









Jonathan Jeschke's publication list, with [links](#) to PDFs and Supplements

Publications with the following features are highlighted (last update 9 February 2019):

 50	 100	 250	 500	≥50, 100, 250, 500 citations, respectively, in the Web of Science
 Highly Cited Paper	Highly cited paper (in the top 1%) according to the Web of Science, considering the research field and publication year			
Top 10	In the top 10 of most visited papers of the journal			
 Altmetric	Altmetric score ≥100			
 F1000Prime RECOMMENDED	Recommended by Faculty of 1000			
 nature RESEARCH HIGHLIGHT	Nature Research Highlight			

Invasive species and other novel organisms

Jarić, I.; Heger, T.; Castro Monzon, F.; **Jeschke, J.M.**; Kowarik, I.; McConkey, K.R.; Pyšek, P.; Sagouis, A.; Essl, F. In press. Crypticity in biological invasions. *Trends in Ecology & Evolution*.

Kerkow, A.; Wieland, R.; Koban, M.B.; Hölker, F.; **Jeschke, J.M.**; Walther, D.; Kampen, H. In press. What makes the Asian bush mosquito (*Aedes japonicus japonicus*) feel comfortable in Germany? A fuzzy modelling approach. *Parasites & Vectors*.

Jeschke, J.M.; Heger, T. (eds.) 2018. *Invasion Biology: Hypotheses and Evidence*. CABI, Wallingford, UK. 188 Pages.

Companion website: **Jeschke, J.M.**; Enders, M.; Bagni, M.; Jeschke, P.; Zimmermann, M.; Heger, T. 2018. Hi-Knowledge.org.

The book includes the following chapters that I co-authored:

Chapter 2: Heger, T.; **Jeschke, J.M.** The hierarchy-of-hypotheses approach. Pages 14-18.

Chapter 6: Heger, T.; **Jeschke, J.M.** The hierarchy-of-hypotheses approach updated – a toolbox for structuring and analysing theory, research and evidence. Pages 38-45.

Chapter 7: Enders, M.; **Jeschke, J.M.** A network of invasion hypotheses. Pages 49-59.

Chapter 8: **Jeschke, J.M.**; Debille, S.; Lortie, C.J. Biotic resistance and island susceptibility hypotheses. Pages 60-70.

Chapter 9: Nordheimer, R.; **Jeschke, J.M.** Disturbance hypothesis. Pages 71-78.

Chapter 10: Braga, R.R.; Gómez Aparicio, L.; Heger, T.; Vitule, J.R.S.; **Jeschke, J.M.** Invasional meltdown hypothesis. Pages 79-91.

Chapter 11: Heger, T.; **Jeschke, J.M.** Enemy release hypothesis. Pages 92-102.

Chapter 13: **Jeschke, J.M.**; Pyšek, P. Tens rule. Pages 124-132.

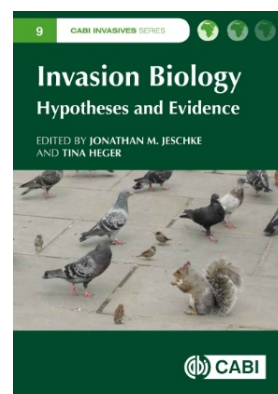
Chapter 14: Torchyk, O.; **Jeschke, J.M.** Phenotypic plasticity hypothesis. Pages 133-139.

Chapter 15: **Jeschke, J.M.**; Erhard, F. Darwin's naturalization & limiting similarity hypotheses. Pages 140-146.

Chapter 16: **Jeschke, J.M.**; Starzer, J. Propagule pressure hypothesis. Pages 147-153.

Chapter 17: **Jeschke, J.M.**; Heger, T. Synthesis. Pages 157-166.

Chapter 18: Heger, T.; **Jeschke, J.M.** Conclusions and outlook. Pages 167-172.



