

Applicant: **Springate, Eloise**

Funding Sought: [REDACTED]
Funding Awarded: **£0.00**

DPLR3\1057

SBA Hedgehog supplementary feeding project and awareness campaign.

There is limited information available to the public in Cyprus and in the western sovereign base areas (Episkopi and Akrotiri) on the best practice's to maintain and look after hedgehogs found in gardens and local areas. The project will collaborate with the local community to bridge this knowledge gap. There will also be a pilot survey to monitor individual hedgehogs to evaluate the effects of supplementary feeding over a 6-month period as well as a summer tunnel monitoring program.

DPLR3\1057

SBA Hedgehog supplementary feeding project and awareness campaign.

Section 1 - Project Title & Contact Details

Q1. Project Title

SBA Hedgehog supplementary feeding project and awareness campaign.

Q2. Please select whether you are applying as an organisation or as an individual (Guidance section 3 and Guidance Glossary)

Individual*

PRIMARY APPLICANT DETAILS

Title Miss
Name Eloise
Surname Springate
Tel (Work) [Redacted]
Email (Work) [Redacted]
Address [Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

*If applying as an individual, you must open a separate project bank account used solely for your grant payment, if successful. This will be checked by the fund administrators. The maximum amount individuals can apply for from Darwin Plus Local is £20,000. Individual applicants will also be asked to provide: proof of identity, proof of solvency (e.g. bank statement), and a police check, if successful.

Section 2 - Overseas Territory(ies)

Q3. Overseas Territory (Guidance section 1.3):

Which UK Overseas Territory(ies) will your project be working in? Please note that in case of a non-permanent resident population you need to demonstrate a clear, meaningful, long-term link to the territory.

Sovereign Base Areas of Akrotiri and Dhekelia (on Cyprus)

*** if you have indicated a territory group with an asterisk, please give detail on which territories you are working on here:**

No Response

In addition to the UKOT(s) you have indicated, will your project directly benefit any other UK OT(s) or country(ies)?

Yes

Please list these below and describe how they will benefit:

The sovereign base areas of Akrotiri and Dhekelia are situated on the island of Cyprus. The proposed project holds benefits for both the UK Overseas Territories and the Republic of Cyprus. Specifically, it aims to enhance our understanding of the native biodiversity and generate resources. Moreover the Joint Services Health Unit undertakes and participates in projects all over the UKTOS (I.e Anguilla, Gibraltar, Saint Helena, Ascension and Tristan da Cunha). This research will inform conservation efforts not just in the sovereign base areas of Akrotiri and Dhekelia, but in other regions across the world where hedgehogs are present.

Section 3 - Project Partners

Q4. Project partners (Guidance section 3.2)

In this section, please give details of all the partners involved (including the Lead Partner) and provide a summary of their roles.

Project Leader name (Guidance section 3.1): Eloise

Lead Partner name (if applying as an organisation; Guidance section 3.1): *No Response*

Lead Partner Website (if applicable): <https://martinoulab.weebly.com/team.html>

Is the Lead Partner based in a UKOT where the project is working (Guidance section 3.1)? Yes

List other partners involved and where are they based:

Eloise Springate- Project lead
Dr Kelly Martinou -Vector Ecology and Applied Entomology Laboratory, Joint Services Health Unit Akrotiri
Dr Anastaisa Diakou- associated with the University of Thessaloniki, will be supervisor for sample collection during the project. As well as providing expertise on hedgehog ecology, she will also provide supervision on the handling of wild animals.
Ms Elena Erotokritou-Ministry of Environment, Republic of Cyprus

Summary of roles and responsibilities of each partner in the project:

Dr Kelly Martinou- will be general supervisor providing expertise and support to the project. She will oversee all project materials and review for accuracy and will help develop materials dedicated to Hedgehog conservation efforts.


Dr Anastaisa Diakou- associated with the University of Thessaloniki, will be supervisor for sample collection during the project. As well as providing expertise on hedgehog ecology, she will also provide supervision on the handling of wild animals.


