

FRANCK COURCHAMP

DYNAMIQUE DES POPULATIONS ET BIOLOGIE DE LA CONSERVATION

FORMATION

- 01/10/2015** Passage en DR1 – 01/10/2008: Passage en DR2 – 01/10/05: Passage en CR1 – 03/02/03: HDR
2014-2015 *Visiting Scholar* et *Fulbright Fellow* à l'Université de Californie Los Angeles, USA
01/10/2000 Recrutement au CNRS (classé 1^{er} au concours CR2 2000 section 30) à l'ESE-UPS (Laboratoire d'Ecologie, Systématique & Evolution, Université Paris Sud, Orsay)
1999 - 2000 Stage Post doctoral chez Pr. Paul Leadley (ESE-UPS): Contrôle des mammifères introduits sur les îles
1997 - 1999 Stage Post doctoral chez Pr. Clutton-Brock et Dr Grenfell (Department of Zoology, University of Cambridge, UK): Reproduction coopérative et effet Allee
1997-1996 Stage Post doctoral chez Pr. Sugihara (Scripps Institution of Oceanography – Université San Diego, Californie, USA): Dynamique des réseaux trophiques perturbés en milieu insulaire
1996-1992 Thèse de Doctorat chez Pr. Pontier (Bourse MRES, ½ ATER: Université Claude Bernard, Lyon I). Etude de l'épidémiologie du Virus de l'Immunodéficience Féline dans les populations de chats domestiques, *Felis catus*. Mention très honorable, félicitations du jury

PUBLICATIONS

- >170 publications dans des revues à comité de lecture. >23 000 citations ([Google Scholar](#)), h=61
- 1 monographie scientifique (avec deux co-auteurs), trois livres de vulgarisation, 7 chapitres de livres
- 71 conférences internationales dont 42 invitées

COMMUNICATIONS INTERNATIONALES (INVITATIONS UNIQUEMENT, HORS FRANCE) :

- Vodice, Croatia** (2020) *11th International Conference on Biological Invasions*
Warsaw, Poland (2019) *8th European Congress of Mammalogy*
Vilnius, Lithuania (2019) *34th International Union of Game Biology Congress*
Tsukuba, Japan (2019) *First Meeting of the Lead Authors of the IAS-IPBES assessment*
Katowice, Poland (2018) *COP 24 on Climate Change*
Sharm El-Sheikh, Egypt (2018) *COP 14 Biodiversity*
Tallinn, Estonia (2018) *Crossing boundaries: new approaches to science for policy in Europe*
Stellenbosch, South Africa (2018) *Ecological communities and ecosystems facing biological invasions*
Bariloche, Argentina (2018) *Range Shifts and Local Adaptations - Andina 2018*
Montana, USA (2017) *Weed Control and Invasive Species 2017 Meeting*
Azores, Portugal (2016) *Island Biology 2016*
Abu Dhabi, EAU (2015) *Eye on Earth World Summit 2015*
Sevilla, Spain (2015) *10th European Vertebrate Pest Management Conference*
Quito, Equator (2015) *La biodiversidad frente al cambio climático / COP21*
Cairns, Australia (2014) *IUSSI International Congress*
London, England (2013) *11th INTECOL Congress*
Bialowieza, Poland (2012) *"Invasive species – threat and management" International Workshop*
Tokyo, Japon (2011) *5th Japanese-French Frontiers of Science symposium*
Bialowieza, Poland (2010) *BIOSEB, M. Curie European Summer Schools in Ecology & Biodiv.*
Moscou, Russia (2009) *Cycle International de Conf. Scientifiques (3 villes de Russie)*
Tokyo, Japan (2009) *Int'l Day for Biological Diversity, United Nation Univ. Headquarters*
Tromsø, Norway (2009) *Stables Isotopes and Predator-Prey Interactions Meeting*
Okinawa, Japan (2008) *First International Symposium on Invasive Mammals*
Hawaii, USA (2007) *Interdisciplinary Conf. on "Rats, Humans, and their Impacts on Islands"*
Turku, Finland (2007) *5th Nessling Environment Symposium*
York, England (2006) *IUCN workshop «vertebrate predators on islands»*
Londres, England (2006) *Mammal Society Symp.: 'Invasion ecology'*
Okazaki, Japan (2006) *OBC Conference, Biology of Extinctions*
Sapporo, Japan (2005) *9th International Mammalogy Conference*
Okazaki, Japan (2004) *OBC Conference, Biology of Extinctions. Okazaki*
Oxford, England (2001) *Canid Conservation Conference*

