

# FRANCK COURCHAMP

## POPULATION DYNAMICS & CONSERVATION BIOLOGY

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### 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
- 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 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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- >180 publications in international peer-reviewed journals (see complete list [here](#))
- >24,000 citations (Google Scholar <http://scholar.google.com/citations?user=LGAaXeYAAAAJ>), h=62
- 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)

### PRICES AND AWARDS

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- 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

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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.* (2012-2019), *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

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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 10 Ph. D. Thesis students and 21 postdoctoral researchers

## POPULARISATION

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### 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 30<sup>th</sup>, 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.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, ...*
- Regular essais, 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](http://www.laguerredesfourmis.com) ~400 000 views.
- **Popularisation articles** (ex, *The Conservation*, > 1 million readers).

In green: book & book chapters

- 189 – Alok Bang, Ross N. Cuthbert, Phillip J. Haubrock, Romina D. Fernandez, Desika Moodley, Christophe Diagne, Anna J. Turbelin, David Renault, Tatenda Dalu & Franck Courchamp. 2022. Massive economic costs of biological invasions despite widespread knowledge gaps: a dual setback for India. *Biological Invasions*. doi: s10530-022-02780-z
- 188 – Phillip J. Haubrock, Ross N Cuthbert, Anthony Ricciardi, Christophe Diagne, Franck Courchamp. 2002. bivalves. Economic costs of invasive bivalves in freshwater ecosystems. *Diversity and Distributions*. <https://doi-org.inee.bib.cnrs.fr/10.1111/ddi.13501>
- 187 – Chunlong Liu, Christian Wolter, Franck Courchamp, Núria Roura-Pascual and Jonathan M. Jeschke. 2022. Biological invasions reveal how niche change affects the transferability of species distribution models. *Ecology*. *In press*.
- 186 – Elena Angulo, Benjamin D Hoffmann, Liliana Ballesteros-Mejia, Ahmed Taheri, Paride Balzani, David Renault, Marion Cordonnier, Céline Bellard, Christophe Diagne, Danish A Ahmed, Yuya Watari, Franck Courchamp. 2022. Economic costs of invasive alien ants worldwide. *Biological Invasions*. *In press*. 10.21203/rs.3.rs-346306/v1
- 185 – Ahmed, D.A., Hudgins, E.J., Cuthbert, R.N.†, Kourantidou, M., Diagne, C., Haubrock, P.J., Leung, B., Liu, C., Leroy, B., Petrovskii, S., Beidas, A., Courchamp, F. 2022. Managing biological invasions: the cost of inaction. *Biological Invasions*, *in press*. *Biological Invasions*. 10.1007/s10530-022-02755-0
- 184 – Phillip J. Haubrock, Ross N. Cuthbert, Emma J. Hudgins, Robert Crystal-Ornelas, Melina Kourantidou, Desika Moodley, Chunlong Liu, Anna J. Turbelin, Boris Leroy, Franck Courchamp. 2022. Geographic and taxonomic trends of rising biological invasion costs. *Science of The Total Environment*. Vol 817, <https://doi.org/10.1016/j.scitotenv.2022.152948>.
- 183 – Ross N. Cuthbert, Christophe Diagne, Emma J. Hudgins, Anna Turbelin, Danish A. Ahmed, Céline Albert, Thomas W. Bodey, Elizabeta Briski, Franz Essl, Phillip J. Haubrock, Rodolphe E. Gozlan, Natalia Kirichenko, Melina Kourantidou, Andrew M. Kramer, Franck Courchamp. 2022. Biological invasion costs reveal insufficient proactive management worldwide. *Science of The Total Environment*. <https://doi.org/10.1016/j.scitotenv.2022.153404>.
- 182 – Boris Leroy, Andrew M. Kramer, Anne-Charlotte Vaissière, **Franck Courchamp**, Christophe Diagne. 2022. Analysing global economic costs of invasive alien species with the invacost R package. *Methods in Ecology and Evolution*. <https://doi.org/10.1101/2020.12.10.419432>
- 181 – Desika Moodley, Elena Angulo, Ross N. Cuthbert, Brian Leung, Anna Turbelin, Ana Novoa, Melina Kourantidou, Gustavo Heringer, Phillip J. Haubrock, David Renault, Marine Robuchon, Jean Fantle-Lepczyk, **Franck Courchamp**, Christophe Diagne. 2022. Economic costs of biological invasions in protected areas worldwide - where do we stand? *Biological Invasions*. 10.21203/rs.3.rs-289130/v1
- 180 – Melina Kourantidou, Phillip J. Haubrock, Ross N. Cuthbert, Thomas W. Bodey, Bernd Lenzner, Rodolphe E. Gozlan, Martin A. Nuñez, Jean-Michel Salles, Christophe Diagne, **Franck Courchamp**. 2022. Invasive alien species as simultaneous benefits and burdens: trends, stakeholder perceptions and management. *Biological Invasions*. <https://doi.org/10.1007/s10530-021-02727-w>
- 179 – Castañeda Irene, Bonnaud Elsa, **Courchamp Franck**, Luque Gloria. 2021. Influence of number of queens on nest establishment for two polygynous ant species. *Animals*. 11, 591. doi: [10.3390/ani11030591](https://doi.org/10.3390/ani11030591)
- 178 – Antonín Kouba, Francisco J Oficialdegui, Ross N Cuthbert, Melina Kourantidou, Josie South, Elena Tricarico, Rodolphe E Gozlan, **Franck Courchamp**, Phillip J Haubrock. 2021. Identifying economic costs and knowledge gaps of invasive aquatic crustaceans. *Science of the Total Environment*. <http://dx.doi.org/10.1016/j.scitotenv.2021.152325>
- 177 – Jean E. Fantle-Lepczyk, Phillip J. Haubrock, Andrew M. Kramer, Ross N. Cuthbert, Anna J. Turbelin, Robert Crystal-Ornelas, Christophe Diagne, **Franck Courchamp**. 2021. Economic costs of biological invasions in the United States. *Science of the Total Environment*. <https://doi.org/10.1101/2021.07.02.450757>.

- 176 – 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*. 592: 571–576. 10.1038/s41586-021-03405-6.
- 175 – 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
- 174 – 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>
- 173 – 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>
- 172 – 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>.
- 171 – 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>.
- 170 – 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>.
- 169 – Yuya Watari, Hirotaka Komine, Elena Angulo, Christophe Diagne, Liliana Ballesteros Mejia, Franck Courchamp. 2021. First synthesis of economic costs of biological invasions in Japan. *NeoBiota*. Special Issue “economic costs of invasive alien species worldwide”. 67 : 79-101. doi:10.3897/neobiota.67.59186
- 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, Elena Manfrini, Boris Leroy, 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 Doua, 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*. 12(2). e03359. <https://doi.org/10.1002/ecs2.3359>
- 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>
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