Ms Elena Erotokritou, Ministry of Environment, will be supervisor and advisor to provide insight on legislation in terms of conservation. She will also be a Greek language expert and will oversee all materials produced in Greek to check for accuracy.


I confirm that all listed partners are aware of this application and have indicated support:


Checked

Attach a Cover Letter for your application (Guidance section 4.2).

 [Darwin plus local round 3 cover letter](#)

 29/11/2023

 16:00:28

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Section 4 - Project Summary & Description

Q5. Project Summary (Guidance section 3.8)

Please provide a brief summary of your project. This may be used in communication activities and/or published online, if your application is successful.

There is limited information available to the public in Cyprus and in the western sovereign base areas (Episkopi and Akrotiri) on the best practice's to maintain and look after hedgehogs found in gardens and local areas. The project will collaborate with the local community to bridge this knowledge gap. There will also be a pilot survey to monitor individual hedgehogs to evaluate the effects of supplementary feeding over a 6-month period as well as a summer tunnel monitoring program.

Q6a. Description (Guidance section 2.1 and 6)

Please provide a description of your project, including:

- the overall objective
- the current situation and the problem the project is trying to address
- what success will look like and how you will measure it

Please be as specific as possible when describing the project, using quantified data and evidence where available. You may wish to consider: what are the specific threats to the environment that the project will attempt to address, and what should we know about these threats? What does your successful project look like? And how will you demonstrate whether and how your project has been successful?

The long-eared hedgehog (*Hemiechinus auritus*) is an important part of the ecosystem of Cyprus, being one of the few small mammals on the island. Hedgehogs in Cyprus are threatened by collisions with vehicles, habitat loss, fragmentation, and degradation (Zotos & Vogiatzakis, 2018). Evidence suggests that hedgehogs are increasingly associated with areas of human habitation with higher densities observed in towns and cities than in rural habitats (Gazzard & Baker, 2020). It is understood that there are often occurrences of members of the public providing supplementary food for hedgehogs. However, the consequences of feeding local wildlife can lead to inadequate nutrition as well as disturbing the natural balance that can lead to overpopulation (Morris, 1985).

There is limited information available to the public in Cyprus and in the WSBA (Episkopi and Akrotiri) of the best practises and protocols for how to maintain and look after hedgehogs found in gardens and local areas and more specifically which are the correct types of food to mimic their natural diet. This project will be used to create informational materials to better inform the local community and stakeholders. The primary focus will be around the food sources that people often give to wild hedgehogs and the implications the supplementary food can have for the species. Informational materials created will be written in both Greek and English to reach as many people as possible. As part of the outreach aspect a survey will be conducted across the local area to gauge people's understanding on the subject. Informational workshops will also be offered to schools and stakeholders in the area on hedgehog management and citizen monitoring tools including INaturalist. All remaining resources after the completion of the project will be left with the Joint Services Health Unit (Akrotiri) to be used for future purposes.

The project will also create a pilot study into the effects that supplementary feedings can have on hedgehogs in Cyprus through individual hedgehog monitoring. This will involve tracking individual hedgehogs and the frequency of visitations near to urbanised areas as well as the food sources left for them. The information collected from this can then be used and can contribute to informational material which can help to create best practice's for wild hedgehog care. Moreover, the final aspect of the project will be through distribution monitoring of long-eared hedgehogs using tunnel lures throughout the summer months (April 2024- September 2024). This data will be complementary to the supplementary food study. Moreover, this data will help to expand on data collected from a previous Darwin Plus Local project (DPL00056) as it will contribute data for the summer months which has not been surveyed yet and will create a full years' worth of data. These results will be published in online journals. Overall, the distribution monitoring will provide a more comprehensive understanding of the ecology and behavior's of long-eared hedgehogs, which will be important for their conservation and management.

The project will help develop the Sovereign Base Areas responsibility to the environment. We intend to undertake surveys to help expand the knowledge of the local wildlife to comply with The Protection and Management of Nature and Wildlife Ordinance (2007). The success of the project will be measured by the public outreach and support. The project will aim to create the foundation for a long-term study into population health and the legislative measures. This can be used to promote long-term conservation for the species. Therefore, without the upskilling and education of local people there is a danger that the hedgehog population could be harmed through perceived good intentions.





