



Grayling Research Trust



Research for Conservation

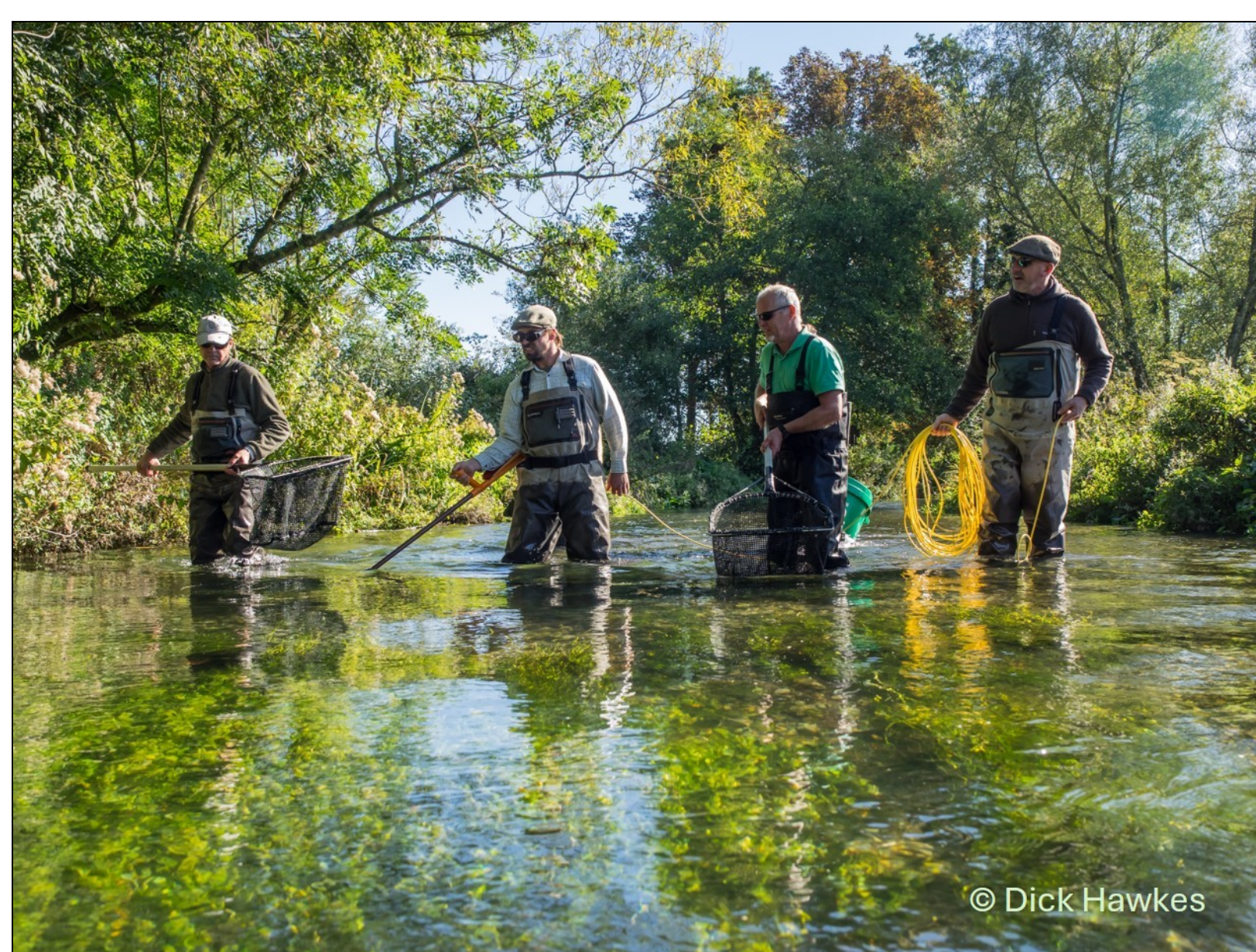
Who are we? 🙋

John Dart GRT Chairman

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David Mee, Ross Gardiner, Rich Cove, Stephen Gregory, Martyn Lucas, Jessica Marsh, Lawrence Talks, Paul Coulson, Neil Auchterlonie, Ron Taylor, Chris Williams and Ian Dandy

Together, our trustees have wide experience in science, conservation, fisheries and law