-  **Highly Cited Paper** Bacher, S.; Blackburn, T.M.; Essl, F.; Genovesi, P.; Heikkilä, J.; **Jeschke, J.M.**; Jones, G.; Keller, R.; Kenis, M.; Kueffer, C.; Martinou, A.F.; Nentwig, W.; Pergl, J.; Pyšek, P.; Rabitsch, W.; Richardson, D.M.; Roy, H.E.; Saul, W.-C.; Scalera, R.; Vilà, M.; Wilson, J.R.U.; Kumschick, S. 2018. Socio-economic impact classification of alien taxa (SEICAT). *Methods in Ecology and Evolution* 9, 159-168.
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- Braga, R.R.; Gómez-Aparicio, L.; Heger, T.; Vitule, J.R.S.; **Jeschke, J.M.** 2018. Structuring evidence for invasional meltdown: broad support but with biases and gaps. *Biological Invasions* 20, 923-936.
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- Rabitsch, W.; Heger, T.; **Jeschke, J.**; Saul, W.-C. 2018. Priorisierung der Pfade nicht vorsätzlicher Einbringung und Ausbreitung invasiver gebietsfremder Arten in Deutschland. *Natur und Landschaft* 93, 416-422.
- Roy, H.E.; Groom, Q.; Adriaens, T.; Agnello, G.; Antic, M.; Archambeau, A.-S.; Bacher, S.; Bonn, A.; Brown, P.; Brundu, G.; Claramunt López, B.; Cleary, M.; Cogălniceanu, D.; de Groot, M.; De Sousa, T.; Deidun, A.; Essl, F.; Fišer Pečnikar, Ž.; Gazda, A.; Gervasini, E.; Glavendekic, M.M.; Gigot, G.; Jelaska, S.D.; **Jeschke, J.M.**; Kaminski, D.; Karachle, P.K.; Komives, T.; Lapin, K.; Lucy, F.; Marchante, E.; Marisavljevic, D.; Marja, R.; Martín Torrijos, L.; Martinou, A.; Matosevic, D.; Mifsud, C.M.; Motiejūnaitė, J.; Ojaveer, H.; Pasalic, N.; Pekárik, L.; Per, E.; Pergl, J.; Pesic, V.; Pocock, M.; Reino, L.; Ries, C.; Rozyłowicz, L.; Schade, S.; Sigurdsson, S.; Steinitz, O.; Stern, N.; Teofilovski, A.; Thorsson, J.; Tomov, R.; Tricarico, E.; Trichkova, T.; Tsiamis, K.; van Valkenburg, J.; Vella, N.; Verbrugge, L.; Véték, G.; Villaverde, C.; Witzell, J.; Zenetos, A.; Cardoso, A.-C. 2018. Increasing understanding of alien species through citizen science (Alien-CSI). *Research Ideas and Outcomes* 4, e31412.
-  **Altmetric**  **Highly Cited Paper** Seebens, H.; Blackburn, T.M.; Dyer, E.E.; Genovesi, P.; Hulme, P.E.; **Jeschke, J.M.**; Pagad, S.; Pyšek, P.; van Kleunen, M.; Winter, M.; Arianoutsou, M.; Bacher, S.; Blasius, B.; Brocknerhoff, E.G.; Brundu, G.; Capinha, C.; Causton, C.E.; Celesti-Grappow, L.; Dawson, W.; Dullinger, S.; Economo, E.P.; Fuentes, N.; Guénard, B.; Jäger, H.; Kartesz, J.; Kenis, M.; Kühn, I.; Lenzner, B.; Liebhold, A.; Mosena, A.; Moser, D.; Nentwig, W.; Nishino, M.; Pearman, D.; Pergl, J.; Rabitsch, W.; Rojas-Sandoval, J.; Roques, A.; Rorke, S.; Rossinelli, S.; Roy, H.E.; Scalera, R.; Schindler, S.; Štajerová, K.; Tokarska-Guzik, B.; Walker, K.; Ward, D.F.; Yamanaka, T.; Essl, F. 2018. Global rise in emerging alien species results from increased accessibility of new source pools. *Proceedings of the National Academy of Sciences USA* 115, E2264-E2273.

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-  **Highly Cited Paper** Latombe, G.; Pyšek, P.; **Jeschke, J.M.**; Blackburn, T.M.; Bacher, S.; Capinha, C.; Costello, M.J.; Fernández, M.; Gregory, R.D.; Hobern, D.; Hui, C.; Jetz, W.; Kumschick, S.; McGrannachan, C.; Pergl, J.; Roy, H.E.; Scalera, R.; Squires, Z.E.; Wilson, J.R.U.; Winter, M.; Genovesi, P.; McGeoch, M.A. 2017. A vision for global monitoring of biological invasions. *Biological Conservation* 213, 295-308.
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- 50 Top 10** **Jeschke, J.M.**; Gómez Aparicio, L.; Haider, S.; Heger, T.; Lortie, C.J.; Pyšek, P.; Strayer, D.L. 2012. Support for major hypotheses in invasion biology is uneven and declining. *NeoBiota* 14, 1-20.
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- Top 10** Kühn, I.; Kowarik, I.; Kollmann, J.; Starfinger, U.; Bacher, S.; Blackburn, T.M.; Bustamante, R.O.; Celesti-Grapow, L.; Chytrý, M.; Colautti, R.I.; Essl, F.; Foxcroft, L.C.; García-Berthou, E.; Gollasch, S.; Hierro, J.; Hufbauer, R.A.; Hulme, P.E.; Jarošík, V.; **Jeschke, J.M.**; Karrer, G.; Mack, R.N.; Molofsky, J.; Murray, B.R.; Nentwig, W.; Osborne, B.; Pyšek, P.; Rabitsch, W.; Rejmánek, M.; Roques, A.; Shaw, R.; Sol, D.; van Kleunen, M.; Vilà, M.; von der Lippe, M.; Wolfe, L.M.; Penev, L. 2011. Open minded and open access: introducing NeoBiota, a new peer-reviewed journal of biological invasions. *NeoBiota* 9, 1-12.
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- 100** **Jeschke, J.M.**; Strayer, D.L. 2008. Usefulness of bioclimatic models for studying climate change and invasive species. *The Year in Ecology and Conservation Biology 2008. Annals of the New York Academy of Sciences* 1134, 1-24.
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