franz Essl, Jonathan M. Jeschke, **Franck Courchamp**, Juergen Geist, Martin Hejda, Ingo Kowarik, Aileen Mill, Camille Musseau, Pavel Pipek, Wolf-Christian Saul, Menja von Schmalensee, and David Strayer. 2019. Need for routine tracking of biological invasions. *Conservation Biology*. DOI: 10.1111/cobi.13445.
- 134 – **Franck Courchamp**, Philip Hulme & Petr Pyšek. 2019. Invasion biology and uncertainty in native range definitions: response to Pereyra 2019 *Conservation Biology*. 34/4: 1041–1043. DOI: 10.1111/cobi.13528
- 133 – Essl, F., Lenzner, B., **Courchamp, F.**, Dullinger, S., Jeschke, J. M., Kühn, I., Leung, B., Moser, D., Roura-Pascual, N. & Seebens, H., 2019, Introducing AlienScenarios: a project to develop scenarios and models of biological invasions for the 21st century. *NeoBiota*. 1619-0033.
- 132 – Carol M. Frost, Allen J. Warwick, **Franck Courchamp**, Jonathan M. Jeschke, Wolf-Christian Saul & David A. Wardle. 2019. Using Network Theory to Understand and Predict Biological Invasions. *Trends in Ecology & Evolution*. <https://doi.org/10.1016/j.tree.2019.04.012>
- 131 – Alice Fournier, Caterina Penone, Maria Grazia Pennino & **Franck Courchamp**. 2019. Predicting future invaders and future invasions *PNAS USA*. 116/16: 7905–7910. <https://www.pnas.org/cgi/doi/10.1073/pnas.1803456116>
- 130 – William J. Ripple, Christopher Wolf, Thomas M. Newsome, Matthew G. Betts, Gerardo Ceballos, **Franck Courchamp**, Matt W. Hayward, Blaire Van Valkenburgh, Arian D. Wallach & Boris Worm. 2019. Are we eating the world's megafauna to extinction? *Conservation Letters*. DOI: 10.1111/conl.12627.
- 129 – Céline Bellard, Camille Leclerc and **Franck Courchamp**. 2019. The Effects of Sea-Level Rise on Habitats and Species. In, *Biodiversity and Climate Change Transforming the Biosphere*. Eds T.E. Lovejoy & L. Hannah. Yale University Press. 381pp. <https://doi.org/10.12987/9780300241198>.
- 128 – Anibal Pauchard, Laura A. Meyerson, Sven Bacher, Tim M. Blackburn, Giuseppe Brundu, Marc W. Cadotte, **Franck Courchamp**, Franz Essl, Piero Genovesi, Sylvia Haider, Nick D. Holmes, Philip E. Hulme, Jonathan M. Jeschke, Julie L. Lockwood, Ana Novoa, Martin A. Nuñez, Duane A. Peltzer, Petr Pyšek, David M. Richardson, Daniel Simberloff, Kevin Smith, Brian W. van Wilgen, Montserrat Vilà, John R. U. Wilson, Marten Winter, Rafael D. Zenni. 2018. Biodiversity assessments : Origin matters. *PLOS Biology*. <https://doi.org/10.1371/journal.pbio.2006686>
- 127 – Céline Albert, Gloria M. Luque, **Franck Courchamp**. 2018. The twenty most charismatic species. *PLoS ONE*. 13(7): e0199149.
- 126 – Guillaume Chapron, Harold Levrel, Yves Meinard, **Franck Courchamp**. 2018. Satire for Conservation in the 21st Century. *Trends in Ecology and Evolution*. 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, Harold 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*. DOI: 10.1111/1365-2656.12759.
- 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*. 32 (1): 13-22.
- 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 100th 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 Berek. 2008. *Allee effects in ecology and conservation*. Oxford University Press. 264 p
- 43 - Stéphane Caut, Elena Angulo & **Franck Courchamp**. 2008. Dietary shift of an invasive predator and endangered prey: rats, seabirds and sea turtles. *Journal of Applied Ecology*. 45: 428-437. [Article OpenAccess](#)
- 42 - Stéphane Caut, Elena Angulo & **Franck Courchamp**. 2008. Discrimination factors ($\Delta^{15}\text{N}$ & $\Delta^{13}\text{C}$) in an omnivorous consumer: effect of diet isotopic ratio. *Functional Ecology*. 22(2): 255-263
- 41 - Philippe Rivalan, Allison M. Rosser*, Virginie Delmas*, Elena Angulo*, Leigh S. Bull, Richard J. Hall, Nigel Leader-Williams & **Franck Courchamp**. 2007. Can bans stimulate wildlife trade? *Nature* 447: 529-530.