The GRT-supported Wylfe Grayling & Trout Survey (WGTS) has monitored grayling on the River Wylfe, Wiltshire, UK, since 1996

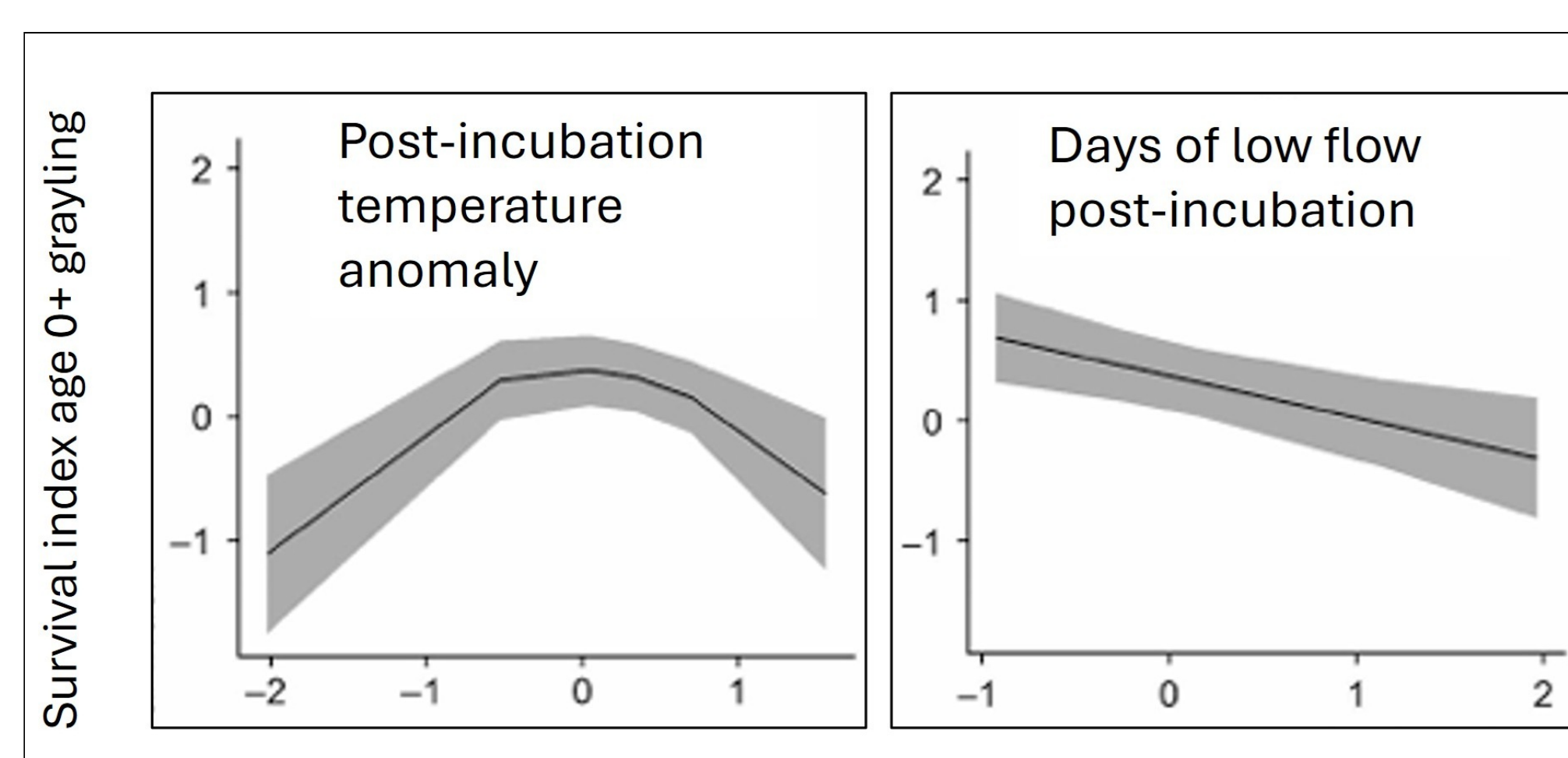
Our mission 🚀

Formed in 1994, the Grayling Research Trust (also known as the GRT) exists to

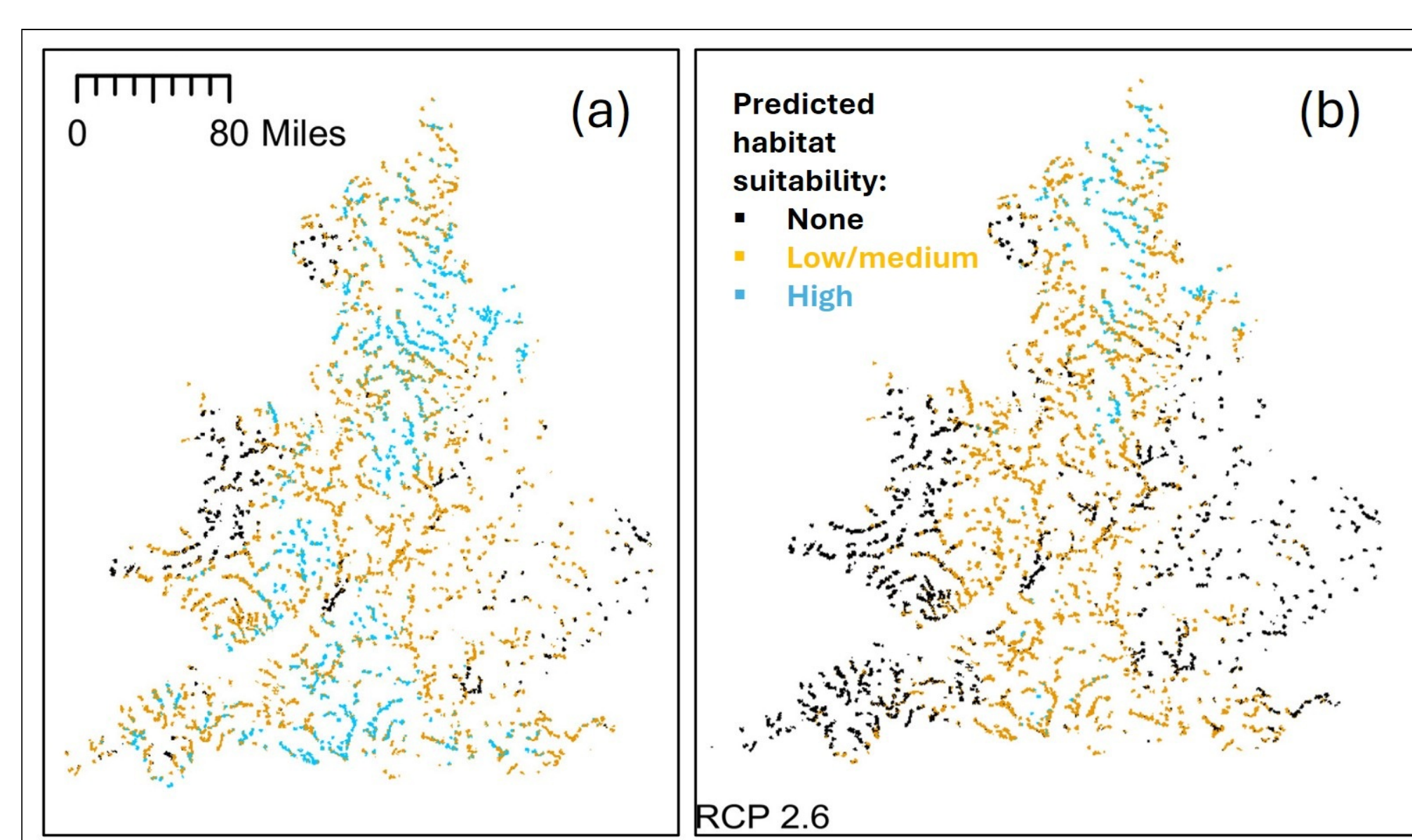
improve and broaden knowledge of grayling species, their ecology and conservation

We do this by facilitating research and the dissemination of information through small-grant funding to researchers, and through publications. Being a small charity, we seek to work collaboratively with other environmental organisations, including conservation and rivers trusts, & national agencies.

