



# SORTEE

Society for Open, Reliable, and Transparent Ecology and Evolutionary Biology

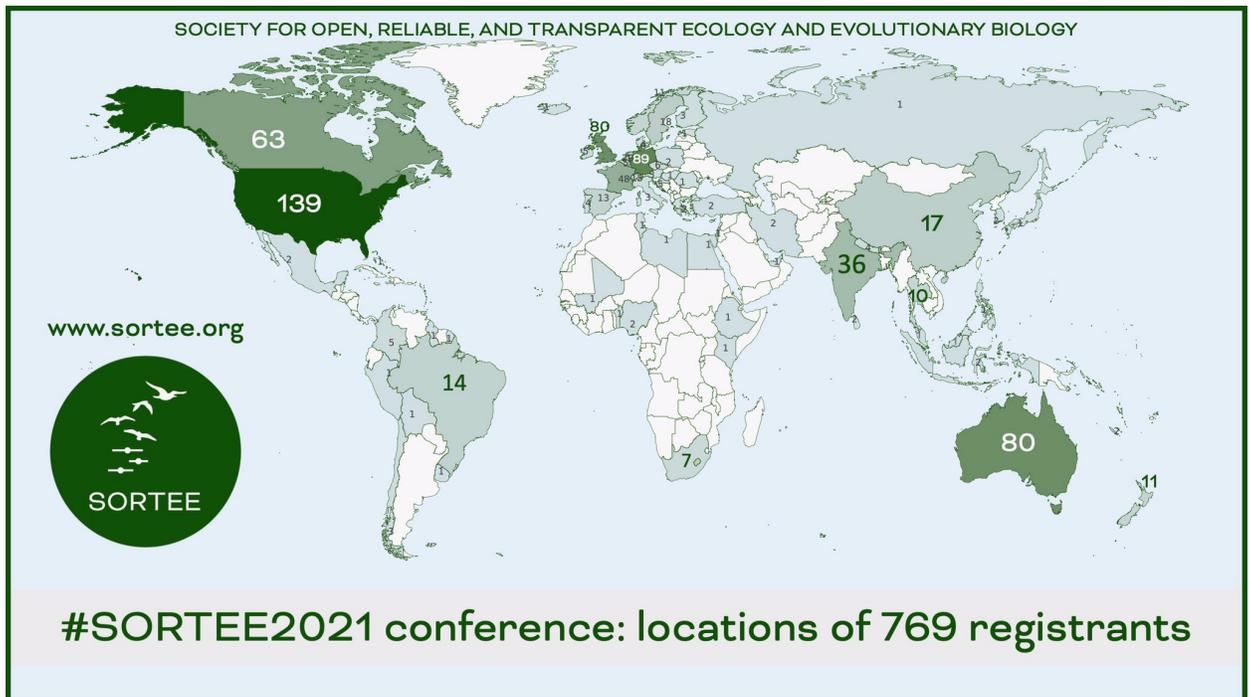
## Newsletter, October 2021

<https://www.sortee.org/>

Twitter: [@sortecoevo](https://twitter.com/sortecoevo)

### SORTEE **2021** Conference news and links

- SORTEE 2021 Conference was held remotely over 48 hours from 12 July - 14 July.
- 769 people registered from 63 countries!



## SORTEE **2021** Conference news and links (continued)

- 43 interactive events
- 20 short presentations
- 6 plenaries - Fully captioned videos of all plenaries are now available to download or stream at the links below:
  - [Malvika Sharan](#)
  - [Julie Stewart Londes](#)
  - [Michael Jennions](#)
  - [Richard McElreath](#)
  - [Michael Eisen](#)
  - [Hannah Fraser](#)
  - [YouTube playlist](#) for all plenary presentations
- The Conference Information Pack is available here:  
<https://tinyurl.com/sortee2021info>
- You can access the list of recorded plenaries and short presentations, as well as various other materials at our osf.meetings page:  
<https://osf.io/meetings/SORTEE2021/>
- Blog from Matt Grainger & Ed Ivimey-Cook with reflections from the conference:  
[https://www.sortee.org/blog/2021/09/08/2021\\_replication-crisis\\_is\\_not\\_a\\_crisis/](https://www.sortee.org/blog/2021/09/08/2021_replication-crisis_is_not_a_crisis/)