Q6b. Long-term sustainability (Guidance section 2.1 and 6)





Please describe the long-term benefits of the project and the change it will bring about. How will the outcomes of the project be sustained after the funding is finished?

The primary benefit of the project will further inform the local community of the needs and challenges faced by Hedgehogs at the Western Sovereign Base Areas. By understanding the impact that supplementary feedings can have, it can encourage the public to take an interest in the best practices' for hedgehogs found close to their

homes. By doing so, this creates and education and awareness about the significance of preserving natural habitats for hedgehogs and promoting responsible behavior's towards the environment, aiding in biodiversity and conservation efforts. This study will also contribute to the collective knowledge for the long-eared hedgehog in Cyprus. Moreover, all informational materials created as part of the project will be freely available to the wider public, not just for the duration of the project but after the project has finished as well. Any Training course completed will help to build capacity for long term conservation as this knowledge can be used to help advise stakeholders as well as the public around hedgehog's land management. All resources, materials and equipment created for the project will be given to the Joint Services Health Unit to be used at any future events.

(Optional) Please upload any additional and supporting materials or files (such as maps of project sites, etc) below. Maximum of 5 sides of A4, and is combined as a single PDF:

 [map_proposal darwin local round 3](#)
 29/11/2023
 13:00:08
 pdf 277.75 KB

 [Reference List darwin plus local round 3](#)
 29/11/2023
 08:58:24
 pdf 101.79 KB

Section 5 - Project Outcome(s)

Q7. Project Outcome(s) (Guidance section 1.2)

Successful Darwin Plus Local projects must demonstrate measurable outcomes in at least one of the themes of Darwin Plus with a clear focus on biodiversity and the natural environment, either by the end of the project or soon after through a credible plan.

Please confirm that your project has a clear focus on biodiversity and the natural environment.

Checked	Biodiversity: improving and conserving biodiversity, and slowing or reversing biodiversity loss and degradation;
Unchecked	Climate change: responding to, mitigating and adapting to climate change and its effects on the natural environment and local communities;
Unchecked	Environmental quality: improving the condition and protection of the natural environment
Checked	Capability and capacity building: enhancing the capacity within OTs, including through community engagement and awareness, to support the environment in the short- and long-term.

Please justify your selection. Please use quantitative information where possible here.

The project's objective within the Western SBA is to improve the understanding of Hedgehogs and their importance within local biodiversity. The project will, through surveys and communication methods, engage with the public on the impacts of feeding hedgehogs as well as providing them information on the best practice's for management within their gardens. Furthermore, by creating a better understanding of the species and the relationship with the local community, this knowledge will create a richer understanding of the population in Cyprus which can help to improve local biodiversity.





Section 6 - Workplan

Q8. Workplan (Guidance section 2.2)

Please provide anticipated dates for the start and end of your planned project here. Please use the Darwin Plus Local Project Workplan (available at: Darwin Plus website) to provide a list of the individual activities you have planned for this project, a brief description of what each activity entails, and the months in which the activities will be carried out. If the project involves only one activity (e.g. a purchase), please still provide project start and end dates (noting estimated times for procurement). Please note that your project must start after 1 April 2024 and be completed by 31 March 2025.

Start date:	End date:	Duration (e.g. 3 months):
01 April 2024	29 November 2024	8 months

Please upload the completed Darwin Plus Local Project Workplan with your proposed project activities here

-  [R3-DPlus-Local-Workplan-Template-FINAL\(1\)](#)
-  29/11/2023
-  13:35:24
-  pdf 181.1 KB

Section 7 - Costs

Q9. Costs (Guidance section 2.2 and please read the Finance Guidance)

Please provide a breakdown of costs to be funded through Darwin Plus Local (in GBP).

Are you seeking any matched funding for this project?