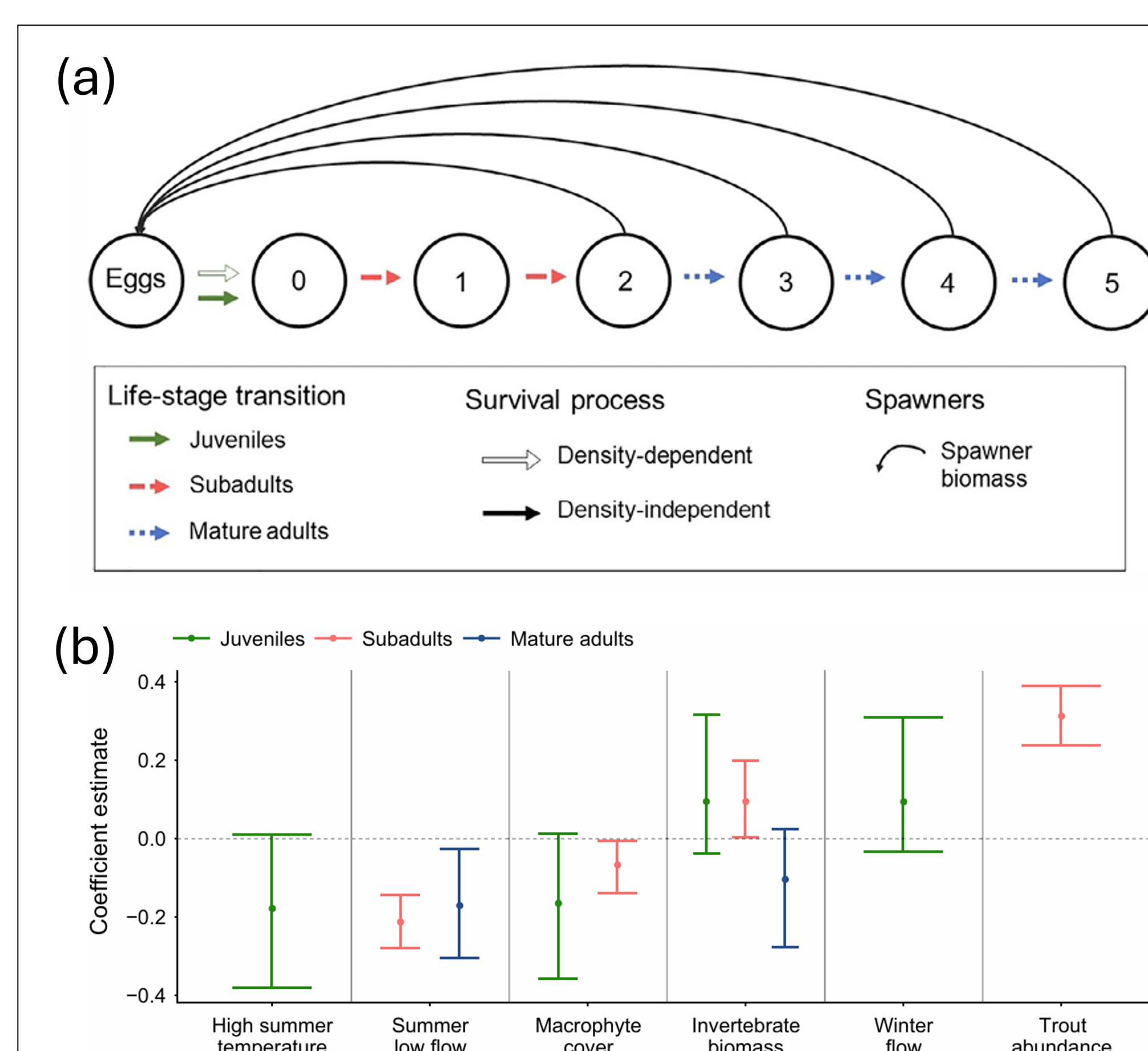
Key findings from GRT-funded research 🔍



Low flow and unusual temperatures post-incubation negatively impact age 0+ European grayling recruitment¹



Under climate change, European grayling habitat suitability (a) is predicted to reduce (b) across England & Wales by 2050^{2,3}