## **2022** SORTEE Conference

- Based on the feedback we received from the 2021 Conference, SORTEE plans to hold annual virtual conferences
- We are looking for dedicated volunteers to help organize the SORTEE 2022 Conference
- If you are interested in joining the 2022 conference committee, please visit our [committee volunteer survey page as soon as possible](#). For a full list of committee volunteer opportunities, see below.

## SORTEE [2022 Committees](#) - Get involved with SORTEE. SORTEE needs your help!

Committees: we are seeking expressions of interest to volunteer on SORTEE committees in 2022 (3-year terms for the board of directors, and 1-year terms for the remaining committees). We warmly encourage SORTEE members who identify with groups that have been historically marginalized in science (e.g. women, people of colour and/or from ethnic minority backgrounds, people with disabilities, members of the LGBTQ+ community, and members of other marginalized groups).

Please go to this [link](#) to get involved!

**Board of Directors** (previously called the Executive Committee) - This is an elected committee that is ultimately responsible for SORTEE. Three positions on the board open each year and are elected by the members of SORTEE in November (this election is rapidly approaching - voting will close on the 10th of November!). This year we need nominees for

1. a student seat (any SORTEE member who is a student at the time of election is eligible)
2. a later-career seat (any SORTEE member with >10 years working in a professional capacity at the time of election is eligible), and
3. an open seat (all SORTEE members are eligible).

Directors serve **three-year terms**.

Volunteering for the remaining committees is a **one-year** commitment. Brief descriptions of each committee and their positions are listed below. Note that the Chair of each committee is responsible for liaising with the Board of

Directors and coordinating the work of the committee. Responsibilities include scheduling meetings (catering to the needs of members in different time zones), preparing agendas in advance to allow for asynchronous contributions from committee members, and coordinating the prioritization and delegation of tasks.

**Advocacy Committee** - a new committee that will develop policy statements and propose advocacy projects for improving the openness, reliability, and transparency of research in ecology and evolutionary biology

Positions:

- Committee chair.
- Membership consultant (up to 2 positions): consults with SORTEE members on advocacy topics. Could include surveys of member priorities, or solicitation of proposals from SORTEE members. Has strong communication skills and is experienced and/or comfortable managing quantitative and qualitative data.
- Researcher (up to 2 positions): reads about different approaches to ORT policy/advocacy and prepares written summaries for the committee. Is knowledgeable on both 'ORT' and community organization topics, or is willing to learn.
- Policy drafter (up to 2 positions): drafts policy statements to be taken to SORTEE membership. Is comfortable with reading and writing formal documents, and is knowledgeable on both 'ORT' and policy-related topics, or is willing to learn.
- Project drafter (up to 2 positions): drafts proposals for advocacy projects that could be coordinated through SORTEE. Is knowledgeable on both 'ORT' and community organization topics, or is willing to learn.

**Awards Committee** - solicits nominations and selects winners for the existing SORTEE awards. Also may propose new award categories.

Positions:

- Committee chair.

- Committee coordinator (up to 2 positions): liaises between the Awards Committee and other committees required to coordinate awards (mainly the Conference and Media committees).
- Data manager: creates the nomination form for awards and processes data.
- Advertiser (up to 2 positions): writes and distributes materials related to awards (e.g., to solicit nominations from diverse places).
- Selection coordinator: coordinates the evaluation of applications and assesses Open Science research (with respect to the rubric posted on the SORTEE website).