No

Budget line	Explanation	Cost in GBP
Staff costs:	• 1 full time staff member (Eloise Springate) working for full project duration.	████████
Consultancy costs:	Consultancy fee for Dr Diakou	████████
Overhead costs:	N/A	£0.00

Travel & subsistence costs:	<ul style="list-style-type: none"> • Fuel costings for travel between sites for one car for 6-month period. (Based on £30 per week) • Travel & subsistence for project lead to visit Dr Diakou (University of Thessaloniki) to receive training in person on wild hedgehog ecology management. 1 week • Travel & subsistence for Ms Elena Erotokritou to travel to Akrotiri environment centre and provide expert guest talk. • Travel and Subsistence for Dr Anastasia Diakou to travel to Akrotiri environment centre and provide expert talk 	██████████
Operating costs:	N/A	£0.00
Capital equipment:	<ul style="list-style-type: none"> • printer costings to create informational leaflets. • Poster to promote project and workshops. • consumables & protective equipment (gloves / masks/blankets) for the handling of animals • tracking equipment • Resource materials for workshops 	██████████
Other Costs	Publication in peer reviewed journal	██████████
Total:		██████████

This section provides more information on the budget to help evaluators understand how you will use the funds you are requesting. You do not need to list all costs, but please list and detail costs of more than £1,000 per item below, under the appropriate budget line.

Details of staff costs over £1,000 (if relevant)

Eloise Springate, for the full duration of project to manage the delivery of project as well as final write up. Role will consist of working 6 hours per day 5 days a week. Daily duties will include daily collection of sites used as well as sample collection. Will work as project manager organising and running workshop events as well as running media campaigns (social, radio etc.) Duties will also include communicating with any collaborating organisation as well as organising any visitations.

Details of overhead costs over £1,000 (if relevant):

N/A

Details of travel and subsistence costs over £1,000 (if relevant):

Fuels costs to provide fuel for 1 car travelling to site locations. Based on ██████ per week for the duration of 6 months of sample collection. Travel and subsistence for 2 expert visitations. One from University of Thessaloniki, the other from ministry of environment to provide expert knowledge for workshop events. Travel and subsistence for Training course in university of Thessaloniki for staff member to learn hedgehog management and handling skills.

Details of operating costs over £1,000 (if relevant):

N/A

Details of capital equipment costs over £1,000 (if relevant):

- printer costings to create informational leaflets.
- Poster to promote project and workshops.
- consumables & protective equipment (gloves / masks/blankets) for the handling of animals
- tracking equipment
- Resource materials for workshops

Total costings : ████████

Details of consultancy costs over £1,000 (if relevant):

Consultancy Fee for Dr Diakou. Costings will include a fee payment for time and service given to the project. Will cover the period of supervision and visitation for training. Expert in field who will be able to provide an in-depth understanding to the topic as well as being able to provide training to staff members which can be used for future studies.

Details of other costs over £1,000 (if relevant)

Costings for publications in peer reviewed journal. Amount will cover licensing and administration fees.

If your project budget was prepared in another currency and converted to GBP, please provide the exchange rate, its source, and the date it was accessed:

Other currency:	Exchange rate:	Source of this exchange rate:	Date exchange rate accessed:
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>

Darwin Plus Local has been created to build capacity and contribute to local economies in-territory.

What % of the total will be spent in the OTs? 100

If less than 80% of the total project spend is to be spent within the OT(s), please explain why.

No Response

Section 8 - Local and National Priorities

Q10. Local and national priorities

Please explain how this project aligns with local and national priorities? You may wish to consider the project in the context of national environmental laws, objectives, strategies, territory specific agreements, action plans or policies.





There is currently no legislation that protects or promotes conservation for the Hedgehog species in Cyprus. Cypriot Legislation for the Protection of Nature (153 (I/2003)) has no mention of Hedgehogs protection or species status. SBA Legislation mirrors legislation from the RoC as closely as possible and therefore also has little reference to hedgehogs or their need for protection as they are not listed as a species of interest. This therefore highlights the importance of this project and will bring awareness for the need for recognition of the species to

be one of importance and deserving of protection and conservation efforts. This investigation will help to expand the knowledge of the local wildlife and help develop the SBA responsibility to the environment as per the Nature and Wildlife Ordinance (2007)

Will the project take place on Government owned land or water or involve biocontrol, invasive alien species control or eradication?