ACTIVITÉS D'ENSEIGNEMENT

- Création et responsabilité des UE M2R « *Ecology in English* » (2004 – 2010) et « *Biologie de la Conservation* » (2004-2006).
- Encadrement d'étudiants (>90) à divers niveaux en France et à l'étranger (L1 à thèse)
- Divers cours en *Dynamique des Populations* et en *Biologie de la Conservation*, en 1^{er} et 2nd Cycles Universitaires en France et à l'étranger.
- Monitorat, puis ATER, UCB Lyon I: TP, TD et cours d'Analyse et de Statistiques, d'Informatique, d'Ecologie, de Dynamique et Génétique des Populations en 1^{er}, 2^{ème} et 3^{ème} cycles

ACTIVITES DE VULGARISATION

Audiovisuel

Films documentaires

- *Legacy*, 2021. Réalisation Yann Arthus Bertrand. 1h40. Diffusion M6. **Plus de 6 millions de vues.**
- *Insignificant* – Une espèce à part. 2019. 10x3'. Film d'animation 3D avec Clément Morin. Arte Diffusion. <https://youtu.be/stCxLxBMjYA>. **Plus de 15 millions de vues sur les différentes versions.**
- *Les Super-Juniors, ils s'engagent pour la planète*. 2017. Real. Eve Minault. 90 min. France Television.
- *Planète Corps*, 2015. 90 min. Réalisation PF Gaudry. Production Arte. DVD. Quatre prix internationaux.
- *Les rats, pirates des îles*, 2010. Réalisation E Vidal et PE Chaillon. 56 min. production CNRS Images. DVD
- *Et si la biodiversité disparaissait ?* 2010. Clip vidéo d'animation pour Internet. 2min25. Versions Française et Anglaise. Réalisation S. Bensadoun. Production CNRS Images. DVD
- *Un monde vivant – histoires de biodiversité*. 2010. Regards croisés de 6 chercheurs CNRS sur la biodiversité et ses enjeux. 1h30. Réalisation S. Bensadoun. Production CNRS Images. DVD.
- *Comment préserver la biodiversité*. 2009. 30 Min. Journaliste A. Spire, réalisateur D. Deleskiewicz, production CNRS Images. DVD
- *Quand les rats quittent le navire*. 2007. 10 min. Réalisation E. Fertil, diffusé le 30 mai 2007, France 5
- *Et si... La guerre et la paix : Et si un écologue avait quelque chose à nous dire sur la paix ?* 2003. 56mn. Collection d'entretiens scientifiques réalisée par A. Jaffrennou & M. Cuisset. ZKO Production. DVD
- *Safari urbain: épidémiologie du SIDA du chat*. 1996. 29 mn. CNRS Audiovisuel. DVD

Emissions télévisées

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

Emissions radios

- *France Inter*, *France Info*, *France Bleue*, *RFI*, *Europe 1*, *RTL*, *LeMouv'*, *Radio Fourvière*, *TSF*, *National Public Radio USA*, *Radio Adelaïde (Australie)*, *Radio Télévision Suisse*, ...