### **Conference Committee** - Organizes the SORTEE Conference

#### Positions:

- Chair: ideally a member of the 2021 Conference Committee. Otherwise, someone with experience hosting a virtual conference.
- Plenary organizer (up to 2 positions): finds and coordinates plenary speakers across multiple timezones. Strong organizational and communication skills.
- Advertiser (up to 2 positions): coordinates the advertisement of conference content submissions and registration, on multiple platforms and across multiple timezones.
- Registration & messaging: manages conference registration and communication with registrants. Is organized and comfortable working with registration platforms and online payment systems.
- Content submissions & selection: coordinates solicitation of conference content and selection. Is experienced and/or comfortable coordinating the solicitation, receipt, and selection of conference content.
- Program manager (up to 2 positions): schedules conference sessions across multiple time zones and prepares user-friendly program interfaces. Strong skills in data wrangling, presentation, communication, and meeting tight deadlines.

- Platform manager: coordinates the platforms used to run the virtual conference. Is comfortable evaluating conference platforms and operating the platform during the conference.

**Diversity, Equity, and Inclusion Committee** - works to promote diversity, equity, and inclusion within all SORTEE's activities and committees.

Positions:

- Chair.
- Consultant to the Conference Committee (up to 2 positions): has experience making online events accessible and welcoming to all, or a desire to investigate best practices in that respect.
- Consultant to the Membership Committee: has experience with managing and analyzing demographics and personal data to make recommendations of actions in case of underrepresentation, or a desire to investigate best practices in those respects.
- Consultant to the Education & Outreach Committee: is knowledgeable of SORTEE's DEI policies to make recommendations to ensure equity in representation, including accommodating for difference accessibility requirements of blog contributors, and make content (e.g. images) accessible; or desires to investigate best practices in those respects.
- Consultant to the Media Committee: is experienced with meeting website, twitter, newsletter, etc. accessibility requirements, or desires to investigate best practices in those respects.
- SORTEE member consultant: coordinates feedback to, or resources for, SORTEE members with questions on how to improve DEI in their own practice (e.g., building a section for DEI issues on the website's resources page). Is experienced in summarizing information and resources.

**Education and Outreach Committee** - develops plans to provide educational resources to individuals and organizations interested in learning

more about improving research by making it more open, reliable, and transparent.

Positions:

- Chair.
- Website resources curator (up to 2 positions): develops and/or finds educational resources to promote on the SORTEE website, and on the SORTEE twitter for #SORTEEtools.
- Media coordinator: coordinates with the Media Committee to update the website/newsletter/twitter with educational materials.
- Slack manager: keeps tabs on the #help Slack channels and promotes educational workshops in #advertisements.
- Organization promotor: promotes 'ORT' educational tools to other organizations.

**Fundraising Committee** - develops and implements plans for raising funds to support SORTEE.

Positions:

- Chair.
- Researcher: finds and summarizes possible sources of funding for SORTEE.
- Application writer: drafts applications from external funding sources, with help from other committee members.
- Donation seeker: seeks donated sources of funding (e.g., voluntary contributions from members, philanthropic donors).

**Media Committee** - develops content for the website, Twitter, and newsletter, designs and maintains the website, and develops new ideas for spreading the word about SORTEE and open, reliable, and transparent science.

Positions:

- Chair.

- Website co-editor: manages all content on the website in coordination with the current website manager (Losia Lagisz). Ideally is experienced with web editing using GitHub, markdown and Hugo (<https://gohugo.io>).
- Twitter manager: tweets from the @sortecoevo account and follows SORTEE's twitter policy and standards.
- Slack community manager: engages with members in the SORTEE slack, and bookmarks any notable content for the newsletter manager. Should be experienced and/or comfortable with Slack, and able to devote time to regularly checking the Slack space.
- Newsletter editor: coordinates the curation and dissemination of content for the SORTEE newsletter. Has comfort and/or experience writing and organizing content for wide distribution (familiarity with Mailchimp is a plus).
- Member profiles editor: manages and uploads the SORTEE member Q&A blog series.
- Blog editor: solicits content for other SORTEE blogs. Is experienced and/or comfortable providing editorial feedback and approval for written documents for public distribution. Enthusiasm for recruiting blog posts from SORTEE members and others.
- General content curators (up to 3 positions): curates possible content for additions to twitter, the website, Slack, etc. Is enthusiastic and has enough time to find content.