- 40 - Anne Deredec, Ludek Berek, David S. Boukal & **Franck Courchamp**. 2007. Are non-sexual models appropriate for predicting the impact of virus-vectored immunocontraception? *Journal of Theoretical Biology* 250(2): 281-290
- 39 - Anne Deredec & **Franck Courchamp**. 2007. Importance of the Allee effect for reintroductions. *Ecoscience*. 14(4) : 440-451
- 38 - Stéphane Caut, Jorge G. Casanovas, Emilio Virgos, Jorge Lozano, Gary W. Witmer, & **Franck Courchamp**. 2007. Rats dying for mice: modelling the competitor release effect. *Austral Ecology*. 32: 858-868
- 37 - Xavier Fauvergue, Jean-Claude Malausa, Ludovic Giuge & **Franck Courchamp**. 2007. Invading parasitoids suffer no Allee effect: a manipulative field experiment. *Ecology*. 88(9): 2392-2403
- 36 - Elena Angulo, Gary Roemer, Ludek Berek, Jo Gascoigne & **Franck Courchamp**. 2007. Double Allee effects and the decline of the critically endangered island fox. *Conservation Biology*. 21(4): 1082-1091
- 35 - Ludek Berek, Elena Angulo and **Franck Courchamp**. 2007. Multiple Allee effects and population management. *Trends in Ecology and Evolution*. 22(4): 185-191
- 34 - **F. Courchamp**, E. Angulo*, P. Rivalan*, R. Hall*, L. Signoret, L. Bull & Y. Meinard. 2006. Value of rarity and species extinction: the anthropogenic Allee effect. *PLoS Biology*. 4(12): e415. DOI: 10.1371/journal.pbio.0040415.
- 33 - Stéphane Caut, Gary W. Roemer, C. Josh Donlan, & **Franck Courchamp**. 2006. Coupling Stable Isotopes with Bioenergetics to Estimate Interspecific Interactions. *Ecological Applications*. 16(5) : 1893-1900
- 32 - Anne Deredec & **Franck Courchamp**. 2006. Combined impacts of Allee effects and parasitism. *Oikos* 112: 667-679
- 31 - **Franck Courchamp** & Caut Stéphane. 2005. Use of biological invasions and their control to study the dynamics of interacting populations. In *Conceptual ecology and invasions biology*. M.W. Cadotte, S.M. McMahon & T. Fukami (eds) Springer, 253-279
- 30 - Gary Roemer, Rosie Woodroffe & **Franck Courchamp**. Predators and Prey in the Channel Islands: response to Dratch et al. and to Helgen. 2004. *Science*. 305 : 777-778
- 29 - Marc Girdondot, Virginie Delmas, Philippe Rivalan, **Franck Courchamp**, Anne-Caroline Prévot-Julliard and Matthew Godfrey. 2004. Implication of temperature-dependent sex determination for population dynamics. In *Temperature-dependent sex determination in vertebrates*. Valenzuela, N. & V.A. Lance (eds) Smithsonian Books, 148-157
- 28 - **Franck Courchamp**, Rosie Woodroffe & Gary Roemer. 2003. Removing Protected Populations to Save Endangered Species. *Science*. 302, 5650 : 1532
- 27 - Anne Deredec & **Franck Courchamp**. 2003. Extinction thresholds in host-parasite dynamics. *Annales Zoologici Fennici* 40: 115-130.
- 26 - **Franck Courchamp**, Michel Pascal & Jean-Louis Chapuis. 2003. Mammal invaders on islands, impact, control and control impact. *Biological Reviews*. 78: 347-383.

- 25 – Gary Roemer, Josh Donlan & **Franck Courchamp**. 2002. Golden eagles, feral pigs and insular carnivores: how exotic species turn native predators into prey. *Proc. Natl. Acad. Sci. USA*, 99(2): 791-796.
- 24 - **Franck Courchamp**, Greg Rasmussen & David Macdonald. 2002. Small pack size imposes a trade-off between hunting and pup guarding in the painted hunting dog *Lycaon pictus*. *Behavioral Ecology*. 13: 20-27.
- 23 - **Franck Courchamp** & David Macdonald. 2001. Crucial importance of pack size in African wild dogs *Lycaon pictus*. *Animal Conservation*. 4: 169-174
- 22 - **Franck Courchamp**, Ludovic Say & Dominique Pontier. 2000. Transmission of Feline Immunodeficiency Virus in a population of cats (*Felis catus*). *Wildlife Research*. 27: 603-611
- 21 - **Franck Courchamp**, Bryan Grenfell & Tim Clutton-Brock. 2000. Multipack dynamics and the Allee effect in African wild dogs. *Animal Conservation*. 3(4) : 277-286
- 20 - **Franck Courchamp**, Bryan Grenfell & Tim Clutton-Brock. 2000. Impact of natural enemies on obligate cooperators. *OIKOS*. 91(2) : 311-322
- 19 - **Franck Courchamp** & Stephen Cornell. 2000. Modelling virus vectored immunocontraception to control domestic cats introduced onto islands. *Journal of Applied Ecology*. 37(6): 903-913.
