



DOB: 8<sup>th</sup> June 1996  
He/Him  
Scottish



[cameroncosgrove.github.io](https://cameroncosgrove.github.io)  
[ResearchGate](#)

Twitter: @CameronCosgrove3



07763415087



[cameron.cosgrove96@gmail.com](mailto:cameron.cosgrove96@gmail.com)

# CAMERON COSGROVE

Conservation and Data Scientist

I am an early career ecologist who wants to help conserve and enhance wildlife, particularly in the UK. I have strong data science skills that can be used to support real-world environmental management. I have published papers on a range of Scottish conservation issues and I have also recently finished my undergraduate dissertation, in which I mapped and quantified the extent of deforestation across red panda habitat in the Himalayas. I am also passionate about young people being involved in decision making for issues that affect them. Please check out my [website](#) for more information and links to my research.

## KEY SKILLS



Excellent ecological and conservation knowledge



Data handling, visualisation, and statistical analysis in R



Science communication and community engagement

## EDUCATION

**2015 – 2019** | University of Edinburgh: BSc Ecological and Environmental Sciences, **First Class**

- Studies focused on conservation, ecological theory, and using data to inform environmental management.
- Member of the Arctic Research Group [Team Shrub](#).

**2017- 2018** | The University of British Columbia: Study abroad programme, **A average**

- Courses included, Advanced Ecology, Biomathematics, Biostatistics, Remote Sensing for Ecological Management.

## EMPLOYMENT

**2014 – 2019** | Alba Ecology: Summer fieldworker

- Conducted a range of surveys including, freshwater pearl mussel surveys, upland and woodland bird surveys, butterfly transects, protected mammal surveys. Most surveys conducted solo in remote upland environments.
- Lead on a write up of a 28-page commissioned report for Forestry Commission Scotland.

**2018 -2019** | Coding Club: Mentor

- [Coding Club](#) is a weekly peer-based workshop where I helped undergraduates, graduates, and faculty develop their R coding skills in a friendly and non-intimidating environment.
- I helped to deliver the overview lecture on a range of topics, and supported attendees in completing (and importantly understanding) the weeks tutorials.
- I taught tutorial topics including; basic R skills, advanced R skills, data visualisation using ggplot2, data manipulation, and statistical modelling (up to the complexity of hierarchal mixed models).

## VOLUNTEERING

**2017** | Field assistant for Team Shrub in The Yukon, Canada.

- I helped conduct various bird, vegetation, and plant phenology surveys in the boreal forest and tundra, including a four-day expedition to collect plant trait data at the remote Pika Camp.

- I helped organise and run a logistically complex field expedition and ensured the health and safety of the other field assistants.

**2013-2016** | Europarc Youth+ Council member.

- With the help of other youth representatives, I led the creation of The Aiguestortes Declaration (<https://tinyurl.com/AigueDec>) which is the foundation for the Europarc Youth Manifesto.
- I helped run an international meet up of young people from national parks across Europe in Latvia. This involved creating activity programmes, idea sharing sessions, and games.
- I worked with many young people, professionals, and stakeholders during my time on the council to promote the voice of young people across European national parks.

**2013 – 2014** | Chairperson of Highland Youth Parliament.

- Helped organise and run two conferences for >100 people a year, to promote youth engagement in politics and youth consultation.
- Engaged with a range of stakeholders to bring about positive change for young people in the Highlands. Issues I worked on included; mental health provisions, police treatment of young people, employment and education opportunities for young Highlanders, youth led environmental advocacy.

AWARDS & SCHOLARSHIPS

**2019** | My dissertation “Evaluating Forest Loss in Red Panda Habitat between 2000 & 2018” was awarded the R. Stewart McDougall Prize for best bioscience or animal science dissertation in the School of Geosciences at the University of Edinburgh.

**2017** | I was awarded with The University of Edinburgh Barson Bequest (£1800) to conduct field work in The Yukon, Canada.

**2013 – 2014** | High school class awards for; Higher Biology, Higher Chemistry, Higher Physics, Higher Maths, Advanced Higher Biology, Advanced Higher Physics.

PUBLICATIONS

1. Cosgrove P, Watt J, Hastie L, Sime I, Shields D, **Cosgrove C**, et al. The status of the freshwater pearl mussel *Margaritifera margaritifera* in Scotland: extent of change since 1990s, threats and management implications. *Biodiversity and Conservation*. 2016;25(11):2093–112.
2. Peter Cosgrove, Kenny Kortland, Donald Shields, Robert Potter, Julie Murray, **Cameron Cosgrove**. Response of incubating Golden and White-tailed Eagles to forest road traffic: results of a pilot study. *Scottish Birds*. 2017;37(1):14–25.
3. Cosgrove P, McInnes N, Dolby S, Gunn D, Shields D, **Cosgrove C**, et al. Forest management and freshwater pearl mussels. 2014;
4. Cosgrove PJ, Shields DM, **Cosgrove CF**, Farquhar JE, Jarrett DH, Jancke S, et al. Population size, structure and distribution of an unexploited freshwater pearl mussel *Margaritifera margaritifera* (L.) population in Scotland. *J Conchol*. 2014;41:541–52.

References are available upon request