**Membership Committee** - focuses on recruiting SORTEE members and determining conditions for and benefits of SORTEE membership.

Positions:

- Chair.
- Membership consultant: conducts targeted surveys of SORTEE members for feedback on membership benefits. Is comfortable managing both quantitative and qualitative data and has excellent communication skills.

- Recruitment officer (up to 4 positions, based in different locations): develops and implements strategies for recruiting new SORTEE members. Should have a strong knowledge of networks in their research discipline and/or institutions.

**Overlay Journal Committee** - exploring the possibility of establishing an 'overlay' journal associated with SORTEE.

Positions:

- Chair.
- Researcher: finds and summarizes information on existing overlay and diamond OA journals in other fields for comparative purposes.
- Survey consultant: in collaboration with other committee members, develops and distributes a survey to gauge the community's interest in an SORTEE overlay/diamond OA journal.

## SORTEE member Q&As

In August 2021, we began featuring brief Q&As with members of SORTEE on our website ([sortee.org/blog](https://www.sortee.org/blog)) every week. We will list these Q&As here in the newsletter.

- Kaitlin Kimmel:  
[https://www.sortee.org/blog/2021/08/09/2021\\_sortee\\_member\\_kaitlin\\_kimmel/](https://www.sortee.org/blog/2021/08/09/2021_sortee_member_kaitlin_kimmel/)
- Melina de Souza Leite:  
[https://www.sortee.org/blog/2021/08/16/2021\\_sortee\\_member\\_melina\\_de\\_souza\\_leite/](https://www.sortee.org/blog/2021/08/16/2021_sortee_member_melina_de_souza_leite/)
- Gerald Carter:  
[https://www.sortee.org/blog/2021/08/23/2021\\_sortee\\_member\\_gerald\\_carter/](https://www.sortee.org/blog/2021/08/23/2021_sortee_member_gerald_carter/)
- Dylan Gomes:  
[https://www.sortee.org/blog/2021/08/30/2021\\_sortee\\_member\\_dylan\\_gomes/](https://www.sortee.org/blog/2021/08/30/2021_sortee_member_dylan_gomes/)
- Michael Jennions:  
[https://www.sortee.org/blog/2021/09/06/2021\\_sortee\\_member\\_michael\\_jennions/](https://www.sortee.org/blog/2021/09/06/2021_sortee_member_michael_jennions/)
- Vijayan Jithin:  
[https://www.sortee.org/blog/2021/09/13/2021\\_sortee\\_member\\_vijayan\\_jithin/](https://www.sortee.org/blog/2021/09/13/2021_sortee_member_vijayan_jithin/)
- Alec Christie:  
[https://www.sortee.org/blog/2021/09/20/2021\\_sortee\\_member\\_alec\\_christie/](https://www.sortee.org/blog/2021/09/20/2021_sortee_member_alec_christie/)
- Miguel Camacho:  
[https://www.sortee.org/blog/2021/09/27/2021\\_sortee\\_member\\_miguel\\_camacho/](https://www.sortee.org/blog/2021/09/27/2021_sortee_member_miguel_camacho/)

- Christine Meynard:  
[https://www.sortee.org/blog/2021/10/04/2021\\_sortee\\_member\\_christine\\_meynard/](https://www.sortee.org/blog/2021/10/04/2021_sortee_member_christine_meynard/)
- Marcus Michelangeli:  
[https://www.sortee.org/blog/2021/10/11/2021\\_sortee\\_member\\_marcus\\_michelangeli/](https://www.sortee.org/blog/2021/10/11/2021_sortee_member_marcus_michelangeli/)
- Hannah Dugdale:  
[https://www.sortee.org/blog/2021/10/18/2021\\_sortee\\_member\\_hannah\\_dugdale/](https://www.sortee.org/blog/2021/10/18/2021_sortee_member_hannah_dugdale/)