- 18 - **Franck Courchamp**, Ludovic Say & Dominique Pontier. 2000. Detection, identification and correction of a bias in an epidemiological study. *Journal of Wildlife Diseases*. 36: 71-79
- 17 - **Franck Courchamp**, Michel Langlais & George Sugihara. 2000. Rabbits killing birds: modelling the hyperpredation process. *Journal of Animal Ecology*. 69: 154-164
- 16 - **Franck Courchamp**, Michel Langlais & George Sugihara. 1999. Control of rabbits to protect birds against cat predation. *Biological Conservation*. 89: 219-225
- 15 - **Franck Courchamp**, Tim Clutton-Brock and Bryan Grenfell. 1999. Inverse density dependence and the Allee effect. *Trends in Ecology and Evolution*. 14: 405-410.
- 14 - **Franck Courchamp**, Bryan Grenfell & Tim Clutton-Brock. 1999. Population dynamics of obligate cooperators. *Proceedings of the Royal Society of London, Biological Sciences*. 266: 557-564
- 13 - **Franck Courchamp**, Michel Langlais & George Sugihara. 1999. Cats protecting birds: modelling the mesopredator release effect. *Journal of Animal Ecology* 68: 282-292
- 12 - **Franck Courchamp** & George Sugihara. 1999. Biological control of alien predator populations to protect native island prey species from extinction. *Ecological Applications* 9: 112-123.
- 11 - Hanna Kokko, Eero Helle, Jan Lindström, Esa Ranta, Tero Sipilä & **Franck Courchamp**. 1999. Backcasting population sizes of Ringed and Grey Seals in the Baltic and Lake Saimaa during the 20th century. *Annales Zoologici Fennici*. 36: 65-73.
- 10 – Emmanuelle Fromont, Carine Cohen, **Franck Courchamp**, Marc Artois, Michel Langlais & Dominique Pontier. 1999. Infection strategies of three viruses and consequences on virus propagation. *Ecologie*. 30(4): 221-230
- 9 - **Franck Courchamp**, Nigel Yoccoz, Marc Artois & Dominique Pontier. 1998. At-risk individuals in Feline Immunodeficiency Virus epidemiology: evidence from a multivariate approach in a natural population of domestic cats (*Felis catus*). *Epidemiology and Infection*. 121: 227-238
- 8 - Dominique Pontier, Emmanuelle Fromont, **Franck Courchamp**, Marc Artois & Nigel Yoccoz. 1998. Retroviruses and sexual size dimorphism in domestic cats (*Felis catus* L.). *Proceedings of the Royal Society of London, Biological Sciences*. 265: 167-173
- 7 - Emmanuelle Fromont, **Franck Courchamp**, Marc Artois & Dominique Pontier. 1997. Infection strategies of retroviruses and social grouping of domestic cats. *Canadian Journal of Zoology*. 75: 1994-2002
- 6 - **Franck Courchamp**, Christelle Suppo, Emmanuelle Fromont & Catherine Bouloux. 1997. Dynamics of two feline retroviruses (FIV and FeLV) within one population of cats. *Proceedings of the Royal Society of London, Biological Sciences*. 264: 785-794

- 5 - Emmanuelle Fromont, Marc Artois, Michel Langlais, **Franck Courchamp** & Dominique Pontier. 1997. Modelling the Feline Leukemia Virus (FeLV) in a natural population of cats (*Felis catus*). *Theoretical Population Biology*. 52: 60-70
- 4 - **Franck Courchamp**, Dominique Pontier, Emmanuelle Fromont & Marc Artois. 1995. Impact of two feline retroviruses on natural populations of domestic cat. *Mammalia*. 59/4 : 589-598
- 3 - **Franck Courchamp**, Dominique Pontier, Michel Langlais & Marc Artois. 1995. Population dynamics of Feline Immunodeficiency Virus within populations of cats. *Journal of Theoretical Biology*. 175/4: 553-560
- 2 - **Franck Courchamp**, Dominique Pontier & Marc Artois. 1995. Modelling the Feline Immunodeficiency Virus within populations of domestic cats (*Felis catus*). *Journal of Biological Systems*. 3/3 : 769-777
- 1 - **Franck Courchamp** & Dominique Pontier. 1994. Feline Immunodeficiency Virus: an epidemiological review. *Compte Rendus de l'Académie des Sciences de Paris, III, Sciences de la Vie*. 317: 1123-1134

*equal contribution