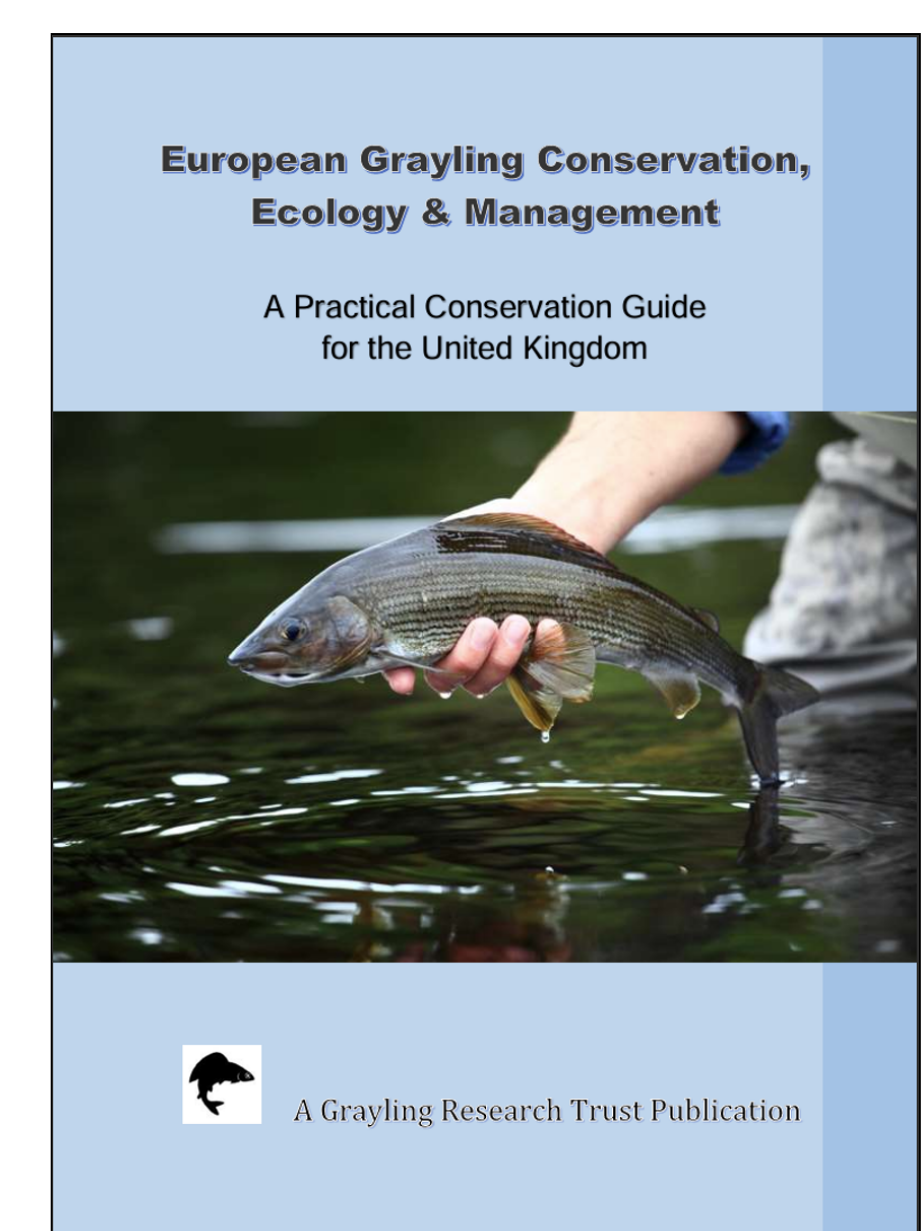
Developing (a) a grayling life-cycle model fit to the WGTS and environmental data showed how (b) different factors influence survival of different grayling life-stages⁴

Funding 💰

We co-fund *research*, from salaries to equipment, and *science communication*, from publications to conference attendance. For more information, please email sec@graylingresearchtrust.org.uk or visit our website

www.graylingresearchtrust.org.uk

Grayling Conservation Guide



Sponsored by The Grayling Society and The Fishmongers' Company, this guide was written by our very own GRT trustees Rich Cove & Ross Gardiner.

It includes information on grayling habitat requirements, fisheries management and threats to UK grayling and can be downloaded for free from the GRT website library.

As grayling experts, our trustees contribute to the Environment Agency's National Trout and Grayling Group.

References

- 1 Basic, T. et al. *Ecology Freshwater Fish* 27, 940–951 (2018)
- 2 Huml, J. V. et al. *Molecular Ecology* 27, 4157–4173 (2018)
- 3 Huml, J. V. et al. *Diversity & Distributions* 26, 517–532 (2020)
- 4 Marsh, J. E. et al. *Freshwater Biology* 66, 1530–1545 (2021)

Our friends & collaborators



The Grayling Society



The PISCATORIAL SOCIETY
Founded 1836



Bournemouth University