### SORTEE Slack (<https://tinyurl.com/Join-SORTEE-Slack>)

- Check in with the SORTEE community on Slack. This is the same Slack workspace we used at our conference in July. The conference channels are still open, but will be archived soon. However, there are also a number of permanent channels to seek help with various tasks, to advertise jobs etc., to spread the word about seminars, and more.

### SORTEE Peer-code-review club

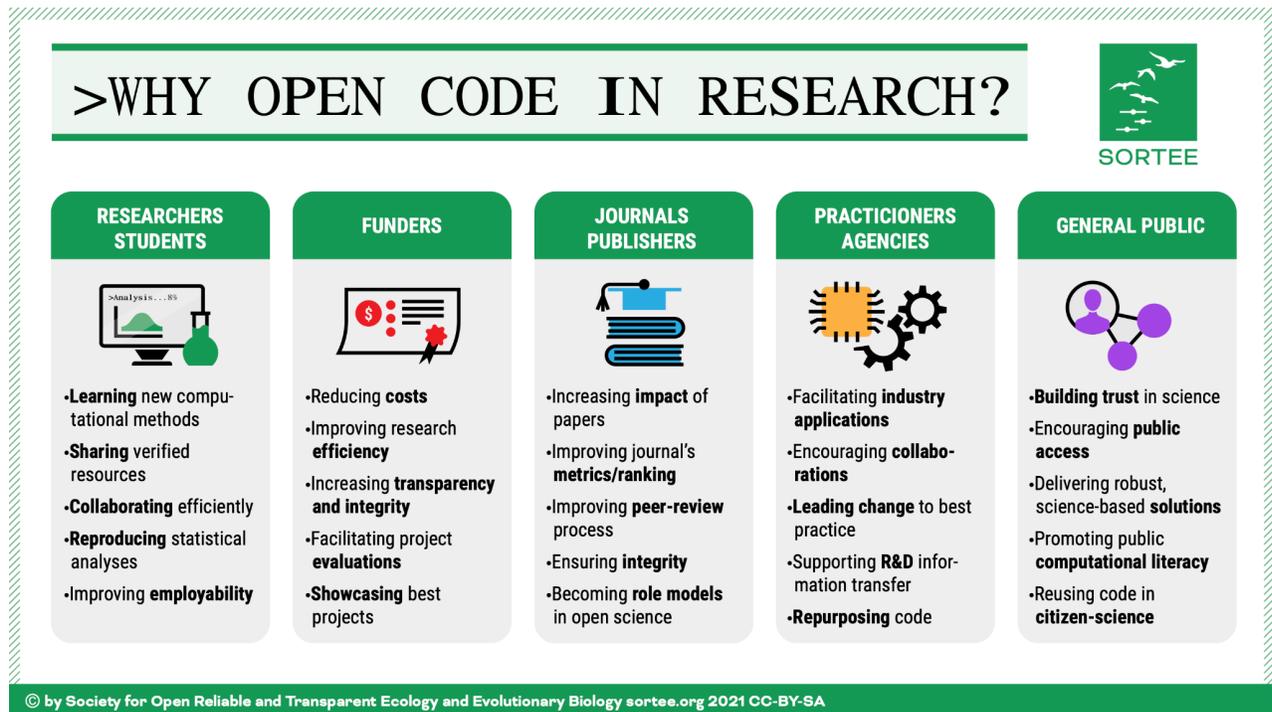
- One pillar of open science is transparent research code. Although code sharing has become more common, it is not often reviewed or tested before submission nor during the review process. Instigating a culture of peer code review within laboratories and in research communities more broadly not only will improve code quality and ensure results are reproducible, they present an incredible skill-building opportunity. During the unconference and hackathon at the SORTEE conference we discussed the issues and limitations to normalising code review in research. The result of these activities was a peer code review club to continue to develop how to make code review the norm in research.
- Visit the #peer\_code\_review\_club channel on the [SORTEE Slack workspace](#)