Yes

Please attach evidence that you have Government support for this project i.e. a Letter of Support. Applications which indicate that they do not take place on Government land or water, but which propose work that appears to the reviewers would be difficult/impossible to carry out without working on government land or waters may be ineligible if no Letter of Support is provided.

-  [Letter of Support Springate Darwin Plus Local Round 3](#)
-  28/11/2023
-  12:48:27
-  pdf 36.36 KB

Section 9 - Project Risks

Q11. Project Risks

Please demonstrate your consideration of any risks involved in this project and how you intend to manage them. Please note the importance of health and safety and environmental risk assessment in the design of your project. If there is any possibility that your project may have negative impacts on the environment or human health, it is important that you provide a comprehensive analysis of potential environmental and human health risks, and the prevention measures you will take to ensure the work does not cause harm.

Depending on your project, you may wish to consider:

- Biosecurity risks – particularly for projects involving external equipment.
- Safeguarding risks – particularly for projects involving vulnerable groups such as children, older people or people with disabilities.

Risk	Mitigation
Handling of live animals	<ul style="list-style-type: none">• Correct protocol is to be followed at all times .• Handlers are encouraged to wear all correct PPE and exercise caution when approaching or near animals.• The animals are only to interact with humans for a minimal amount of time (as long is necessary) and strictly no more.
Working in outdoor and potentially hazardous environment	<ul style="list-style-type: none">• Ensure that health and safety protocols are always followed.• Appropriate protective clothing and equipment is used whenever necessary.• If members of project ever feel unsafe, they are to cease all activities and

Working with members of the public

- staff members will have appropriate safeguarding training prior to the event.
 - no information will be given or obtained from a minor without explicit parental consent for online software i.e INaturalist.
 - Data protection policies and laws will be followed
-

Do you require more fields?

No

Section 10 - Terms & Conditions

Q12. Terms and conditions (Guidance section 3.10)

By applying for Darwin Plus Local you are adhering in full to the grant Terms and Conditions in full (available at: [Darwin Plus website](#) and as referenced in the Guidance at section 3.10). For information, the Terms and Conditions include requirements for all applicants to (amongst other requirements as per the full Terms and Conditions):

- Uphold a zero tolerance for inaction approach to tackling sexual exploitation, abuse, and harassment.
- Where appropriate, make all reasonable and adequate efforts to address gender inequality and other power imbalances.
- Notify all cases of fraud and theft (whether proven or suspected) relating to the project to the Grant Administrator as soon as they identified.

Please indicate you have read, and understood, and will adhere to the Terms and Conditions.

Checked

Supporting documents list (please have these ready to attach with application)

- Cover Letter of no more than two A4 pages. (Guidance section: 4.2 has information on what this cover letter should include).
- If the project takes place on public land or water or is addressing invasive alien species, a Letter of support from OT Government.
- Project Workplan in the template provided for Darwin Plus Local (available at: [Darwin Plus website](#)).
- Map and additional information (optional) maximum five additional pages.

If your application is successful

If your project application is successful, the Fund Administrator (NIRAS) will ask you to provide some financial evidence for due diligence checks before you receive your project grant. (Please see section 3.3 of the Darwin Plus Local Finance Guidance). Please be ready to provide this evidence promptly.

- **Financial evidence for organisations:** Year-end financial statements, the latest management accounts or audited accounts (if you have these).
- **Financial evidence for individuals:** Proof of identity such as a passport, ID card or driving licence and solvency (such as bank statements) and a police check.

Section 11 - Certification

Certification

I certify that, to the best of my knowledge and belief, the statements made in this application are true and the information provided is correct.





Checked

I have the authority to submit an application on behalf of my organisation.