Conférences

- Nombreuses conférences publiques : pour des associations, des municipalités, des écoles (primaire, collège, lycées), des collectivités territoriales, des salons et festivals, ambassades, *chat* Internet, Cafés-Débats...
- Conférence en ligne : <http://www.ese.u-psud.fr/epc/conservation/pages/Franck/vulgarisation7.html>

Presse écrite

- Articles de presse Scientifique: *The Conversation*, *Pour la Science*, *Science & Vie*, *Science & Avenir*, *Science et Vie Junior*, *InfoScience*, *La Recherche*, *New Scientist*, *National Geographic*, *Scientific American*, ...
- Reprises presse Nationale : *Le Monde*, *Libération*, *Le Figaro*, *La Croix*, *Santé Magazine*, *L'Express*, *Sud Ouest*, ...
- Nombreuses reprises presse Internationale et reprise Internet.
- Livres: « *L'écologie pour les nuls* ». 2009. Editions First, 426 pages ;
« *La Biodiversité, comprendre pour mieux agir* ». 2010. Edition Les petits débrouillards. 80p.
- Bande Dessinée : *la guerre des fourmis*. 2019. Edition Equateur et www.laguerredesfourmis.com ~400 000 vues.
- Certains articles très lus (ex, *The Conservation*, > 1 million lecteurs).

RESPONSABILITES COLLECTIVES

- Supervision de 21 chercheurs postdoctoraux et de 10 thèses
- Membre de l'Académie des Sciences Européenne (*Academia Europae*, 2014- présent).
- Membre expert de l'*Invasive Species Specialist Group* de l'IUCN.
- Auteur de rapports intergouvernementaux (GBO4, IPPC5, IPBES1, IPBES-IAS)
- Membre de l'Editorial Board de *Ecological Research* (2004-présent), *Ecology Letters* (2009-présent), *International Journal of Biodiversity* (2012-2019) et *PLoS One* (2014-présent).
- Rapporteur régulier pour >30 revues internationales depuis 1997 (*Am. Nat.*, *Eco. Let.*, *J. Anim. Ecol.*, *Nature*, *PNAS*, *Proc. Roy. Soc. Lond.*, *B*, *Science*, *TREE*, *PLoS Biology*...), pour des thèses et HDR et pour des projets de recherche (ANR, ASAB, ECOS, IFB, IPEV, ...) en France et à l'étranger,
- Membre Commissions de Spécialistes (Section 67-68, Paris XI, 2004-2007, Tours, suppléant, 2001-2003, Paris VI, suppléant, 2001-2002), du Comité National du CNRS (section 29, mandat 2004-2008), de la CSS3 de l'IRD (2012-2015), du Comité Scientifique du Climate Initiative Program de la Fondation BNP Paribas (2016-2019) et de l'EcoPanel de l'Académie des Sciences de Finlande (selon les années, 2009-présent)
- Membre du Comité Scientifique de la Fondation pour la Recherche sur la Biodiversité (2009-2013).
- Chef d'équipe « Ecologie des Populations et Communautés » (2008-2009) et « Biodiversity Dynamics & Macroecology » (2020-présent) de l'UMR 8079.
- Membre du Comité Scientifique du CESAB (2010-2011).
- Chargé de Mission CNRS à l'INEE pour la Biodiversité (2009-2010), (2018-2020).
- Membre du Comité Scientifique du WWF France (2011-2013).
- Membre du Comité National de Biodiversité (représentant le CNRS ; 2017-présent)

FINANCEMENTS & PRIX

- Obtention et gestion de 17 contrats majeurs pour un total de plus de 6,3 millions d'€ depuis 2001.
- Trois articles recommandés par *Faculty of 1000*.
- Highly Cited Scientists (0.1% des scientifiques les plus cités de leur domaine – Web of Science).
- Chevalier de l'Ordre National du Mérite, 2021.
- Bourse Fulbright Chercheur 2014.
- Médaille d'Argent CNRS, 2011.
- Prix Southwood 2000 du meilleur article d'un jeune chercheur (*British Ecological Society*).

En vert, les livres ou chapitre de livres - En bleu, quelques informations supplémentaires

Fichiers Pdf disponibles ici: <https://www.biodiversitydynamics.fr/publications/>

- 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 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) :e03359.10.1002/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>
- 139 – Diagne C., Leroy. B., Gozlan R., Vaissière A-C., Roiz, D., Nuninger 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.
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