## SORTEE infographics

As part of the SORTEE 2021 conference, we organised a hackathon event to collaboratively work on infographics related to Open Science. We now finished two infographics from this event. You can provide us with your feedback on these, and/or express your interest in participating in future similar hackathons. Please use this short survey form:

<https://forms.gle/QXqnNAxhzMjMJBa68>

1.

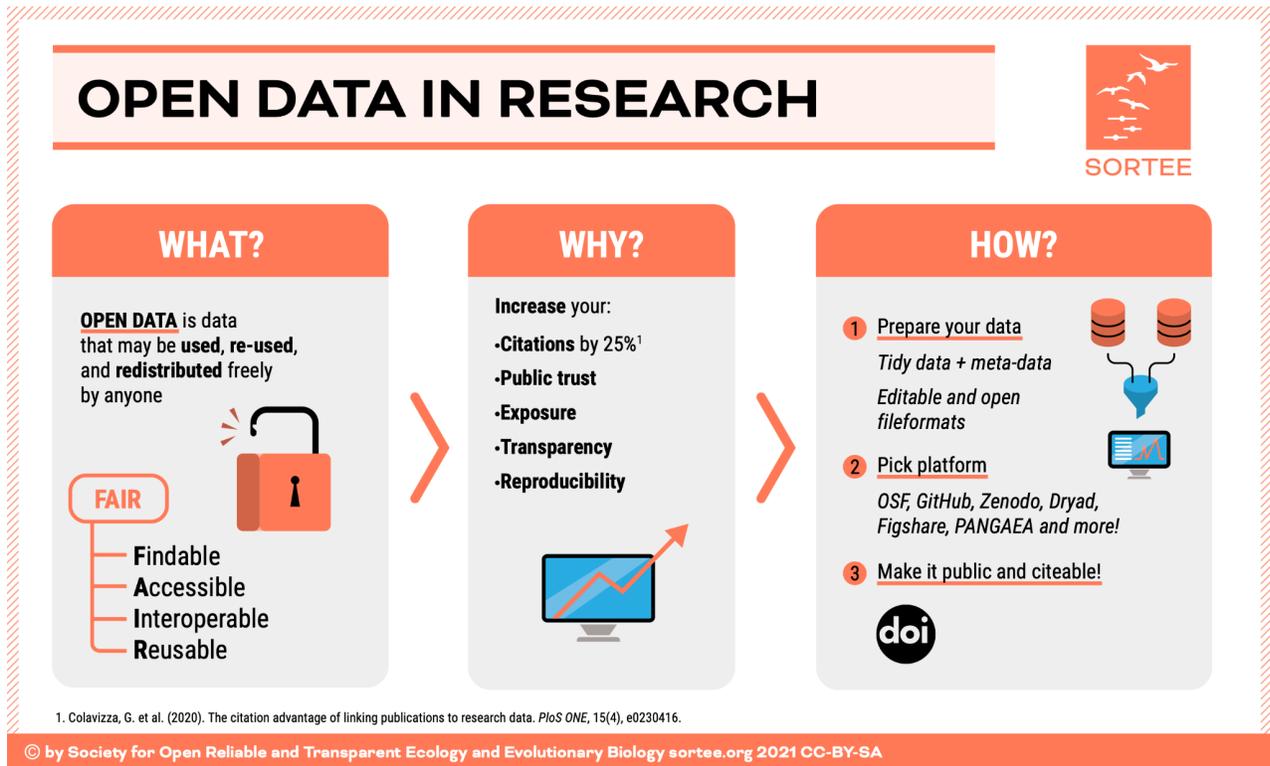


*CRedit (in alphabetical order by family name):*

- Amin, Bawan (University College Dublin, Ireland): Visualization, Writing – review & editing
- Burke, Samantha (University of New South Wales Sydney, Australia): Visualization, Writing – review & editing
- Drobnik, Szymon (University of New South Wales Sydney, Australia): Conceptualization, Visualization, Writing – original draft, Writing – review & editing
- Lagisz, Malgorzata (University of New South Wales Sydney, Australia): Conceptualization, Visualization, Writing – original draft, Writing – review & editing

- Pottier, Patrice (University of New South Wales Sydney, Australia): Visualization, Writing – review & editing
- Tam, Jessica Tin-Ying (University of New South Wales Sydney, Australia): Conceptualization, Visualization, Writing – original draft

2.



*CRediT (in alphabetical order by family name):*

- Amin, Bawan (University College Dublin, Ireland): Conceptualization, Visualization, Writing – original draft, Writing – review & editing
- Burke, Samantha (University of New South Wales Sydney, Australia): Conceptualization, Visualization, Writing – original draft, Writing – review & editing
- Drobniak, Szymon (University of New South Wales Sydney, Australia): Visualization, Writing – review & editing
- Lagisz, Malgorzata (University of New South Wales Sydney, Australia): Visualization, Writing – review & editing
- Norton, Luke (University of the Witwatersrand, South Africa): Conceptualization, Visualization, Writing – original draft

- Pottier, Patrice (University of New South Wales Sydney, Australia): Conceptualization, Visualization, Writing – original draft, Writing – review & editing

## Metascience 2021 Conference (<https://metascience2021.org/>)

- SORTEE was a partner for the Metascience 2021 Conference held in mid-September. We expect that many of the recorded sessions would be of wide interest to SORTEE members. You can access these recorded sessions here:

<https://www.youtube.com/playlist?list=PLChfyH8TVDGmYENpXUDPaeeq2SLh8q9dt>

## Upcoming events

- AIMOS (the Association for Interdisciplinary Metaresearch and Open Science) virtual conference 30 Nov - 3 Dec 2021:  
<https://www.amosconference.com/home.html> This is another exciting conference that we expect will be of widespread interest to our members. In fact, the meeting that led to the founding of SORTEE was an informal gathering at the in-person AIMOS Conference in Melbourne back in November of 2019.

## Recent publications

A list of some recent publications relevant to SORTEE goals (if you know any other, please send them to us via the website contact form or via Slack):

- Brlík V., Pipek P., Brandis K., Chernetsov N., Costa F.J.V., Herrera M. L.G., Kiat Y., Lanctot R.B., Marra P.P., Norris D.R., Nwaogu C.J., Quillfeldt P., Saalfeld S.T., Stricker C.A., Thomson R.L., Zhao T., Procházka P. (2021)

**The reuse of avian samples: opportunities, pitfalls, and a solution.** *Ibis*. doi: 10.1111/ibi.12997

- Bruna E.M., Chazdon R., Errington T.M., Nosek B.A. (2021) **A proposal to advance theory and promote collaboration in tropical biology by supporting replications.** *Biotropica* 53: 6-10, doi:10.1111/btp.12912
- Chacón-Labela J., Boakye M., Enquist B.J., Farfan-Rios W., Gya R., Halbritter A.H., Middleton S.L., von Oppen J., Pastor-Ploskonka S., Strydom T., Vandvik V., Geange S.R. (2021) **From a crisis to an opportunity: Eight insights for doing science in the COVID-19 era and beyond.** *Ecology and Evolution* 11: 3588-3596, doi:10.1002/ece3.7026
- Graham E.B., Averill C., Bond-Lamberty B., Knelman J.E., Krause S., Peralta A.L., Shade A., Smith A.P., Cheng S.J., Fanin N., Freund C., Garcia P.E., Gibbons S.M., Van Goethem M.W., Guebila M.B., Kempainen J., Nowicki R.J., Pausas J.G., Reed S.P., Rocca J., Sengupta A., Sihi D., Simonin M., Słowiński M., Spawn S.A., Sutherland I., Tonkin J.D., Wisnoski N.I., Zipper S.C., Contributor Consortium (2021) **Toward a Generalizable Framework of Disturbance Ecology Through Crowdsourced Science.** *Frontiers in Ecology and Evolution* 9: 588940, doi:10.3389/fevo.2021.588940
- Lennox R.J., Harcourt R., Bennett J.R., Davies A., Ford A.T., Frey R.M., Hayward M.W., Hussey N.E., Iverson S.J., Kays R., Kessel S.T., McMahon C., Muelbert M., Murray T.S., Nguyen V.M., Pye J.D., Roche D.G., Whoriskey F.G., Young N., Cooke S.J. (2021) **A novel framework to protect animal data in a world of ecosurveillance.** *BioScience* 70: 468-476, doi: 10.1093/BIOSCI/BIAA035
- Manzano S., Julier A.C.M.(2021) **How FAIR are plant sciences in the twenty-first century? the pressing need for reproducibility in plant ecology and evolution.** *Proceedings of the Royal Society B: Biological Sciences* 288: 20202597, doi: 10.1098/rspb.2020.2597

- O’Dea R.E., Parker T.H., Chee Y.E., Culina A., Drobniak S.M., Duncan D.H., Fidler F., Gould E., Ihle M., Kelly C.D., Lagisz M., Roche D.G., Sánchez-Tójar A., Wilkinson D.P., Wintle B.C., Nakagawa S. (2021) **Towards open, reliable, and transparent ecology and evolutionary biology.** BMC Biology 19: 68, doi:10.1186/s12915-021-01006-3
- O’Dea R.E., Lagisz M., Jennions M.D., Koricheva J., Noble D.W.A., Parker T.H., Gurevitch J., Page M.J., Stewart G., Moher D., Nakagawa S. (2021) **Preferred reporting items for systematic reviews and meta-analyses in ecology and evolutionary biology: a PRISMA extension.** Biological Reviews 96: 1695-1722, doi:10.1111/brv.12721
- Romanelli J.P., Meli P., Naves R.P., Alves M.C., Rodrigues R.R. (2021) **Reliability of evidence-review methods in restoration ecology.** Conservation Biology 35: 142-154, doi:10.1111/cobi.13661
- Romanelli J.P., Silva L.G.M., Gonçalves M.C.P., Naves R.P., de Almeida D.R.A., de Resende A.F., Rodrigues R.R. (2021) **Repeatability of the searching process in reviews of restoration outcomes.** Restoration Ecology. doi: 10.1111/rec.13496
- Sequeira A.M.M., O’Toole M., Keates T.R., McDonnell L.H., Braun C.D., Hoenner X., Jaine F.R.A., Jonsen I.D., Newman P., Pye J., Bograd S.J., Hays G.C., Hazen E.L., Holland M., Tsonotos V.M., Blight C., Cagnacci F., Davidson S.C., Dettki H., Duarte C.M., Dunn D.C., Eguíluz V.M., Fedak M., Gleiss A.C., Hammerschlag N., Hindell M.A., Holland K., Janekovic I., McKinzie M.K., Muelbert M.M.C., Pattiaratchi C., Rutz C., Sims D.W., Simmons S.E., Townsend B., Whoriskey F., Woodward B., Costa D.P., Heupel M.R., McMahon C.R., Harcourt R., Weise M. (2021) **A standardisation framework for bio-logging data to advance ecological research and conservation.** Methods in Ecology and Evolution 12: 996-1007, doi:10.1111/2041-210X.13593
- Yanai R.D., Mann T.A., Hong S.D., Pu G., Zukswert J.M. (2021) **The current state of uncertainty reporting in ecosystem studies: a**

**systematic evaluation of peer-reviewed literature.** Ecosphere 12:  
e03535, doi: 10.1002/ecs2.3535