Checked

Name: Eloise Springate

Position in the organisation: (if applicable) No Response

Signature (please upload e-signature)  [Eloise Springate Signature \(1\)](#)
 29/11/2023
 09:00:09
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Date: 29 November 2023

Section 12 - Submission Checklist

Checklist for submission

	Check
I have read the Guidance documents, including the "Darwin Plus Local Guidance" and the "Darwin Plus Local Finance Guidance".	Checked
If my proposed project takes place on public lands or water or is addressing alien invasive species, I have uploaded a Letter of Support from Government.	Checked
I have uploaded a cover letter that details the information requested in the guidance (Guidance section 4.2 has information on what this cover letter should include).	Checked
I have read, and can meet, the current Terms and Conditions for this fund.	Checked
I have provided actual start and end dates for my project that fit this Round.	Checked
I have provided my summary budget based on UK government financial years i.e. 1 April – 31 March and in GBP in the application form.	Checked
I have uploaded my project workplan using the specific template provided.	Checked
I have uploaded all supplementary documents if I have any.	Checked
(If copying and pasting into Flexi-Grant) I have checked that all my responses have been successfully copied into the online application form.	Checked
The application has been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).	Checked

I have checked the Darwin Plus website immediately prior to submission to ensure there are no late updates.	Checked
I have read and understood the Privacy Notice on the Darwin Plus website.	Checked

We would like to keep in touch!

Please check this box if you would be happy for the lead applicant (Flexi-Grant Account Holder) and project leader (if different) to be added to our mailing list. Through our mailing list we share updates on upcoming and current application rounds under Darwin Plus. We also provide occasional updates on other UK Government activities related to biodiversity conservation and share project news. You are free to unsubscribe at any time.

Checked

Data protection and use of personal data

Information supplied in the application form, including personal data, will be used by Defra as set out in the **Privacy Notice**, available from the [Forms and Guidance Portal](#).

This **Privacy Notice must be provided to all individuals** whose personal data is supplied in the application form. Some information may be used when publicising Darwin Plus including project details (usually title, lead partner, project leader, location, and total grant value).

Project Title:

Darwin Plus Local

Provide a **Workplan** that shows the key milestones in project activities. Complete the following table as appropriate to describe the intended workplan for your project. Round 3 is for a **maximum of 12 months** with activities starting from 1 April 2024. All activities must be completed by 31 March 2025.

Please add/remove columns to reflect the length of your project. For each activity (add/remove rows as appropriate) indicate the number of months it will last, and shade only the months in which an activity will be carried out. The workplan can span multiple pages if necessary.

Activity #	Description (max 25 words)	No. of months	UK Financial Year 2024/25											
			Calendar Year 2024									Calendar Year 2025		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Tunnel monitoring	sites to apply hedgehog tunnels to determine locations and proximity to urbanised areas (1 st April -30 th September 2024)	6 months												
Supplementary food monitoring	Monitoring of individual hedgehogs and the frequency they visit supplementary food sites (1 st May – 31 st October 2024)	6 months												
Hedgehog awareness surveys	As part of the outreach aspect a survey will be conducted across the local area to gage people’s thoughts and understanding on the subject.	6 months												
Informational material	Creation of posters and informational materials to be given out to public on subject	2 months												
Workshop for hedgehog management	Informational talk for workshops to be given on best practises for hedgehog management and correct diets. With invited guest speakers.	1 ½ months												

Project Title:

Activity #	Description (max 25 words)	No. of months	UK Financial Year 2024/25													
			Calendar Year 2024									Calendar Year 2025				
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
Media campaign	Use of media to promote project and use as outreach tool to engage with local community.	8 months	█	█	█	█	█	█	█	█						
Training with Dr Diakou	Training for member of staff to receive training on hedgehog ecology and wild hedgehog handling	1 month		█												
Write up and assessment of findings	Project write up and finalisation of results. To be submitted to darwin plus	2 months								█	█					
Submission of results for publishing	Write up and submission of finding to peer reviewed journal for publishing.	1 month									█					

Project Title:

Activity #	Description (max 25 words)	No. of months	UK Financial Year 2024/25											
			Calendar Year 2024									Calendar Year 2025		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar